REMEDIAL INVESTIGATION WORK PLAN

514 UNION STREET
Brooklyn, New York
NYSDEC BCP Site No. C224318

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CERTIFICATION

I, Michael D. Burke, certify that I am currently a Qualified Environmental Professional as defined in 6 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)-10 Technical Guidance for Site Investigation and Remediation.



Michael D. Burke, PG, CHMM

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Remedial Investigation Work Plan (RIWP) on behalf of 473 President LLC (the Volunteer) for the property at 514 Union Street in the Gowanus neighborhood of Brooklyn, New York (the site). The Volunteer will implement the RIWP for New York State Brownfield Cleanup Program (BCP) Site No. C224318 pursuant to the Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) executed on October 21, 2021.

The objective of the scope of work defined in this RIWP is to investigate and characterize the nature and extent of environmental impacts at the site and to provide sufficient information to evaluate remedial alternatives and threats to human health and the environment, as required per the BCA. This RIWP was developed in accordance with the process and requirements identified in the NYSDEC "Division of Environmental Remediation (DER)-10: Technical Guidance for Site Investigation and Remediation" (May 2010) and the New York State Department of Health (NYSDOH) "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006, with updates May 2017).

2.0 SITE BACKGROUND

2.1 Site Description

The site is located at 514 Union Street in the Gowanus neighborhood of Brooklyn, New York and is identified as Block 440, Lot 22 on the Kings County Tax Map. A site location map is provided as Figure 1. The about 17,000-square-foot (0.39 acres) site is occupied by Royal Palms Shuffleboard Club, comprised of shuffleboard courts, an office, bars, restrooms, storage areas, and a one-car parking garage. The site is located on the block bound by Union Street to the north, 3rd Street to the east, President Street to the south, and Nevins Street to the west. The south-adjoining parcel, 473 President Street, is in the NYSDEC BCP (BCP Site No. C224220). The east- and west-adjoining parcels, identified as President Street Portfolio, are also in the NYSDEC BCP (BCP Site No. C224309). Surrounding properties include single- and multi-story buildings occupied by industrial, commercial and residential occupants. A site plan is provided as Figure 2.

The site is enrolled in the NYSDEC BCP as 514 Union Street, BCP Site No. C224318. The Applicant is a Volunteer. Previous environmental investigations completed at the site confirmed on-site impacts to soil, groundwater, and soil vapor.

According to New York City Planning Commission Zoning Map 16c, the site is in an M1-4/R6A and M1-4/R7A mixed manufacturing and residential district pursuant to Uniform Land Use Review Procedure (ULURP) and the Gowanus Neighborhood Rezoning (City Environmental Quality Review [CEQR] No. 19DCP157K). M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale and storage facilities. Offices, hotels and most retail uses are also permitted in M1 districts.

2.2 Surrounding Property Land Use

The site is located in a mixed-use area with industrial, commercial, and residential buildings. The following is a summary of surrounding property uses:

Direction	Adjoining Properties	Surrounding Properties
North	Union Street followed by multi-story residential buildings	Multi-story residential buildings, a coffee shop, a vehicle repair shop, and a parking lot
East	Vacant parcel (NYSDEC BCP Site No.C224309)	Multi-story residential buildings, and a dog daycare facility
South	Vacant parcel (NYSDEC BCP Site No.C224220)	Multi-story residential buildings

Direction	Adjoining Properties	Surrounding Properties
West	Ample Hills Creamery	Vehicle maintenance repair yard, followed by the Gowanus Canal
	Vacant parcel (NYSDEC BCP Site No.C224309)	

Public infrastructure (storm drains, sewers, and underground utility lines) exists within the streets surrounding the site. A land use map showing the adjacent and surrounding properties is provided as Figure 3.

Land use within a half-mile radius includes residential, commercial, light industrial and institutional uses and park land. The nearest ecological receptor is the Gowanus Canal, which is located about 350 feet west of the site. Sensitive receptors, as defined in DER-10, located within a half-mile of the site include those listed below:

Number	Name (Approximate distance from site)	Address
1	Rivendell School (approximately 0.07 miles southeast)	383 3rd Avenue Brooklyn, NY 11215
2	Our Lady of Peace D.C.C. (approximately 0.15 miles southeast)	219 1st Street Brooklyn, NY 11215
3	PS 372 The Children's School (approximately 0.16 miles southeast)	512 Carroll Street Brooklyn, NY 11215
4	Bumble Bee Daycare (approximately 0.20 miles southeast)	258 4th Avenue Brooklyn, NY 11218
5	PS 32 Samuel Mills Sprole School (approximately 0.25 miles northwest)	317 Hoyt Street Brooklyn, NY 11231
6	P.S. 133 William A. Butler (approximately 0.35 miles northeast)	610 Baltic Street Brooklyn, NY 11217
7	Kid's Care Daycare (approximately 0.35 miles northeast)	281 1st Street Brooklyn, NY 11215
8	Sunflower Child Care (approximately 0.36 miles southeast)	238 5th Avenue Brooklyn, NY 11215
9	Preschool of America, Inc (approximately 0.37 miles northwest)	378 Baltic Street Brooklyn, NY 11201
10	Eladia's Kids (approximately 0.40 miles east)	147 5th Avenue Brooklyn, NY 11217
11	Studio Preschool - Cassatt Studio (approximately 0.40 miles east)	53 3rd Street Brooklyn, NY 11231
12	Kumon Math and Reading Center of Carroll Gardens (approximately 0.40 miles northwest)	337 Smith Street Brooklyn, NY 11231
13	Strong Place for Hope Day Care (approximately 0.40 miles southeast)	333 2nd Street Brooklyn, NY 11215

Number	Name (Approximate distance from site)	Address
14	Regina's Daycare (approximately 0.41 miles southeast)	296 5th Street Brooklyn, NY 11215
15	Language Laughter Studio (approximately 0.42 miles northeast)	137 Nevins Street Brooklyn, NY 11217
16	Hannah Senesh Community Day School (approximately 0.42 miles west)	342 Smith Street Brooklyn, NY 11231
17	PS 58 The Carroll School (approximately 0.43 miles northwest)	330 Smith Street Brooklyn, NY 11231
18	Cobble Hill School for American Studies (approximately 0.44 miles northwest)	347 Baltic Street Brooklyn, NY 11201
19	John Jay HS Annex – School Garden (approximately 0.44 miles northwest)	347 Baltic Street Brooklyn, NY 11201
20	Ladybug Preschool (approximately 0.44 miles west)	413 Smith Street Brooklyn, NY 11231
21	St. John's Kidz (approximately 0.45 miles east)	390 Butler Street Brooklyn, NY 11217
22	Zusin Family Daycare (approximately 0.45 miles southeast)	323 3rd Street Brooklyn, NY 11215
23	Warren Street Center for Children and Families (approximately 0.46 miles northwest)	343 Warren Street Brooklyn, NY 11201
24	Helen Owen Carey Child Day Center (approximately 0.47 miles east)	71 Lincoln Place Brooklyn, NY 11217
25	Park Slope Christian Academy (approximately 0.48 miles northeast)	98 5th Avenue Brooklyn, NY 11217
26	PS/MS 282 (approximately 0.48 miles east)	180 6th Avenue Brooklyn, NY 11217
27	St. Thomas Aquinas School (0.48 miles southeast)	249 9th Street Brooklyn, NY 11215
28	The Math and Science Exploratory School (approximately 0.48 miles northeast)	345 Dean Street Brooklyn, NY 11217
29	Brooklyn High School of The Arts (approximately 0.48 miles northeast)	345 Dean Street Brooklyn, NY 11217
30	Public School 38 (approximately 0.48 miles northeast)	450 Pacific Street Brooklyn, NY 11217
31	Open House Nursery School (approximately 0.50 miles northwest)	318 Warren Street Brooklyn, NY 11201
32	Tiny Steps Daycare Center (approximately 0.50 miles northeast)	33 St Johns Place Brooklyn, NY 11217

2.3 Site Physical Conditions

2.3.1 Topography

According to the 23 July 2021 Architectural Survey by New York City Land Surveyors, PC, the Union Street sidewalk elevations (el) fronting the site range from about el 14[1] to el 11, sloping down from east to west. The topography of the surrounding area is generally flat, but gradually slopes down from east to west towards the Gowanus Canal.

2.3.2 Geology

According to a limited subsurface investigation conducted by Langan in March 2021, the site is underlain by fill generally characterized as brown and black, fine-grained sand with varying amounts of coal ash, brick, slag, silt, and gravel. Fill was observed below the concrete slab to depths ranging between 5 and 14 feet below grade surface (bgs). Native fine-grained sand with varying amounts of silt, clay, and gravel was observed below the fill layer to the boring termination depths (16 to 21 feet bgs). Bedrock was not encountered.

The subsurface stratigraphy throughout Brooklyn typically consists of a layer of fill underlain by glacial till, decomposed unconsolidated bedrock, and bedrock. The United States Geological Survey (USGS) "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey" indicate that bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Bedrock was encountered at about 200 feet bgs during a previous Langan geotechnical study at property located 250 feet northwest of the site.

2.3.3 Hydrogeology

Groundwater was encountered at about 10 feet bgs during Langan's March 2021 limited subsurface investigation. The inferred regional groundwater flow direction is to the west-northwest, towards the Gowanus Canal. Groundwater in Brooklyn is not used as a potable water source.

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation,

[1] Elevations herein are in feet and referenced to the North American Vertical Datum of 1988 (NAVD88).

evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of historic fill material, and variability in local geology and groundwater sources or sinks.

2.3.4 Wetlands

Wetlands were evaluated by reviewing the National Wetlands Inventory and NYSDEC regulated wetlands map. There are no wetlands on the site. The nearest wetland is the Gowanus Canal, an estuarine and marine deepwater wetland, located about 350 feet west of the site.

2.4 Summary of Previous Environmental Investigations

Previous environmental reports were reviewed to inform this RIWP. These reports are summarized below and are included in Appendix A.

- *July 24, 2014 Phase I Environmental Site Assessment, prepared by Carlin, Simpson & Associates*
- *August 18, 2020 Indoor Air Sample Results Technical Memorandum for 514 Union Street, prepared by Langan*
- *May 7, 2021 Limited Subsurface Investigation Report for 514 Union Street, prepared by Langan*

July 24, 2014 Phase I Environmental Site Assessment, prepared by Carlin, Simpson & Associates

The Phase I Environmental Site Assessment (ESA) was prepared for a larger area that included 514 Union Street. The Phase I ESA identified the following two recognized environmental conditions (REC):

- REC 1 – Historical industrial site use – Historical site operations including Dolin Metal Manufacturing Co., Coca-Cola Bottling Co. of NY, and Albro J. Newton Co. Trim and Planning Mill, with limited information regarding waste management and housekeeping practices, may have contributed to contamination at the site.
- REC 2 – Groundwater Contamination – Contaminated groundwater from nearby off-site sources, including the Gowanus Canal (a National Priorities List [NPL] site) and 318 Nevins Street (petroleum-contaminated groundwater attributed to on-site petroleum bulk storage), may have impacted groundwater at the site.

The following REC was identified associated with 473 President Street, an adjacent property to the south currently enrolled in the NYSDEC BCP (BCP Site No. C224220):

- REC 3 – Open NYSDEC Spill No. 9412605 - Open NYSDEC Spill No. 9412605 for a petroleum release during a tank test failure that may have impacted groundwater at the site.

August 18, 2020 Indoor Air Sample Results Technical Memorandum for 514 Union Street, prepared by Langan

Three indoor air samples and one ambient air sample were collected on 14 July 2020. Indoor air sample locations were selected to be representative of the indoor space and biased to locations close the highest contaminant concentrations found on the adjacent properties. Detected volatile organic compound (VOC) concentrations in the indoor air sample analytical results did not exceed the New York State Department of Health (NYSDOH[2]) Air Guideline Values (AGV) as set forth in the NYSDOH Guidance (updated 2013 and 2015). Total chlorinated VOC (CVOC) concentrations in the indoor air samples ranged between 2.5 and 9.5 micrograms per cubic meter (µg/m^3).

May 7, 2021 Limited Subsurface Investigation Report for 514 Union Street, prepared by Langan

The limited subsurface investigation was implemented between 19 and 21 March 2021 to assess the potential for soil vapor intrusion into the existing site building and investigation environmental subsurface conditions at the site. The investigation included collection of soil, groundwater, sub-slab vapor, indoor air and ambient air samples. Field observations and laboratory analytical results include:

- Petroleum, and Chlorinated Solvent Impacts to Soil and Groundwater: Eight petroleum-related VOCs were detected in one soil sample at concentrations exceeding Unrestricted Use (UU) and/or Restricted Use Commercial (RUC) Soil Cleanup Objectives (SCO[3]). One CVOC, trichloroethene (TCE), was detected in two soil samples at concentrations above the UU SCO. Petroleum-related VOCs and CVOCs were also detected in multiple groundwater samples at concentrations above the NYSDEC Standards and Guidance Values (SGV[4]).

[2] NYSDOH Guidance refers to the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2013, 2015, and 2017).

[3] SCOs promulgated in the NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375.

[4] NYSDEC SGVs promulgated in the NYSDEC 6 NYCRR Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water.

- Chlorinated Solvent Impacts to Sub-Slab and Indoor Air: CVOCs and petroleum-related VOCs were detected in sub-slab vapor and indoor air samples. Evaluation of TCE, tetrachloroethene (PCE), and methylene chloride concentrations using the NYSDOH Decision Matrices yielded recommendations ranging from identification of source(s) and resampling to mitigation.

A summary of historical soil, groundwater, and soil vapor sampling results are provided on Figures 4, 5, and 6, respectively.

2.5 Areas of Concern

Based on site history and the findings of the previous studies, the areas of concern (AOCs) to be further investigated during the RI are described below and shown on Figure 7:

AOC 1: Historic Fill

Fill from unknown sources may have been used as backfill during various phases of the site development history. Previous soil samples collected from fill interval contain VOCs, semivolatile organic compounds (SVOCs), metals, and one pesticide at concentrations above UU and/or Restricted Use Restricted Residential (RURR) SCOs to depths of up to 9 feet bgs across the entire site.

AOC 2: Chlorinated Solvent Impacts

Trichloroethene (TCE) was detected in a previous shallow soil sample at concentrations above the RURR SCO. CVOCs were detected in groundwater at four locations at concentrations above the NYSDEC SGVs. CVOCs, including TCE, tetrachloroethene (PCE), and methylene chloride, were detected in sub-slab vapor and indoor air samples at concentrations yielding recommendations ranging from identification of source(s) and resampling to mitigation when evaluated using the NYSDOH Decision Matrices. CVOCs in shallow soil, groundwater, sub-slab vapor and indoor air samples at concentrations above their respective regulatory criteria is an AOC which extends across the entire site. An Interim Remedial Measure Work Plan (IRMWP) to mitigate soil vapor intrusion in the on-site building has been submitted to NYSDEC. The IRMWP includes installation of four ventilation points across the site to evacuate air from existing void space between the finished floor platform and the concrete building slab. Each ventilation point will consist of a 4-inch-diameter metal pipe manifold together and routed to a roof-mounted blower. IRMWP implementation will be concurrent with RIWP implementation.

AOC 3: Petroleum Impacts from an Off-Site Source

Petroleum-related VOCs were detected at concentrations above UU and/or RURR SCOs in a soil sample collected from 19 to 21 feet bgs in the south-central portion of the site, about 6 feet from

the southern property line. A groundwater sample collected from the same location also contained petroleum-related VOCs at concentrations above NYSDEC SGVs. Petroleum-related impacts are attributed to the off-site open spill (Spill No. 9412605) at the south-adjoining property, 473 President Street (BCP Site No. C224220), and will be remediated during development of the adjoining parcels. One additional soil boring will be advanced within the building to further delineate the horizontal and vertical migration of the spill.

3.0 SCOPE OF WORK

The objective of this RIWP is to investigate and characterize the nature and extent of the contamination at and/or emanating from the brownfield site, per Environmental Conservation Law (ECL) Article 27, Title 14 (BCP). The analytical parameters for each proposed sample are provided in Table 1. The field tasks are discussed in more detail in the following sections.

Soil Borings and Sampling

- Advance seven soil borings to depths ranging from 15 to 27 feet bgs
- Collect up to three soil samples from each soil boring for a total of up to 21 soil samples (plus quality assurance/quality control [QA/QC] samples) for laboratory analysis

Groundwater Monitoring Well Installation and Sampling

- Install and develop six on-site and eight off-site groundwater monitoring wells at varying shallow and deep screen intervals
- Collect up to 14 groundwater samples from newly-installed monitoring wells (plus QA/QC samples) for laboratory analysis

Modifications to this scope of work may be required: 1) due to site operations, equipment or other access restrictions; 2) in the event that unexpected contamination is detected and additional analytical data is needed; and 3) to adequately characterize and delineate subsurface impacts in compliance with the Brownfield Law, regulations and applicable investigation guidance documents (e.g., DER-10). Conducting a geophysical survey is not practicable due to a void space between the finished floor and underlying concrete slab.

The field investigation will be completed in accordance with NYSDEC DER-10 Guidance and the procedures specified in the Health and Safety Plan (HASP) and the Quality Assurance Project Plan (QAPP) included as Appendices B and C, respectively. A Community Air Monitoring Plan will be implemented during this investigation (see Section 3.8.2 and Appendix D).

The names, contact information and roles of the principal personnel who will participate in the investigation, project managers, and subcontractors are listed below. The HASP contains emergency contact information (HASP Table 5) and a map with a route to the nearest hospital (HASP Figure 2). Resumes for Langan employees involved in the project are included in the QAPP (Appendix C).

Personnel	Investigation Role	Contact Information
Michael Burke, PG, CHMM Langan	Qualified Environmental Professional	Phone – 212-479-5413 Email – mburke@langan.com
Jason Hayes, P.E., LEED AP Langan	Quality Assurance Officer	Phone – 212-479-5427 Email – jahayes@langan.com
Tony Moffa, CHMM, CSP Langan	Langan Health & Safety Officer	Phone – 215-491-6500 Email – tmoffa@langan.com
William Bohrer, PG Langan	Field Safety Officer	Phone – 410-984-3068 Email – wbohrer@langan.com
Paul McMahon, P.E. Langan	Project Manager	Phone – 212-479-5427 Email – pmcmahon@langan.com
Brad Koontz Langan	Field Team Leader	Phone – 212.479.5499 Email – bkoontz@langan.com
Joe Conboy Langan	Program Quality Assurance Monitor/Data Validator	Phone – 215-845-8985 Email – jconboy@langan.com

3.1 Soil Investigation

3.1.1 Drilling and Logging

An environmental drilling subcontractor will advance seven on-site soil borings to further investigate the AOCs identified in Section 2.5. A plan showing the proposed boring locations is included as Figure 7. A Langan engineer, geologist or scientist will document the work, screen the soil samples for environmental impacts, and collect environmental samples for laboratory analyses under the direct supervision of a Qualified Environmental Professional.

Soil borings will be advanced up to 27 feet bgs using direct-push drilling technology (Geoprobe®). Soil borings that will not be converted to monitoring wells will be advanced to 15 feet bgs. Soil borings that will be converted to monitoring wells will be advanced to the monitoring well installation depth (17 to 27 feet bgs). Soil will be screened continuously to the boring termination depth with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) bulb and for visual and olfactory evidence of environmental impacts (e.g., staining and odor). Soil descriptions will be recorded in a field log. Boring logs will be presented in the Remedial Investigation Report (RIR).

Localized removal of the finished wooden floor platform will be required to expose the underlying concrete slab and provide access to the boring locations. To determine if the concrete slab is suitable site cover, its condition will be documented at each boring location where the wooden floor is removed.

3.1.2 Soil Sampling and Analysis

Up to three grab soil samples will be collected from each soil boring for laboratory analysis. One sample will be collected from the upper two feet of the historic fill interval (i.e., shallow soil

sample below the slab). A second sample will be collected from the groundwater interface, or from the interval exhibiting the greatest degree of contamination, where observed (based on the presence of staining, odor, and/or PID readings above background). A third sample will be collected from each boring from below the groundwater table or below the observed impacts to vertically delineate impacts. The third sample will be placed on hold at the laboratory, and analyzed for the specific contaminants that exceed Protection of Groundwater SCOs in the first two samples.

The proposed soil samples are summarized in Table 1. Non-disposable, down-hole drilling equipment and sampling apparatus will be decontaminated between locations with Alconox® and water.

The samples will be collected in laboratory-supplied containers and will be sealed, labeled, and placed in an ice-chilled cooler (to attempt to maintain a temperature of about 4°C) for delivery to an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory. Soil samples will be analyzed using the latest United States Environmental Protection Agency (USEPA) methods as follows:

- Part 375 List and Target Compound List (TCL) VOCs by USEPA methods 8260C/5035
- Part 375 List and TCL SVOCs by USEPA method 8270D
- Part 375 List PCBs by USEPA method 8082A
- Target Analyte List (TAL)/Part 375 List metals (including cyanide, hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A.
- Part 375 List pesticides and herbicides by USEPA methods 8081B and 8151A, respectively
- NYSDEC List Per- and polyfluoroalkyl Substances (PFAS) by EPA Method 537M. A list of the PFAS compounds is provided in Table 2.
- 1,4-dioxane by EPA Method 8270D SIM

QA/QC procedures to be followed are described in the QAPP in Appendix C. Although not anticipated, if this RIWP is implemented on or following November 1, 2022, the PFAS sampling methodology (including list of analytes and analytical method) will comply with the forthcoming NYSDEC updates to the PFAS sampling protocol.

3.1.2.1 Remedial Design Sample Analysis

Additional soil samples will be collected from up to two on-site soil boring locations and three off-site soil boring locations and analyzed for nitrite/nitrate, sulfate, phosphate, chloride, iron and

manganese, total organic carbon (TOC), chemical oxygen demand (COD), biological oxygen demand (BOD), and alkalinity to support the evaluation of an in-situ remedial alternative.

3.2 Groundwater Investigation

3.2.1 Monitoring Well Installation

Six on-site permanent groundwater monitoring wells will be installed at shallow (7 to 17 feet bgs) and deep (17 to 27 feet bgs) intervals. Eight off-site temporary groundwater monitoring wells will be installed at shallow, deep, and deeper (27 to 37 feet bgs) intervals. A plan showing the proposed well locations is included as Figure 7. Wells will be constructed with 1- or 2-inch diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing and 0.01-inch slot well screens (10 feet in length). No. 2 sand will be used to fill the annulus around the screen up to about two feet above the screened interval. A two-foot bentonite seal will be installed above the sand and the borehole annulus will be grouted to the surface.

Following installation, the wells will be developed using a surge block across the well screen to agitate and remove fines. The surge block will be moved within the well screen in 2- to 3-foot increments for approximately 2 minutes per increment. After surging, the well will be purged via pumping until the water becomes clear.

A monitoring well survey will not be completed because of restricted access to the site. Groundwater flow direction will be evaluated based on groundwater contour data from the two adjoining BCP sites. Previous on-site temporary monitoring wells were removed following completion of the 2021 Limited Subsurface Investigation.

3.2.2 Groundwater Sampling and Analysis

One groundwater sample will be collected from each of the 14 monitoring wells, as summarized in Table 1. Prior to sampling, one round of synoptic gauging for static water levels will be performed and the monitoring wells will be purged. Purging will consist of pumping, at a minimum, the stabilized drawdown volume plus the pump's tubing volume, and waiting until the physical and chemical parameters (e.g., temperature, dissolved oxygen, oxygen reduction potential, turbidity) stabilize within the ranges specified in the USEPA's Low Stress Purging and Sampling Procedure for the Collection of Groundwater Samples From Monitoring Wells, dated July 30, 1996, and 4th revision September 19, 2017. Samples will be collected with a submersible pump and dedicated polyethylene tubing. The pump will be decontaminated with Alconox® and water between each sample location. Development and purge water will be containerized for off-site disposal.

The groundwater samples will be collected in laboratory-supplied containers and will be sealed, labeled, and placed in an ice-chilled cooler (to maintain a temperature of about 4°C) for delivery

to the laboratory. Groundwater samples will be analyzed using the latest USEPA methods as follows:

- Shallow (7-17 feet bgs) on-site monitoring wells:
    - Part 375 List and TCL VOCs by USEPA method 8260C
    - Part 375 List and TCL SVOCs by USEPA method 8270D
    - Part 375 List PCBs by USEPA method 8082A
    - Part 375 List and TAL Metals (filtered and unfiltered; (including cyanide, hexavalent and trivalent chromium) by USEPA method 6010C/7470
    - Part 375 List pesticides and herbicides by USEPA methods 8081B and 8151A, respectively
    - NYSDEC List PFAS by EPA Method 537M
    - 1,4-dioxane by EPA Method 8270D SIM
- Deep on-site monitoring wells and all off-site monitoring wells:
    - TCL VOCs by USEPA method 8260C

QA/QC procedures to be followed are described in the QAPP in Appendix C. Although not anticipated, if this RIWP is implemented on or following November 1, 2022, the PFAS sampling methodology (including list of analytes and analytical method) will comply with the forthcoming NYSDEC updates to the PFAS sampling protocol.

3.2.2.1 Remedial Design Sample Analysis

Additional groundwater samples will be collected from up to two on-site monitoring well locations and three off-site monitoring well locations and analyzed for nitrite/nitrate, sulfate, phosphate, chloride, iron and manganese, total organic carbon (TOC), chemical oxygen demand (COD), biological oxygen demand (BOD), and alkalinity to support the evaluation of an in-situ remedial alternative.

3.3.3 Monitoring Well Survey

Langan will survey the location of the newly installed monitoring wells to the extent practicable. Elevations of the top of monitoring well casings will be surveyed to the nearest 0.01 foot. Vertical control will be established by surveying performed relative to NAVD88 by a New York State-licensed land surveyor. The wells will be gauged in order to assess groundwater flow direction. Data for the monitoring well construction, location, and groundwater elevations will be submitted to NYSDEC in an EQuIS Electronic Data Deliverable (EDD) format.

3.3 Data Management and Validation

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 analytical methodology 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. Table 1 summarizes the proposed samples and laboratory analyses.

The Analytical Services Protocol (ASP) Category B data packages and an EDD will be provided by the laboratory after receipt of a complete sample delivery group. The Project Manager will immediately arrange for archiving the results and preparation of result tables. These tables will form the database for assessment of the site contamination condition.

Each EDD deliverable must be formatted using a Microsoft Windows operating system and the NYSDEC data deliverable format for EQuIS™. To avoid transcription errors, data will be loaded directly into the ASCII format from the laboratory information management system (LIMS). If this cannot be accomplished, the consultant should be notified via letter of transmittal indicating that manual entry of data is required for a particular method of analysis. All EDDs must also undergo a QC check by the laboratory before delivery. The original data, tabulations, and electronic media are stored in a secure and retrievable fashion.

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. Samples collected to characterize material proposed for export and import will not be validated. 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);
- laboratory control samples (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries and relative percent difference (RPDs);
- Laboratory duplicate RPDs; and

A DUSR will be prepared by the data validator and reviewed by the Quality Assurance Officer (QAO) 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.

Additional details on the DUSRs are provided in the QAPP in Appendix C.

3.4 Management of Investigation-Derived Waste

Soil cuttings will be returned to the borehole unless:

- Free product or grossly-contaminated soil is present in the cuttings;
- Backfilling the borehole with cuttings will create a significant path for vertical movement of contaminants. Soil additives (bentonite) may be added to the cuttings to reduce permeability; or
- The soil cannot fit into the borehole.

Boreholes requiring disposal of drill cuttings will be filled with hydrated bentonite chips or clean sand and capped with asphalt or concrete. Excess investigation-derived waste (IDW), including soil cuttings, purged groundwater, and decontamination fluids, will be containerized in properly-labeled and sealed United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drums and staged for future waste characterization and off-site disposal at a facility permitted to accept the waste. The drums will be staged in an area on-site, pending receipt of laboratory data and off-site disposal to an appropriate facility. The site will be secured during and after investigation to prevent public access to the site.

3.5 Air Monitoring

Air monitoring will be conducted for site workers and the community (Community Air Monitoring Program [CAMP]). Air monitoring results will be recorded in the field book during the investigation activities, downloaded from field instruments and summarized in daily reports.

3.5.1 Worker Air Monitoring

Air monitoring of the breathing zone will be performed periodically during drilling and sampling activities to document health and safety protection for the work team. We will monitor VOCs with a PID in accordance with the HASP (Appendix B). If air monitoring during intrusive operations identifies the presence of VOCs, the field engineer will follow the guidelines outlined in the HASP regarding action levels, permissible exposure, engineering controls, and personal protective equipment. If the VOC action level is exceeded, work will cease and the work location will be evacuated. Monitoring will continue until the levels drops to permissible limits, at which point, work will resume with continued monitoring. If high levels persist, field activities will be halted and the work relocated to another area. If dust emissions are observed, work will stop and dust suppression measures (i.e., water spray) will be implemented.

3.5.2 Community Air Monitoring Plan

In addition to air monitoring in the worker breathing zone, community air monitoring will be performed in compliance with the NYSDOH Generic CAMP during any intrusive work. The CAMP is included in Appendix D.

CAMP will consist of continuous monitoring for VOCs and dust emissions during ground-intrusive activities (i.e., soil boring and monitoring well installation). The building will not be occupied during ground-intrusive work. Special Requirements, as included in Appendix D, will be adhered to for indoor work or occupied structures within 20 feet. Upwind concentrations will be measured at the start of each workday to establish background concentrations. VOCs and dust emissions will be monitored at the downwind perimeter of the work zone, which will be established at a point on the site where the general public or site employees may be present. VOC Monitoring will be conducted with a PID equipped with a 10.6 eV lamp. VOC community air monitoring requirements will be conducted until it is determined that the site is not a source of organic vapors. Dust emissions will be monitored using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM10) and capable of averaging a period of 15 minutes (or less) for comparison to the airborne particulate action level (e.g., DustTrak). If dust emissions are observed, work will stop and dust suppression measures will be used. The results will be presented in the daily reports.

3.6 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment will be conducted in accordance with Appendix 3B of the NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation. The assessment will be submitted in the RIR.

4.0 REPORTING

4.1 Remedial Investigation Report (RIR)

Following completion of the RI and receipt of analytical data, an RIR will be prepared. The report will include:

- A summary of the site history and previous investigations
- A description of on- and off-site conditions
- Sampling methodology and field observations
- An evaluation of the results and findings
- Conclusions and recommendations for any further assessment (if warranted), and remedial action objectives

The report will summarize the nature and extent of contamination at each area of concern and identify unacceptable exposure pathways (as determined through a Qualitative Human Health Exposure Assessment).

The report will include soil boring, monitoring well construction logs, sampling logs, tabulated analytical results, figures, and laboratory data packages. The tabulated analytical results will include sample location, media sampled, sample depth, field/laboratory identification numbers, analytical results and the applicable Standards, Criteria, and Guidance (SCGs) pertaining to the site and contaminants of concern for comparison. The report will include scaled figures showing the locations of soil borings, monitoring wells, sample concentrations above SCGs for each media, groundwater elevation contours and flow direction, and, if appropriate, groundwater contaminant concentration contours.

4.2 Daily Reports

Daily reports will be submitted to NYSDEC and NYSDOH Project Managers by the end of each day following the reporting period and will include:

- An update of progress made during the reporting day
- Description and locations of work completed during the reporting day
- A summary of any and all complaints with relevant details (names, phone numbers)
- A summary of CAMP findings, including exceedances
- An explanation of notable site conditions

Daily reports are not intended to be the mode of communication for notification to the NYSDEC of emergencies (accident, spill), requests for changes to the RIWP or other sensitive or time

critical information. However, such conditions must also be included in the daily reports. Emergency conditions and changes to the RIWP will be addressed directly to NYSDEC Project Manager via personal communication.

Daily Reports will include a description of daily activities and a map that identifies work areas. These reports will include a summary of CAMP results, odor and dust problems and corrective actions, and all complaints received from the public.

The NYSDEC-assigned project number will appear on all reports.

4.3 Monthly Reports

Monthly reports will be submitted to NYSDEC and NYSDOH Project Managers by the 10th of each month and will include:

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

4.4 Other Reporting

Photographs will be taken of all investigation activities and submitted to NYSDEC in digital format. Photos will illustrate remedial program elements and will be of acceptable quality. Representative photos will be provided of each contaminant source, source area and site structures during site investigation. Photos will be included in the daily reports as needed and a comprehensive collection of photos will be included in the Final Engineering Report.

Job-site record keeping for all remedial work will be appropriately documented. These records will be maintained on-site at all times during the project and be available for inspection by NYSDEC and NYSDOH staff.

5.0 SCHEDULE

The table below presents an anticipated schedule for the proposed RI and reporting following the approval of the RIWP. If the schedules changes, it will be updated and submitted to the NYSDEC. The RI is anticipated to begin within three weeks of RIWP approval (expected by August 19, 2022).

Milestone	Weeks from NYSDEC Approval of RIWP	Estimated Duration (weeks)
RI Mobilization	2	2
RI Field Investigation	5	3
Laboratory Analysis	9	4
Remedial Investigation Report Preparation and Submission to the NYSDEC	17	8

TABLES

Table 1
Proposed Sample Summary
Remedial Investigation Work Plan

514 Union Street
Brooklyn, NY
NYSDEC BCP Site No. C224318
Langan Project No. 170361305

No.	Sample Name	Type	Boring	Depth[1]	Analyses
SOIL					
1	SB05_depth	Grab	SB05	Upper 2 feet of historic fill	TCL / Part 375-list[3] of VOCs & SVOCs, Part 375 PCBs, Pesticides, & Herbicides, TAL / Part 375 Metals including cyanide, hexavalent and trivalent chromium, PFAS, and 1,4-dioxane
2	SB05_depth			Greatest degree of impacts or groundwater interface	
3	SB05_depth [HOLD][2]			Below the groundwater table or below the observed impacts	
4	SB06_depth		SB06	Upper 2 feet of historic fill	
5	SB06_depth			Greatest degree of impacts or groundwater interface	
6	SB06_depth [HOLD]			Below the groundwater table or below the observed impacts	
7	SB07_depth		SB07	Upper 2 feet of historic fill	
8	SB07_depth			Greatest degree of impacts or groundwater interface	
9	SB07_depth [HOLD]			Below the groundwater table or below the observed impacts	
10	SB08_depth		SB08	Upper 2 feet of historic fill	
11	SB08_depth			Greatest degree of impacts or groundwater interface	
12	SB08_depth [HOLD]			Below the groundwater table or below the observed impacts	
13	SB14_depth		SB14	Upper 2 feet of historic fill	
14	SB14_depth			Greatest degree of impacts or groundwater interface	
15	SB14_depth [HOLD]			Below the groundwater table or below the observed impacts	
16	SB15_depth		SB15	Upper 2 feet of historic fill	
17	SB15_depth			Greatest degree of impacts or groundwater interface	
18	SB15_depth [HOLD]			Below the groundwater table or below the observed impacts	
19	SB16_depth		SB16	Upper 2 feet of historic fill	
20	SB16_depth			Greatest degree of impacts or groundwater interface	
21	SB16_depth [HOLD]			Below the groundwater table or below the observed impacts	
QAQC	SBDUP01_date	Duplicate	TBD	Duplicate	
	MS/MSD-SB01_date	MS/MSD		Matrix Spike/Matrix Spike Duplicate	
	SBFB01_date	Field Blank	NA	Field Blank	
GROUNDWATER					
1	MW05S_date	Grab	MW05	Midpoint of screened interval	TCL / Part 375-list[3] of VOCs & SVOCs, Part 375 PCBs, Pesticides, & Herbicides, TAL / Part 375 Metals including cyanide, hexavalent and trivalent chromium, PFAS, and 1,4-dioxane
2	MW06S_date		MW06		
3	MW05D_date		MW05		TCL VOCs
4	MW06D_date		MW06		
5	MW07D_date		MW07		
6	MW07DD_date				
7	MW08D_date		MW08		
8	MW08DD_date				
9	MW09D_date		MW09		
10	MW10D_date		MW10		
11	MW11S_date		MW11		
12	MW11D_date				
13	MW12S_date		MW12		
14	MW13D_date		MW13		
QAQC	GWDUP01_date	Duplicate	TBD	Duplicate	TCL / Part 375-list[3] of VOCs & SVOCs, Part 375 PCBs, Pesticides, & Herbicides, TAL / Part 375 Metals including cyanide, hexavalent and trivalent chromium, PFAS, and 1,4-dioxane
	MS/MSD-MW01_date	MS/MSD		Matrix Spike/Matrix Spike Duplicate	
	GWFB01_date	Field Blank	NA	Field Blank	
	GWTB01_date	Trip Blank		Trip Blank	TCL VOCs

Notes:
1. Soil sample depth intervals will be determined in the field.
2. HOLD samples to be analyzed for the specific contaminants that exceed Protection of Groundwater SCOs in the first two samples.
3. Soil samples to be analyzed for New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Part 375-list compounds. **All Chains of Custody should indicate ASP B deliverable packages.**
4. TBD = to be determined (in the field)
5. VOC = volatile organic compound
6. SVOC = semivolatile organic compound
7. PCB = polychlorinated biphenyl
8. TCL = Target Compound List
9. TAL = Target Analyte List
10. QA/QC = quality assurance/quality control
11. NA = not applicable
12. PFAS = per- and polyfluoroalkyl substances as limited to the list of compounds designated by NYSDEC in the June 2021 Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances

Table 2
List of Per- and Polyfluoroalkyl Substances
Remedial Investigation Work Plan

514 Union Street
Brooklyn, NY
NYSDEC BCP Site No. C224318
Langan Project No. 170361305

Compound Name	Analytical Method
Perfluorohexanoic acid (PFHxA)	USEPA Method 537
Perfluoroheptanoic acid (PFHpA)	
Perfluorooctanoic acid (PFOA)	
Perfluorobutanoic acid (PFBA)	
Perfluoropentanoic acid (PFPeA)	
Perfluorononanoic acid (PFNA)	
Perfluorodecanoic acid (PFDA)	
Perfluoroundecanoic acid (PFUA/PFUdA)	
Perfluorododecanoic acid (PFDoA)	
Perfluorotridecanoic acid (PFTriA/PFTrDA)	
Perfluorotetradecanoic acid (PFTA/PFTeDA)	
Perfluorobutanesulfonic acid (PFBS)	
Perfluorohexanesulfonic acid (PFHxS)	
Perfluoroheptanesulfonic acid (PFHpS)	
Perfluorodecanesulfonic acid (PFDS)	
Perfluorooctanesulfonic acid (PFOS)	
N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	
N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	
6:2 Fluorotelomer sulfonate (6:2 FTS)	
8:2 Fluorotelomer sulfonate (8:2 FTS)	
Perfluoroctancesulonamide (FOSA)	

Notes:

1. PFAS = per- and polyfluoroalkyl substances as limited to the list of compounds designated by NYSDEC in the June 2021 Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances

FIGURES



NOTES:

1. BASEMAP ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, JERSEY CITY, NJ AND BROOKLYN, NY QUADRANGLES, DATED 2016.

1000 0 500 1000

SCALE: 1 INCH = 1000 FEET

LANGAN

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Project	514 UNION STREET BLOCK No. 440, LOT No. 12 BROOKLYN KINGS NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170361305
Date	03/12/2021
Drawn By	TG
Checked By	PM
Figure No.	1
Sheet	1 of 7

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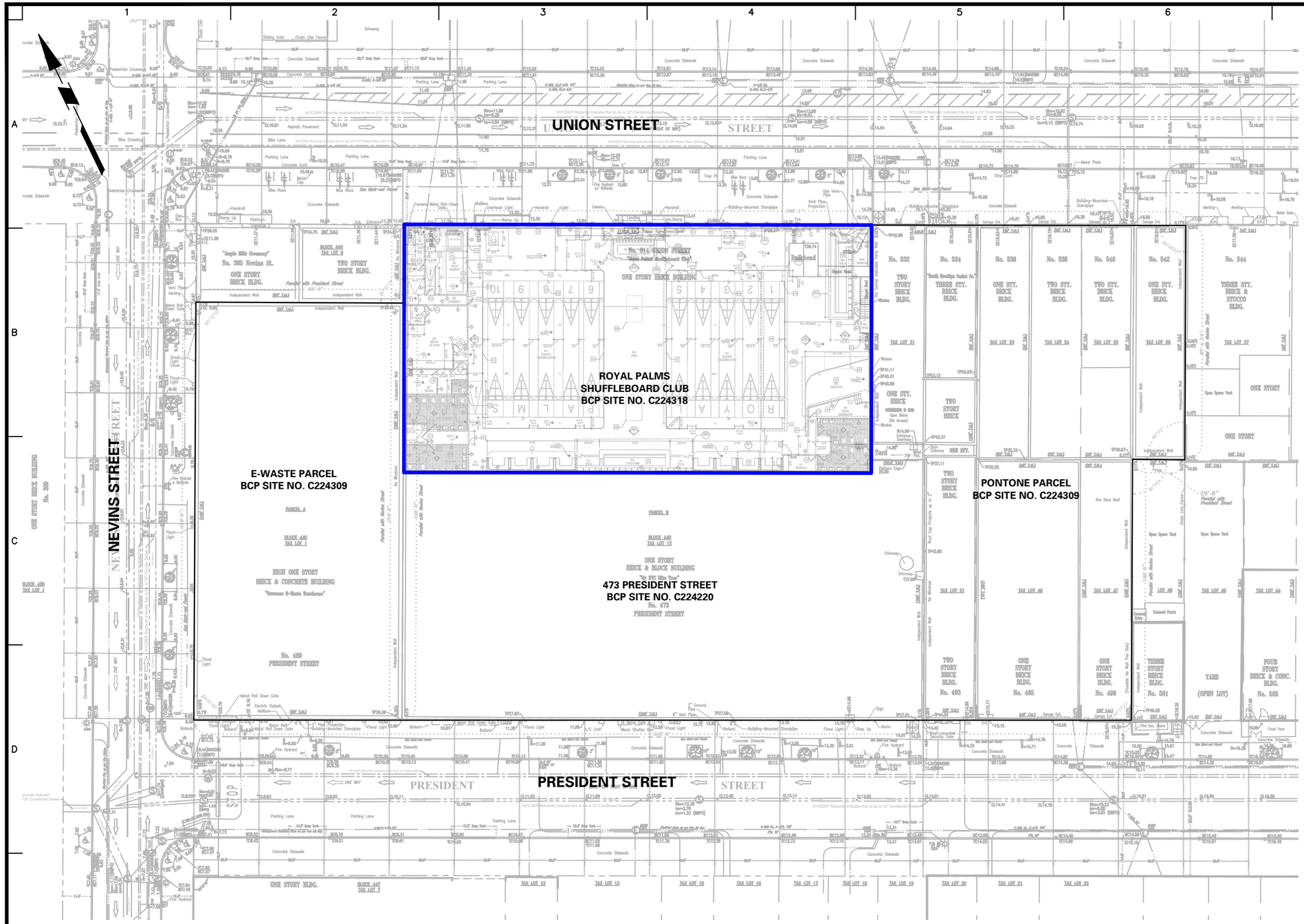
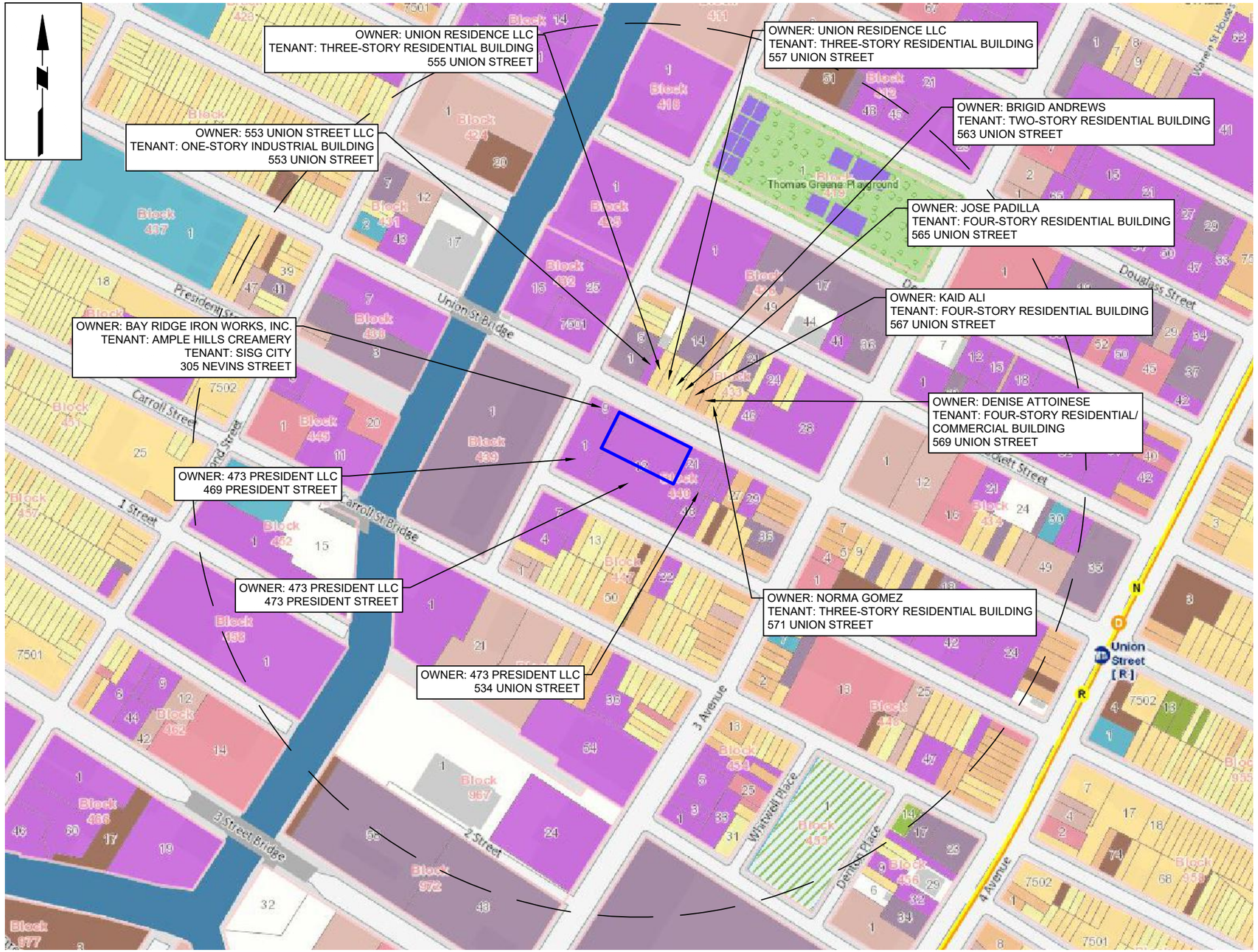
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\514 Union Street\RIWP\Figure 1 - Site Location Map.dwg Date: 3/11/2022 Time: 12:41 User: bkoontz Style Table: Langan.stb Layout: ANSIA-BP


UNION STREET
NEVINS STREET
PRESIDENT STREET
ROYAL PALMS
SHUFFLEBOARD CLUB
BCP SITE NO. C224318
E-WASTE PARCEL
BCP SITE NO. C224309
PONTONE PARCEL
BCP SITE NO. C224309
473 PRESIDENT STREET
BCP SITE NO. C224220
No. 473
PRESIDENT STREET
No. 514 UNION STREET
"Royal Palms Shuffleboard Club"
ONE STORY BRICK BUILDING
No. 305 Nevins St.
ONE STORY
BRICK BLDG.
TWO STORY
BRICK BLDG.
HIGH ONE STORY
BRICK & CONCRETE BUILDING
"Consume E-Waste Warehouse"
No. 469
PRESIDENT STREET
ONE STORY BRICK & BLOCK BUILDING
"The NYC Bike Shop"
No. 532
No. 534
No. 536
No. 538
No. 540
No. 542
No. 544
THREE STY. BRICK & STUCCO BLDG.
TWO STORY BRICK BLDG.
No. 493
ONE STORY BRICK BLDG.
No. 495
ONE STORY BRICK BLDG.
No. 499
THREE STORY BRICK BLDG.
No. 501
YARD
(OPEN LOT)
FOUR STORY BRICK & CONC. BLDG.
No. 505
ONE STORY BLDG.
BLOCK 447
TAX LOT 7
BLOCK 440
TAX LOT 1
BLOCK 440
TAX LOT 9
BLOCK 440
TAX LOT 12
BLOCK 439
TAX LOT 1
Sliding Gate
Chain Link Fence
Concrete Sidewalk
Asphalt Pavement
Parking Lane
Bike Lane
Driveway
Pedestrian Crossing
Bike Crossing
Ramp Up
Platform
Handrail
Overhead Light
Metal Roll Down Gate
Electric Outlet
Mailbox
Flood Light
Fire Hydrant
Bollard
Building-Mounted Standpipe
Concrete Curb
Metal Cap
Bike Rack
Tree Pit
Awning
Metal Plate
Chain Link Fence
Covered Porch
Front Yard
Open Space Yard
Parallel with Meeker Street
Parallel with President Street
Independent Wall
Party Wall
Roof Cap Projects up to 2"
Chimney
Gas Vent-Pipe
Vent Pipe Projection
Ground Pipe
Sign
Step Up
Fire Dep. Hose
Fire Hose Connection
Metal Roll Down Gate
Electric Outlet, Mailbox
Bollard
Flood Light
Fire Hydrant
Building-Mounted Standpipe
Concrete Sidewalk



LEGEND:

- APPROXIMATE SITE BOUNDARY
- 1,000-FT BOUNDARY

KEY:

- 1 & 2 FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MIXED USE
- OPEN SPACE & OUTDOOR RECREATION
- COMMERICAL
- INSTITUTIONS
- INDUSTRIAL
- PARKING
- TRANSPORATION/UTILITIES
- VACANT LOTS

NOTES:

1. BASE MAP ADAPTED FROM HTTP://WWW.OASISNYC.NET/MAP.ASPX

250 0 100 250

SCALE IN FEET

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Project
514 UNION STREET
BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title
ADJACENT PROPERTY LAND USE MAP

Project No.	170361305
Date	12/9/19
Drawn By	TG
Checked By	PM

Figure No. 3

Sheet 3 of 7

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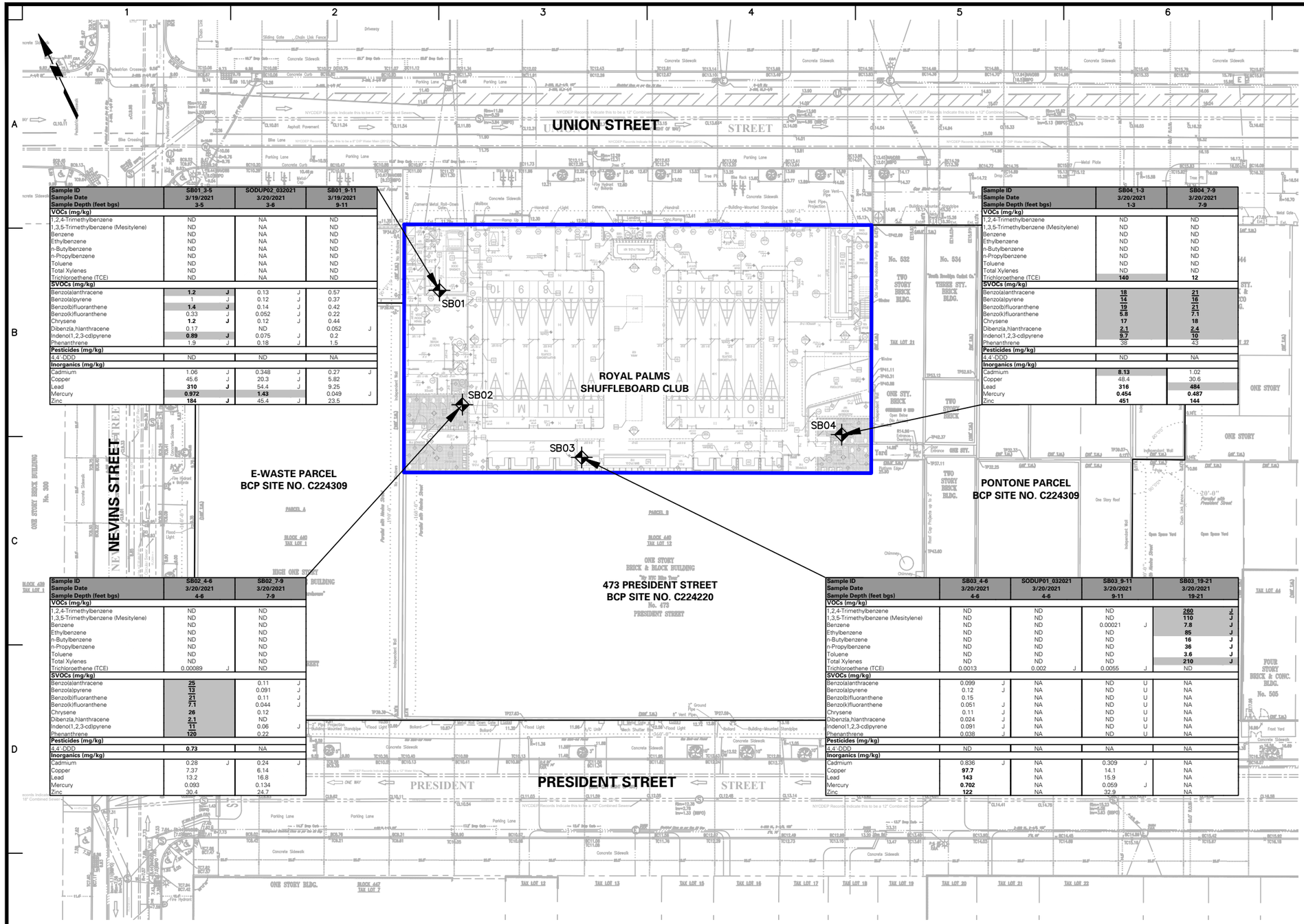
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\514 Union Street\RIWP\Figure 3 - Adjacent Property Land Use Map.dwg Date: 3/14/2022 Time: 15:35 User: bkoontz Style Table: Langan.stb Layout: Surrounding Uses



Sample ID	SB01_3-5		SODUP02_032021		SB01_9-11	
Sample Date	3/19/2021		3/20/2021		3/19/2021	
Sample Depth (feet bgs)	3-5		3-6		9-11	
VOCs (mg/kg)						
1,2,4-Trimethylbenzene	ND		NA		ND	
1,3,5-Trimethylbenzene (Mesitylene)	ND		NA		ND	
Benzene	ND		NA		ND	
Ethylbenzene	ND		NA		ND	
n-Butylbenzene	ND		NA		ND	
n-Propylbenzene	ND		NA		ND	
Toluene	ND		NA		ND	
Total Xylenes	ND		NA		ND	
Trichloroethene (TCE)	ND		NA		ND	
SVOCs (mg/kg)						
Benzo(a)anthracene	**1.2**	**J**	0.13	J	0.57	
Benzo(a)pyrene	1	J	0.12	J	0.37	
Benzo(b)fluoranthene	**1.4**	**J**	0.14	J	0.42	
Benzo(k)fluoranthene	0.33	J	0.052	J	0.22	
Chrysene	**1.2**	**J**	0.12	J	0.44	
Dibenz(a,h)anthracene	0.17		ND		0.052	J
Indeno(1,2,3-cd)pyrene	**0.89**	**J**	0.075	J	0.2	
Phenanthrene	1.9	J	0.18	J	1.5	
Pesticides (mg/kg)						
4,4'-DDD	ND		ND		NA	
Inorganics (mg/kg)						
Cadmium	1.06	J	0.348	J	0.27	J
Copper	45.6	J	20.3	J	5.82	
Lead	**310**	**J**	54.4	J	9.25	
Mercury	**0.972**		**1.43**		0.049	J
Zinc	**184**	**J**	45.4	J	23.5	

Sample ID	SB04_1-3	SB04_7-9
Sample Date	3/20/2021	3/20/2021
Sample Depth (feet bgs)	1-3	7-9
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND
Benzene	ND	ND
Ethylbenzene	ND	ND
n-Butylbenzene	ND	ND
n-Propylbenzene	ND	ND
Toluene	ND	ND
Total Xylenes	ND	ND
Trichloroethene (TCE)	**140**	**12**
SVOCs (mg/kg)		
Benzo(a)anthracene	**18**	**21**
Benzo(a)pyrene	**14**	**16**
Benzo(b)fluoranthene	**19**	**21**
Benzo(k)fluoranthene	**5.8**	**7.1**
Chrysene	**17**	**18**
Dibenz(a,h)anthracene	**2.1**	**2.4**
Indeno(1,2,3-cd)pyrene	**9.7**	**10**
Phenanthrene	38	43
Pesticides (mg/kg)		
4,4'-DDD	ND	NA
Inorganics (mg/kg)		
Cadmium	**8.13**	1.02
Copper	48.4	30.6
Lead	**316**	**484**
Mercury	**0.454**	**0.487**
Zinc	**451**	**144**

Sample ID	SB02_4-6	SB02_7-9
Sample Date	3/20/2021	3/20/2021
Sample Depth (feet bgs)	4-6	7-9
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND
Benzene	ND	ND
Ethylbenzene	ND	ND
n-Butylbenzene	ND	ND
n-Propylbenzene	ND	ND
Toluene	ND	ND
Total Xylenes	ND	ND
Trichloroethene (TCE)	0.00089 J	ND
SVOCs (mg/kg)		
Benzo(a)anthracene	**25**	0.11 J
Benzo(a)pyrene	**13**	0.091 J
Benzo(b)fluoranthene	**21**	0.11 J
Benzo(k)fluoranthene	**7.1**	0.044 J
Chrysene	**26**	0.12
Dibenz(a,h)anthracene	**2.1**	ND
Indeno(1,2,3-cd)pyrene	**11**	0.06 J
Phenanthrene	**120**	0.22
Pesticides (mg/kg)		
4,4'-DDD	**0.73**	NA
Inorganics (mg/kg)		
Cadmium	0.28 J	0.24 J
Copper	7.37	6.14
Lead	13.2	16.8
Mercury	0.093	0.134
Zinc	30.4	24.7

Sample ID	SB03_4-6	SODUP01_032021	SB03_9-11	SB03_19-21
Sample Date	3/20/2021	3/20/2021	3/20/2021	3/20/2021
Sample Depth (feet bgs)	4-6	4-6	9-11	19-21
VOCs (mg/kg)				
1,2,4-Trimethylbenzene	ND	ND	ND	**260** J
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND	ND	**110** J
Benzene	ND	ND	0.00021 J	**7.8** J
Ethylbenzene	ND	ND	ND	**85** J
n-Butylbenzene	ND	ND	ND	**16** J
n-Propylbenzene	ND	ND	ND	**36** J
Toluene	ND	ND	ND	**3.6** J
Total Xylenes	ND	ND	ND	**210** J
Trichloroethene (TCE)	0.0013	0.002 J	0.0055 J	ND
SVOCs (mg/kg)				
Benzo(a)anthracene	0.099 J	NA	ND U	NA
Benzo(a)pyrene	0.12 J	NA	ND U	NA
Benzo(b)fluoranthene	0.15	NA	ND U	NA
Benzo(k)fluoranthene	0.051 J	NA	ND U	NA
Chrysene	0.11 J	NA	ND U	NA
Dibenz(a,h)anthracene	0.024 J	NA	ND U	NA
Indeno(1,2,3-cd)pyrene	0.091 J	NA	ND U	NA
Phenanthrene	0.038 J	NA	ND U	NA
Pesticides (mg/kg)				
4,4'-DDD	ND	NA	NA	NA
Inorganics (mg/kg)				
Cadmium	0.836 J	NA	0.309 J	NA
Copper	**97.7**	NA	14.1	NA
Lead	**143**	NA	15.9	NA
Mercury	**0.702**	NA	0.059 J	NA
Zinc	**122**	NA	32.9	NA

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- SB01 — SOIL BORING LOCATION

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs
VOCs (mg/kg)			
1,2,4-Trimethylbenzene	3.6	52	190
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	190
Benzene	0.06	4.8	44
Ethylbenzene	1	41	390
n-Butylbenzene	12	100	500
n-Propylbenzene	3.9	100	500
Toluene	0.7	100	500
Total Xylenes	0.26	100	500
Trichloroethene (TCE)	0.47	21	200
SVOCs (mg/kg)			
Benzo(a)anthracene	1	1	5.6
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	5.6
Benzo(k)fluoranthene	0.8	3.9	56
Chrysene	1	3.9	56
Dibenz(a,h)anthracene	0.33	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6
Phenanthrene	100	100	500
Pesticides (mg/kg)			
4,4'-DDD	0.0033	13	92
Inorganics (mg/kg)			
Cadmium	2.5	4.3	9.3
Copper	50	270	270
Lead	63	400	1,000
Mercury	0.18	0.81	2.8
Zinc	109	10,000	10,000

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE, RESTRICTED USE RESTRICTED-RESIDENTIAL AND RESTRICTED USE COMMERCIAL SOIL CLEANUP OBJECTIVES (SCO).
4. ONLY DETECTED ANALYTES WITH CONCENTRATIONS ABOVE THE APPLICABLE SCOs ARE SHOWN.
5. DETECTED ANALYTICAL RESULTS ABOVE UNRESTRICTED USE SCOs ARE BOLDED.
6. DETECTED ANALYTICAL RESULTS ABOVE RESTRICTED USE RESTRICTED-RESIDENTIAL SCOs ARE SHADED.
7. DETECTED ANALYTICAL RESULTS ABOVE RESTRICTED USE COMMERCIAL SCOs ARE UNDERLINED.
8. SAMPLE SODUP02_032021 IS A DUPLICATE SAMPLE OF SB01_3-5 AND SAMPLE SODUP01_032021 IS A DUPLICATE SAMPLE OF SB03_4-6.
9. bgs = BELOW GRADE SURFACE
10. mg/kg = MILLIGRAMS PER KILOGRAM
11. NA = NOT ANALYZED
12. ND = NOT DETECTED
13. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Project: 514 UNION STREET

BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title: HISTORICAL SOIL SAMPLING RESULTS MAP

Project No. 170361305
Date 04/13/2021
Drawn By MA
Checked By VDP

Figure No. 4

Sheet 4 of 7

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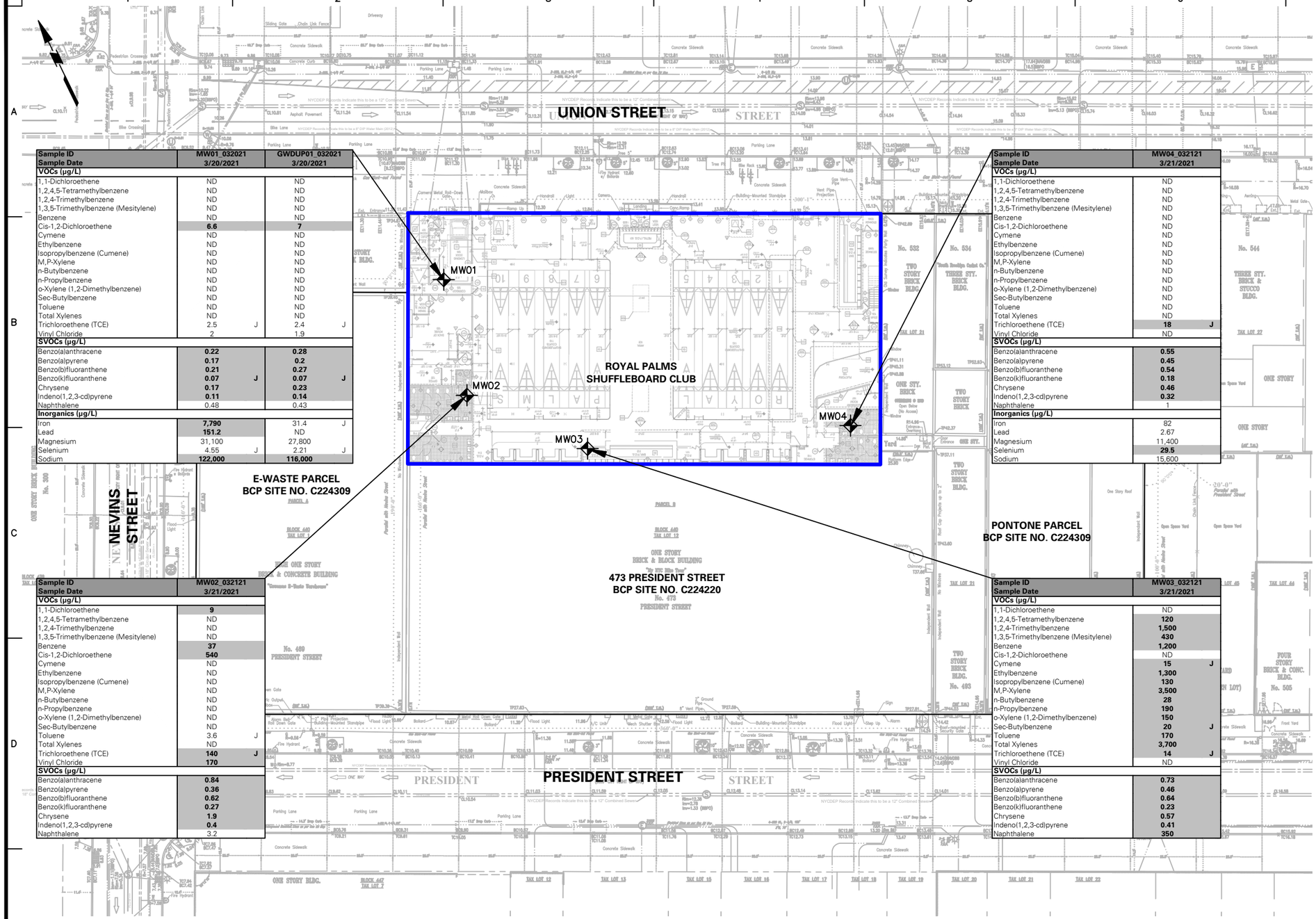

Sample ID	MW01_032021		GWDUP01_032021	
Sample Date	3/20/2021		3/20/2021	
VOCs (µg/L)				
1,1-Dichloroethene	ND		ND	
1,2,4,5-Tetramethylbenzene	ND		ND	
1,2,4-Trimethylbenzene	ND		ND	
1,3,5-Trimethylbenzene (Mesitylene)	ND		ND	
Benzene	ND		ND	
Cis-1,2-Dichloroethene	**6.6**		**7**	
Cymene	ND		ND	
Ethylbenzene	ND		ND	
Isopropylbenzene (Cumene)	ND		ND	
M,P-Xylene	ND		ND	
n-Butylbenzene	ND		ND	
n-Propylbenzene	ND		ND	
o-Xylene (1,2-Dimethylbenzene)	ND		ND	
Sec-Butylbenzene	ND		ND	
Toluene	ND		ND	
Total Xylenes	ND		ND	
Trichloroethene (TCE)	2.5	J	2.4	J
Vinyl Chloride	2		1.9	
SVOCs (µg/L)				
Benzo(a)anthracene	**0.22**		**0.28**	
Benzo(a)pyrene	**0.17**		**0.2**	
Benzo(b)fluoranthene	**0.21**		**0.27**	
Benzo(k)fluoranthene	**0.07**	**J**	**0.07**	**J**
Chrysene	**0.17**		**0.23**	
Indeno(1,2,3-cd)pyrene	**0.11**		**0.14**	
Naphthalene	0.48		0.43	
Inorganics (µg/L)				
Iron	**7,790**		31.4	J
Lead	**151.2**		ND	
Magnesium	31,100		27,800	
Selenium	4.55	J	2.21	J
Sodium	**122,000**		**116,000**	

Sample ID	MW04_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	ND
1,2,4,5-Tetramethylbenzene	ND
1,2,4-Trimethylbenzene	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND
Benzene	ND
Cis-1,2-Dichloroethene	ND
Cymene	ND
Ethylbenzene	ND
Isopropylbenzene (Cumene)	ND
M,P-Xylene	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
o-Xylene (1,2-Dimethylbenzene)	ND
Sec-Butylbenzene	ND
Toluene	ND
Total Xylenes	ND
Trichloroethene (TCE)	**18** **J**
Vinyl Chloride	ND
SVOCs (µg/L)	
Benzo(a)anthracene	**0.55**
Benzo(a)pyrene	**0.45**
Benzo(b)fluoranthene	**0.54**
Benzo(k)fluoranthene	**0.18**
Chrysene	**0.46**
Indeno(1,2,3-cd)pyrene	**0.32**
Naphthalene	1
Inorganics (µg/L)	
Iron	82
Lead	2.67
Magnesium	11,400
Selenium	**29.5**
Sodium	15,600

Sample ID	MW02_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	**9**
1,2,4,5-Tetramethylbenzene	ND
1,2,4-Trimethylbenzene	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND
Benzene	**37**
Cis-1,2-Dichloroethene	**540**
Cymene	ND
Ethylbenzene	ND
Isopropylbenzene (Cumene)	ND
M,P-Xylene	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
o-Xylene (1,2-Dimethylbenzene)	ND
Sec-Butylbenzene	ND
Toluene	3.6 J
Total Xylenes	ND
Trichloroethene (TCE)	**140** **J**
Vinyl Chloride	**170**
SVOCs (µg/L)	
Benzo(a)anthracene	**0.84**
Benzo(a)pyrene	**0.36**
Benzo(b)fluoranthene	**0.62**
Benzo(k)fluoranthene	**0.27**
Chrysene	**1.9**
Indeno(1,2,3-cd)pyrene	**0.4**
Naphthalene	3.2

Sample ID	MW03_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	ND
1,2,4,5-Tetramethylbenzene	**120**
1,2,4-Trimethylbenzene	**1,500**
1,3,5-Trimethylbenzene (Mesitylene)	**430**
Benzene	**1,200**
Cis-1,2-Dichloroethene	ND
Cymene	**15** **J**
Ethylbenzene	**1,300**
Isopropylbenzene (Cumene)	**130**
M,P-Xylene	**3,500**
n-Butylbenzene	**28**
n-Propylbenzene	**190**
o-Xylene (1,2-Dimethylbenzene)	**150**
Sec-Butylbenzene	**20** **J**
Toluene	**170**
Total Xylenes	**3,700**
Trichloroethene (TCE)	**14** **J**
Vinyl Chloride	ND
SVOCs (µg/L)	
Benzo(a)anthracene	**0.73**
Benzo(a)pyrene	**0.46**
Benzo(b)fluoranthene	**0.64**
Benzo(k)fluoranthene	**0.23**
Chrysene	**0.57**
Indeno(1,2,3-cd)pyrene	**0.41**
Naphthalene	**350**

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- MW01 — MONITORING WELL LOCATION

Analyte	NYSDEC SGVs
VOCs (µg/L)	
1,1-Dichloroethene	5
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene (Mesitylene)	5
Benzene	1
Cis-1,2-Dichloroethene	5
Cymene	5
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylene	5
n-Butylbenzene	5
n-Propylbenzene	5
o-Xylene (1,2-Dimethylbenzene)	5
Sec-Butylbenzene	5
Toluene	5
Total Xylenes	5
Trichloroethene (TCE)	5
Vinyl Chloride	2
SVOCs (µg/L)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Inorganics (µg/L)	
Iron	300
Lead	25
Magnesium	35000
Selenium	10
Sodium	20000

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES AND REGULATIONS (NYCRR) PART 703.5 AND THE NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR CLASS GA WATER (HEREIN COLLECTIVELY REFERENCED AS "NYSDEC SGVs").
4. ONLY DETECTED ANALYTES WITH CONCENTRATIONS ABOVE THE APPLICABLE NYSDEC SGVs ARE SHOWN.
5. CRITERION COMPARISONS FOR TOTAL XYLENES AND M,P-XYLENE ARE PROVIDED FOR REFERENCE. PROMULGATED NYSDEC SGVs ARE FOR O-XYLENE, M-XYLENE, AND P-XYLENE.
6. DETECTED ANALYTICAL RESULTS ABOVE NYSDEC SGVs ARE BOLDED AND SHADED.
7. SAMPLE GWDUP01_032021 IS A DUPLICATE SAMPLE OF MW01_032021.
8. µg/L = MICROGRAMS PER LITER.
9. ND = NOT DETECTED.
10. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Figure Title: HISTORICAL GROUNDWATER SAMPLING RESULTS MAP

Project No.	170361305
Date	04/13/2021
Drawn By	MA
Checked By	VDP

Figure No. 5

Sheet 5 of 7

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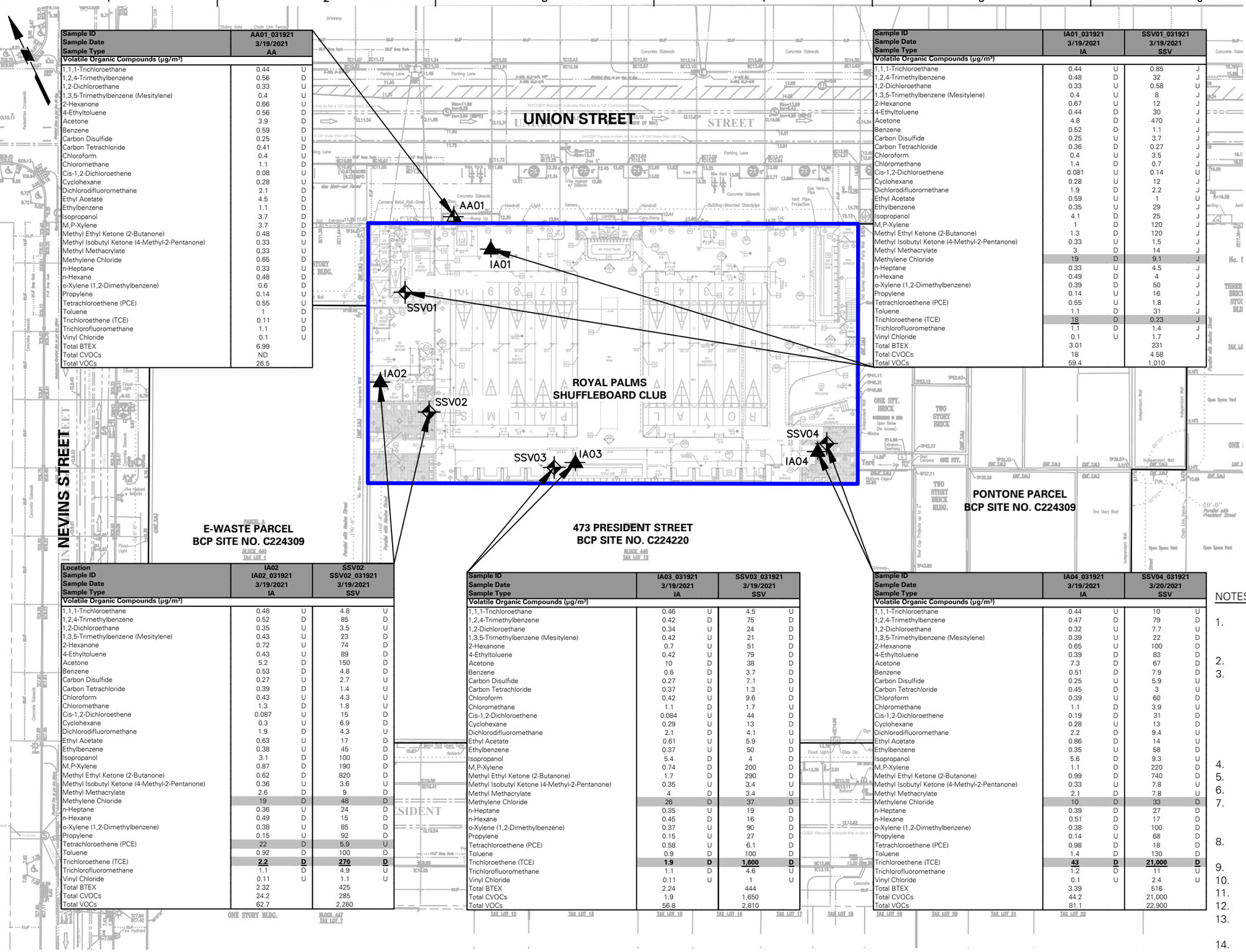
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\514 Union Street\RIWP\Figure 5 - Historical Groundwater Sampling Results Map.dwg Date: 3/11/2022 Time: 13:45 User: bkoontz Style Table: Langan.stb Layout: ANSIB-BL



Sample ID	AA01_031921	
Sample Date	3/19/2021	
Sample Type	AA	
Volatile Organic Compounds (µg/m³)		
1,1,1-Trichloroethane	0.44	U
1,2,4-Trimethylbenzene	0.56	D
1,2-Dichloroethane	0.33	U
1,3,5-Trimethylbenzene (Mesitylene)	0.4	U
2-Hexanone	0.66	U
4-Ethyltoluene	0.56	D
Acetone	3.9	D
Benzene	0.59	D
Carbon Disulfide	0.25	U
Carbon Tetrachloride	0.41	D
Chloroform	0.4	U
Chloromethane	1.1	D
Cis-1,2-Dichloroethene	0.08	U
Cyclohexane	0.28	U
Dichlorodifluoromethane	2.1	D
Ethyl Acetate	4.5	D
Ethylbenzene	1.1	D
Isopropanol	3.7	D
M,P-Xylene	3.7	D
Methyl Ethyl Ketone (2-Butanone)	0.48	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U
Methyl Methacrylate	0.33	U
Methylene Chloride	0.65	D
n-Heptane	0.33	U
n-Hexane	0.48	D
o-Xylene (1,2-Dimethylbenzene)	0.6	D
Propylene	0.14	U
Tetrachloroethene (PCE)	0.55	U
Toluene	1	D
Trichloroethene (TCE)	0.11	U
Trichlorofluoromethane	1.1	D
Vinyl Chloride	0.1	U
Total BTEX	6.99	
Total CVOCs	ND	
Total VOCs	26.5	

Sample ID	IA01_031921		SSV01_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.44	U	0.85	J
1,2,4-Trimethylbenzene	0.48	D	32	J
1,2-Dichloroethane	0.33	U	0.58	U
1,3,5-Trimethylbenzene (Mesitylene)	0.4	U	8	J
2-Hexanone	0.67	U	12	J
4-Ethyltoluene	0.44	D	30	J
Acetone	4.8	D	470	J
Benzene	0.52	D	1.1	J
Carbon Disulfide	0.25	U	3.7	J
Carbon Tetrachloride	0.36	D	0.27	J
Chloroform	0.4	U	3.5	J
Chloromethane	1.4	D	0.7	J
Cis-1,2-Dichloroethene	0.081	U	0.14	U
Cyclohexane	0.28	U	12	J
Dichlorodifluoromethane	1.9	D	2.2	J
Ethyl Acetate	0.59	U	1	U
Ethylbenzene	0.35	U	29	J
Isopropanol	4.1	D	25	J
M,P-Xylene	1	D	120	J
Methyl Ethyl Ketone (2-Butanone)	1.3	D	120	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U	1.5	J
Methyl Methacrylate	3	D	14	J
Methylene Chloride	19	D	9.1	J
n-Heptane	0.33	U	4.5	J
n-Hexane	0.49	D	4	J
o-Xylene (1,2-Dimethylbenzene)	0.39	D	50	J
Propylene	0.14	U	16	J
Tetrachloroethene (PCE)	0.55	U	1.8	J
Toluene	1.1	D	31	J
Trichloroethene (TCE)	18	D	0.23	J
Trichlorofluoromethane	1.1	D	1.4	J
Vinyl Chloride	0.1	U	1.7	J
Total BTEX	3.01		231	
Total CVOCs	18		4.58	
Total VOCs	59.4		1,010	

Location	IA02		SSV02	
Sample ID	IA02_031921		SSV02_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.48	U	4.8	U
1,2,4-Trimethylbenzene	0.52	D	85	D
1,2-Dichloroethane	0.35	U	3.5	U
1,3,5-Trimethylbenzene (Mesitylene)	0.43	U	23	D
2-Hexanone	0.72	U	74	D
4-Ethyltoluene	0.43	U	89	D
Acetone	5.2	D	150	D
Benzene	0.53	D	4.8	D
Carbon Disulfide	0.27	U	2.7	U
Carbon Tetrachloride	0.39	D	1.4	U
Chloroform	0.43	U	4.3	U
Chloromethane	1.3	D	1.8	U
Cis-1,2-Dichloroethene	0.087	U	15	D
Cyclohexane	0.3	U	6.9	D
Dichlorodifluoromethane	1.9	D	4.3	U
Ethyl Acetate	0.63	U	17	D
Ethylbenzene	0.38	U	45	D
Isopropanol	3.1	D	100	D
M,P-Xylene	0.87	D	190	D
Methyl Ethyl Ketone (2-Butanone)	0.62	D	820	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.36	U	3.6	U
Methyl Methacrylate	2.6	D	9	D
Methylene Chloride	19	D	48	D
n-Heptane	0.36	U	24	D
n-Hexane	0.49	D	15	D
o-Xylene (1,2-Dimethylbenzene)	0.38	U	85	D
Propylene	0.15	U	92	D
Tetrachloroethene (PCE)	22	D	5.9	U
Toluene	0.92	D	100	D
Trichloroethene (TCE)	2.2	D	270	D
Trichlorofluoromethane	1.1	D	4.9	U
Vinyl Chloride	0.11	U	1.1	U
Total BTEX	2.32		425	
Total CVOCs	24.2		285	
Total VOCs	62.7		2,260	

Sample ID	IA03_031921		SSV03_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.46	U	4.5	U
1,2,4-Trimethylbenzene	0.42	D	75	D
1,2-Dichloroethane	0.34	U	24	D
1,3,5-Trimethylbenzene (Mesitylene)	0.42	U	21	D
2-Hexanone	0.7	U	51	D
4-Ethyltoluene	0.42	U	79	D
Acetone	10	D	38	D
Benzene	0.6	D	3.7	D
Carbon Disulfide	0.27	U	7.1	D
Carbon Tetrachloride	0.37	D	1.3	U
Chloroform	0.42	U	9.6	D
Chloromethane	1.1	D	1.7	U
Cis-1,2-Dichloroethene	0.084	U	44	D
Cyclohexane	0.29	U	13	D
Dichlorodifluoromethane	2.1	D	4.1	U
Ethyl Acetate	0.61	U	5.9	U
Ethylbenzene	0.37	U	50	D
Isopropanol	5.4	D	4	D
M,P-Xylene	0.74	D	200	D
Methyl Ethyl Ketone (2-Butanone)	1.7	D	290	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.35	U	3.4	U
Methyl Methacrylate	4	D	3.4	U
Methylene Chloride	26	D	37	D
n-Heptane	0.35	U	19	D
n-Hexane	0.45	D	16	D
o-Xylene (1,2-Dimethylbenzene)	0.37	U	90	D
Propylene	0.15	U	27	D
Tetrachloroethene (PCE)	0.58	U	6.1	D
Toluene	0.9	D	100	D
Trichloroethene (TCE)	1.9	D	1,600	D
Trichlorofluoromethane	1.1	D	4.6	U
Vinyl Chloride	0.11	U	1	U
Total BTEX	2.24		444	
Total CVOCs	1.9		1,650	
Total VOCs	56.8		2,810	

Sample ID	IA04_031921		SSV04_031921	
Sample Date	3/19/2021		3/20/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.44	U	10	U
1,2,4-Trimethylbenzene	0.47	D	79	D
1,2-Dichloroethane	0.32	U	7.7	U
1,3,5-Trimethylbenzene (Mesitylene)	0.39	U	22	D
2-Hexanone	0.65	U	100	D
4-Ethyltoluene	0.39	D	83	D
Acetone	7.3	D	67	D
Benzene	0.51	D	7.9	D
Carbon Disulfide	0.25	U	5.9	U
Carbon Tetrachloride	0.45	D	3	U
Chloroform	0.39	U	60	D
Chloromethane	1.1	D	3.9	U
Cis-1,2-Dichloroethene	0.19	D	31	D
Cyclohexane	0.28	U	13	D
Dichlorodifluoromethane	2.2	D	9.4	U
Ethyl Acetate	0.86	D	14	U
Ethylbenzene	0.35	U	58	D
Isopropanol	5.6	D	9.3	U
M,P-Xylene	1.1	D	220	D
Methyl Ethyl Ketone (2-Butanone)	0.99	D	740	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U	7.8	U
Methyl Methacrylate	2.1	D	7.8	U
Methylene Chloride	10	D	33	D
n-Heptane	0.39	D	27	D
n-Hexane	0.51	D	17	D
o-Xylene (1,2-Dimethylbenzene)	0.38	D	100	D
Propylene	0.14	U	68	D
Tetrachloroethene (PCE)	0.98	D	18	D
Toluene	1.4	D	130	D
Trichloroethene (TCE)	43	D	21,000	D
Trichlorofluoromethane	1.2	D	11	U
Vinyl Chloride	0.1	U	2.4	U
Total BTEX	3.39		516	
Total CVOCs	44.2		21,000	
Total VOCs	81.1		22,900	

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- SB01 — SUB-SLAB VAPOR POINT SAMPLE LOCATION
- IA01 — INDOOR AIR SAMPLE LOCATION
- AA01 — AMBIENT AIR SAMPLE LOCATION

Analyte	NYSDOH AGVs
Volatile Organic Compounds (µg/m³)	
1,1,1-Trichloroethane	~
1,2,4-Trimethylbenzene	~
1,2-Dichloroethane	~
1,3,5-Trimethylbenzene (Mesitylene)	~
2-Hexanone	~
4-Ethyltoluene	~
Acetone	~
Benzene	~
Carbon Disulfide	~
Carbon Tetrachloride	~
Chloroform	~
Chloromethane	~
Cis-1,2-Dichloroethene	~
Cyclohexane	~
Dichlorodifluoromethane	~
Ethyl Acetate	~
Ethylbenzene	~
Isopropanol	~
M,P-Xylene	~
Methyl Ethyl Ketone (2-Butanone)	~
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~
Methyl Methacrylate	~
Methylene Chloride	60
n-Heptane	~
n-Hexane	~
o-Xylene (1,2-Dimethylbenzene)	~
Propylene	~
Tetrachloroethene (PCE)	30
Toluene	~
Trichloroethene (TCE)	2
Trichlorofluoromethane	~
Vinyl Chloride	~
Total BTEX	~
Total CVOCs	~
Total VOCs	~

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. CO-LOCATED SUB-SLAB VAPOR AND INDOOR AIR SAMPLE ANALYTICAL RESULTS ARE EVALUATED USING THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK DECISION MATRICES FOR SUB-SLAB VAPOR AND INDOOR AIR AND SUBSEQUENT UPDATE (2017) AND TO THE NYSDOH AIR GUIDELINE VALUES (AGVs) AS SET FORTH IN THE NYSDOH OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK AND SUBSEQUENT UPDATES (2013, 2015).
4. ONLY DETECTED ANALYTES ARE SHOWN.
5. AMBIENT AIR SAMPLE ANALYTICAL RESULTS ARE SHOWN FOR REFERENCE ONLY.
6. DETECTED ANALYTICAL RESULTS ABOVE THE NYSDOH AGVs SAMPLE ARE UNDERLINED.
7. DETECTED ANALYTICAL RESULTS ABOVE THE MINIMUM THRESHOLD FOR WHICH IDENTIFICATION OF SOURCE(S) AND RESAMPLING OR MITIGATION IS RECOMMENDED ARE SHADED.
8. DETECTED ANALYTICAL RESULTS ABOVE THE MINIMUM THRESHOLD FOR WHICH MITIGATION IS RECOMMENDED ARE BOLDED AND SHADED.
9. ~ = REGULATORY LIMIT FOR THIS ANALYTE DOES NOT EXIST.
10. µg/m³ = MICROGRAMS PER CUBIC METER
11. AA = AMBIENT AIR; IA = INDOOR AIR; SSV = SUB-SLAB VAPOR
12. D = THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE.
13. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
14. U = THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE REPORTING LIMIT (RL) OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Project
514 UNION STREET
BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title
HISTORICAL SOIL VAPOR SAMPLING RESULTS MAP

Project No. 170361305
Date 04/13/2021
Drawn By MA
Checked By VDP

Figure No. 6
Sheet 6 of 7

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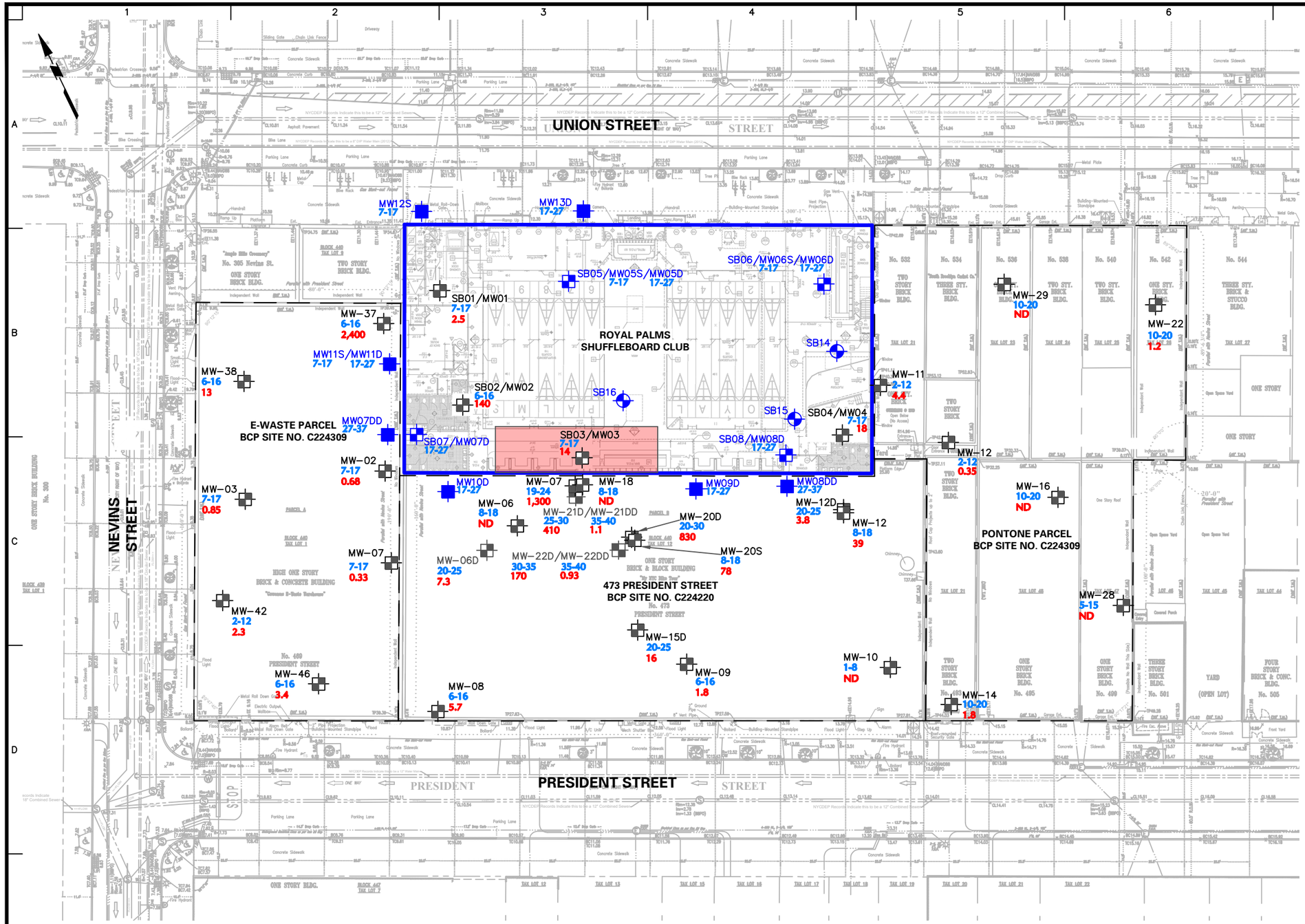
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\514 Union Street\RIWP\Figure 6 - Historical Soil Vapor Sampling Results Map.dwg Date: 3/11/2022 Time: 13:48 User: bkoontz Style Table: Langan.stb Layout: ANSIB-BL



LEGEND:

- SITE BOUNDARY
- ADJOINING BCP SITE BOUNDARY
- MW01 — PREVIOUS TEMPORARY MONITORING WELL
- SB07/MW07D — PROPOSED SOIL BORING/MONITORING WELL
- MW07DD — PROPOSED OFF-SITE MONITORING WELL
- SB14 — PROPOSED SOIL BORING
- AOC 1: HISTORIC FILL (ENTIRE SITE)
- AOC 2: CHLORINATED SOLVENT IMPACTS (ENTIRE SITE)
- AOC 3: PETROLEUM IMPACTS FROM AN OFF-SITE SOURCE
- 7-17 — WELL SCREEN INTERVAL IN FEET BGS
- 140 — TCE CONCENTRATION IN µG/L

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS ARE APPROXIMATE.
3. PREVIOUS ON-SITE TEMPORARY MONITORING WELLS WERE REMOVED FOLLOWING COMPLETION OF THE 2021 LIMITED SUBSURFACE INVESTIGATION.
4. MONITORING WELL ID SUFFIX FOR PROPOSED WELLS REPRESENTS SCREENED INTERVAL AS FOLLOWS:
   - S = 7-17 FEET BGS
   - D = 17-27 FEET BGS
   - DD = 27-37 FEET BGS
4. PREVIOUS MONITORING WELL SCREENS AND TRICHLOROETHENE (TCE) CONCENTRATIONS ARE DOCUMENTED IN THE MAY 2021 LIMITED SUBSURFACE INVESTIGATION FOR 514 UNION STREET, THE OCTOBER 2020 REMEDIAL INVESTIGATION REPORT FOR PRESIDENT STREET PROPERTIES, AND THE NOVEMBER 2017 REMEDIAL INVESTIGATION REPORT FOR 473 PRESIDENT STREET
5. AOC = AREA OF CONCERN
6. BGS = BELOW GRADE SURFACE
7. µG/L = MICROGRAMS PER LITER
8. ND = NOT DETECTED

40 0 20 40
SCALE: 1 INCH = 40 FEET

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Project: 514 UNION STREET
BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title: AREAS OF CONCERN AND PROPOSED SAMPLE LOCATION PLAN

Project No.	170361305
Date	02/02/2022
Drawn By	MA
Checked By	VDP

Figure No. 7
Sheet 7 of 7

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Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\514 Union Street\RIWP\Figure 7 – Areas of Concern and Proposed Sample Location Plan.dwg Date: 5/11/2022 Time: 17:09 User: bkoontz Style Table: Langan.stb
Layout: ANSIB-BL

APPENDIX A

PREVIOUS REPORTS

CARLIN • SIMPSON & ASSOCIATES

Consulting Geotechnical and Environmental Engineers

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Tel. (732) 432-5757
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Principal:
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Kurt W. Anke
Eric J. Shaw

24 July 2014

EcoRise Development LLC
550 Grand Street
Brooklyn, NY 11211

Attn: Ms. Cynthia Schlegel
Partner

Re: Report on Phase I Environmental Site Assessment
465-471 President Street (Block 440, Lot 1)
514-530 Union Street (Block 440, Lot 12)
339-341 Nevins Street (Block 447, Lots 1 and 2)
431 Carroll Street (Block 447, Lot 60)
Brooklyn, New York (14-77)

Dear Ms. Schlegel:

In accordance with our proposal dated 15 April 2014 and your subsequent authorization, we have completed a Phase I Environmental Site Assessment (ESA) for the above-referenced property pursuant to American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-13). These methodologies are described as representing good commercial and customary practice for conducting an environmental site assessment of a property for the purpose of identifying recognized environmental conditions. We understand that the subject property is being considered for purchase and redevelopment.

The subject property is located on President Street, Union Street, Nevins Street, and Carroll Street in Brooklyn, Kings County, New York, as shown on the location map in Appendix A of this report. The larger parcel (Block 440) is approximately 48,955 square feet in area and the smaller parcel (Block 447) is approximately 4,100 square feet in area. The site is also identified as Block 440, Lots 1 and 12, Block 447, Lots 1, 2, and 60 on deed and property records.

The purpose of the Phase I ESA was to identify recognized environmental conditions in connection with the subject property. ASTM defines the term "recognized environmental conditions" as follows: "the presence or likely presence of any hazardous substances or petroleum products on or at a property: 1) due to a release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment".

Our scope of work for the Phase I ESA included the following:

1) A physical review of the subject property and the surrounding area in order to determine potential contamination sources to the site. Site photographs are presented in Appendix B of this report.

2) A literature review of the subject property to determine previous and present owners. This review is done to learn of the current and previous uses of the subject property and determine their potential for discharges to the environment.

3) A literature review of regulatory records for the compliance history of the subject property and all properties within the radius specified in ASTM E-1527 from the referenced site. Environmental professionals universally recognize this standard for the performance of ESAs.

4) Interviews with current occupants and representatives of the property owner.

5) Analysis of the literature listed above and field data obtained for the preparation of this report, which contains the results and our recommendations. Sources of data examined/reviewed are listed in Appendix F of this report.

EXECUTIVE SUMMARY

EcoRise Development LLC retained Carlin-Simpson & Associates to perform a Phase I Environmental Site Assessment (ESA) for the properties identified as Block 440, Lots 1 and 12 and Block 447, Lots 1, 2, and 60, which are located on President Street, Union Street, Nevins Street, and Carroll Street in Brooklyn, Kings County, New York and is subsequently referred to in this report as "the subject property" or "the subject site". This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation: E1527-13).

The purpose of this assessment was to identify, to the extent feasible, recognized environmental conditions in connection with the property. This assessment included a site and area reconnaissance, as well as a records search, and interviews with local government agencies and property representatives. The findings for the subject site are outlined below.

The results of this assessment have revealed three (3) recognized environmental conditions associated with the subject property. These conditions are as follows:

- The subject site is listed on the NYSDEC Leaking Underground Storage Tanks (LTANKS) database for a 3,500-gallon unregistered fuel oil tank that failed a tank test in 1994. Information provided by the owner indicates that this tank was abandoned in-place in 2001, but no soil sampling was performed below the tank prior to abandonment. It is possible that the site has been impacted as a result of this tank.

- The available historical information indicates that the site has a long history of industrial use. Waste management and general housekeeping practices at the site while being used for industrial purposes are unknown. Therefore, the past industrial use of the site is a recognized environmental condition (REC) since there is a possibility that the site has been detrimentally impacted as a result of these previous uses.

- Based on the database search results, there are two (2) nearby properties that may have impacted the subject property. These sites are the Gowanus Canal and the Verizon property on Nevins Street, which are both located to the west of the site. Given the proximity of these properties to the subject site, there is a possibility that contamination from these properties has impacted the groundwater below the site.

The results of this assessment have revealed no historical recognized environmental conditions and no controlled recognized environmental conditions in connection with the subject site.

This assessment has also identified three (3) de minimis conditions associated with the site, which are listed below. De minimis conditions do not present a current material risk of harm to public health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

- Suspect asbestos containing materials (ACM) were observed inside the building at 473-491 President Street during this assessment. The observed materials included pipe

insulation, vinyl floor tiles, and ceiling tiles. Based on the age of the structure, asbestos containing materials may be present in other portions of the building as well.

- Former structures were identified on the site. Former structures are an environmental concern since buried remains (i.e. foundations, debris, etc.) may still exist on the property. Buried building debris could possibly contain asbestos containing materials and/or lead based paint. Items such as fuel oil tanks and/or piping from oil tanks may have also been buried near or within the former building areas. In addition, the site may contain historic fill material (i.e. ash and cinders), which was historically used below building slabs and to raise grades in industrialized areas.

- Both parcels of the subject property are located within the 100-year and/or 500-year flood zones. This indicates that there is a risk of flooding at the subject site.

There were no data gaps that significantly affected our ability to identify recognized environmental conditions associated with the property. Any limitations and exceptions are discussed in Section 9.0 of this report. No additional services beyond the scope of the ASTM Standard 1527-13 were conducted as part of this assessment.

Recommendations

Our recommendations for the subject property are summarized below.

- A Phase II Environmental Site Investigation (ESI) is recommended to investigate the recognized environmental conditions (RECs) discussed in this report. This investigation should include soil and groundwater sampling at the site.

- If no evidence of contamination is encountered around the abandoned fuel oil tank, the information should be submitted to the NYSDEC for the purpose of closing out the LTANKS case.

- In the event that buried debris is encountered in the areas of the former structures or historic fill material is encountered at the site, we recommend that these materials be completely removed from the site and properly disposed of at off-site facilities that accept these types of materials. The fill and debris should be removed and disposed of in accordance with all applicable local and state requirements. Depending on the type of materials encountered, the fill and debris materials may also have to be segregated for disposal purposes.

- We also recommend that an asbestos survey be performed prior to any renovation or demolition of the existing site buildings.

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1.0 PROPERTY OVERVIEW

1.1 Property Location

The subject property consists of the following properties: 1) 514-530 Union Street; 2) 465-471 President Street aka 313-323 Nevins Street; 3) 473-491 President Street; 4) 339-341 Nevins Street; and 5) 431 Carroll Street, which are located in Brooklyn, Kings County, New York, as shown on the location map in Appendix A of this report.

These properties make up two (2) parcels that are referred to as Block 440, Lots 1 and 12 and Block 447, Lots 1, 2, and 60. The Block 440 parcel is located on the east side of Nevins Street and is bound by Union Street and President Street to the north and south, respectively. This property is approximately 48,955 square feet in total area. The Block 447 parcel is located on the east side of Nevins Street and is bound by Carroll Street to the south. This property is approximately 4,100 square feet in total area.

1.2 Current Use and Description of the Property

The subject site currently contains two (2) buildings, which include a large one-story building on Union Street and President Street and a tall one-story building on Nevins Street and President Street. Both buildings have slab on grade floors with no basements. There is also an asphalt paved parking lot on the corner of Nevins Street and Carroll Street.

The one-story building on Union Street is occupied by Royal Palm Shuffleboard Club and the portion of the one story structure on President Street is currently vacant but was recently occupied by a wholesale warehouse company. The tall one-story structure with mezzanine on President Street and Nevins Street is currently occupied by Lower East Side Ecology Center aka E-Waste Warehouse.

1.3 Current Use of Adjoining Properties

The properties immediately surrounding the subject site generally consist of commercial, industrial, and some residential properties. The subject site is bordered by Union Street to the north followed by multi-family residential and commercial properties that include an auto repair facility. To the east are residential and commercial properties along Union Street, President Street, and Carroll Street. To the south of the site is Carroll Street followed by commercial and industrial properties that include a parking area for food trucks and a contractor's building. The site is bordered by Nevins Street to the west followed by an industrial building (formerly Verizon) and then the Gowanus Canal.

1.4 Present and Previous Owners

During our literature review, we searched property transfer records and tax records at the New York City Register's Office. Block 440, Loy 1 is currently owned by 469 President St. Co., LLC while Block 440, Lot 12 is currently owned by 473 President St. Co., LLC. The parcels identified as Block 447, Lots 1, 2, and 60 are owned by James Ribellino. The previous property owners and the transfer dates are summarized in the following tables.

Table 1A: Summary of Previous Property Owners
Block 440, Lot 1 – aka 469 President Street

Date	Grantee	Grantor	Book-Page
12/30/1999	469 President St. Co. LLC	James & Lita Ribellino	4787-2391
3/2/1983	James Ribellino	Jalita Realty Corp.	1399-822
10/11/1980	Jalita Realty Corp.	IRT Property Company (formerly Summit Properties)	1201-1379
9/12/1972	Summit Properties	Akers Motor Lines Inc.	585-148
6/3/1968	Akers Motor Lines Inc.	Valley Realty Corp.	739-488
1/24/1968	Valley Realty Corp.	Harry Solomon	664-13

Table 1B: Summary of Previous Property Owners
Block 440, Lot 12 – aka 514 Union Street

Date	Grantee	Grantor	Book-Page
12/30/1999	473 President St. Co. LLC	James & Lita Ribellino	4787-2394
12/30/1994	James & Lita Ribellino	Jalita Realty Corp.	3446-1704
3/2/1983	James Ribellino	Jalita Realty Corp.	1399-822
11/3/1979	Jalita Realty Corp.	Milton Lansky	1107-1858
4/15/1974	Milton Lansky	Lansky Die Cutting Corp.	704-933
10/19/1972	Lansky Die Cutting Corp.	530 Union Street Co. (corrected deed)	590-151
5/6/1960	Milton Lansky	530 Union Street Co.	8932-533

Table 1C: Summary of Previous Property Owners
Block 447, Lots 1 and 2 – aka 341 Nevins Street

Date	Grantee	Grantor	Book-Page
8/7/1985	James Ribellino	New York City Public Dev. Corp.	1678-1993
8/7/1985	New York City Public Dev. Corp.	City of New York	1678-1986
8/17/1982	City of New York	Finance Administrator of the City of New York (Foreclosure)	1333-1670
10/20/1970	Clementine Giordano	Salvatore & Marie Giordano	442-1360

Table 1D: Summary of Previous Property Owners
Block 447, Lot 60 – aka 431 Carroll Street

Date	Grantee	Grantor	Book-Page
8/7/1985	James Ribellino	New York City Public Dev. Corp.	1678-1993
8/7/1985	New York City Public Dev. Corp.	City of New York	1678-1986
8/17/1982	City of New York	Finance Administrator of the City of New York (Foreclosure)	1333-1670
pre-1966	Anthony & Margaret Parlypiano	Unknown	---

Other than those listed in Tables 1A through 1D above, no other deeds could be found for the subject site during this assessment.

1.5 Environmental Liens

No records of any environmental liens were found during this assessment. A copy of the EDR Environmental Lien Search Report is included in Appendix E of this report.

1.6 Historical Document Review

In order to determine the prior uses of the subject property, we reviewed topographic maps, aerial photographs, Sanborn maps, and City Directory data which were all provided by Environmental Data Resources (EDR). Our observations of the reviewed documents are outlined below.

1.6.1 Historical Topographic Maps

During this study, we reviewed seven (7) historical topographic maps, which were provided by EDR. The maps were dated 1900, 1924, 1947, 1956, 1967, 1979, and 1995.

The 1900 and 1924 topographic maps show Brooklyn and the general area of the site. The Gowanus Canal is present to the west of the site. The streets around the site are all present and the site is shown as developed with buildings but the scale of the maps is too small to determine the any specific characteristics of the subject property. The area surrounding the site appears to be densely developed on these maps.

The 1947 map indicates that the site and the surrounding area are densely developed. The site appears to be completely covered with buildings but the map does not show specific structures on the subject property. The Gowanus Canal and all of the surrounding streets are visible.

The 1956 map identifies developed areas but only shows large structures and public buildings. The site and the surrounding area are shaded to indicate that they are densely developed. There are no structures shown on the subject property but larger structures are shown on adjacent properties to the west and south of the site.

The 1967 map is consistent with the previous map. The site and the surrounding area are shaded to indicate that they are densely developed. There are no structures shown on the subject property or on adjacent properties.

The 1979 map is photo-revised from the 1967 map. The site and immediate surrounding area conditions are generally consistent with the previous map.

On the 1995 map, the site and the surrounding areas appear to be generally consistent with the previous maps. All of these maps identify the site and the immediate surrounding areas as densely developed. No structures or public buildings are identified on the site or on adjacent properties. The Gowanus Canal is also shown to the west of the site. A copy of this topographic map is included as Figure 1 in Appendix A of this report.

1.6.2 Aerial Photographs

As part of this assessment, we also reviewed ten (10) aerial photographs, dated 1924, 1943, 1954, 1966, 1975, 1984, 1994, 2006, 2009, and 2011, which were also provided by EDR.

The 1924 aerial photograph indicates that the subject site is densely developed with existing buildings. The type of buildings cannot be determined from the photograph but a larger building on the northern parcel appears to be for industrial use. This structure appears to be generally consistent with the existing site building at this location. The Gowanus Canal is visible to the west of the site and all of the surrounding streets are present. The area surrounding the site is also densely developed except for the large parcel to the immediate west, which appears to be mostly open or possibly under construction.

The 1943 photograph appears to be generally consistent with the previous photograph. No significant changes were noted since 1924.

The 1954 aerial photograph also appears to be generally consistent with the previous photographs except that a few buildings have been constructed on the property to the west of the site. There are still several buildings present on the site but we are unable to distinguish any specific details about the site from this photograph.

On the 1966 photograph, there appears to be fewer structures present on the southern parcel of the subject property. In addition, a larger building has been constructed on the property to the west of the site. This structure appears to be consistent with the existing building at this location. A large number of trucks or trailers appear to be parked around the building.

On the 1975 photograph, the northern parcel of the site contains one (1) large building (consistent with the existing President Street/Union Street building) and a parking lot along Nevins Street. All of the previous smaller structures along Nevins Street have been removed. The southern parcel contains at least two (2) structures and appears to be generally consistent with the previous photograph. The areas surrounding the site appear to be generally consistent with the previous photographs.

The 1984 photograph is too dark to make out any specific details about the site. From what we can see, the surrounding area conditions appear to be generally consistent with the previous photograph.

The 1994 photograph is a little blurry but we are able to see that a second building has been constructed on the northern parcel. This building is consistent with the existing Nevins Street building. We are unable to make out any specific details about the southern parcel on this photograph. The areas surrounding the site appear to be generally consistent with the previous photographs.

The 2006 aerial photograph clearly indicates that the southern parcel is a parking lot and the northern parcel contains two (2) buildings that cover the site. These structures are consistent with the existing site buildings. The areas surrounding the site appear to be generally consistent with the previous photographs with a mix of commercial, industrial, and residential use.

On the 2009 and 2011 photographs, the site and surrounding area conditions appear to be generally consistent with the previous photographs. The site contains two (2) buildings on the northern parcel and a parking lot on the southern parcel. The areas surrounding the site appear to be used for a mix of commercial, industrial, and residential purposes. A copy of the 2011 photograph is included as Figure 2 in Appendix A of this report.

1.6.3 Sanborn Maps

During this assessment, we reviewed 26 Sanborn maps, dated 1886, 1904, 1915, 1938, 1950, 1969, 1977, 1979, 1980, 1981, 1982, 1986, 1987, 1988, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007, which were also provided by EDR. Copies of select Sanborn maps are available in Appendix D of this report.

On the 1886 map, the northern parcel of the site consists of larger buildings that are occupied by Kenyon and Newton Sash and Door Factory. The area along Nevins Street is occupied by eight (8) two-story and three-story structures that included dwellings and storefronts, as well as a few one-story auxiliary structures (i.e. sheds or garages). The southern parcel is occupied by four (4) two-story and three-story structures that contain stores. The areas surrounding the site include a mix of uses that include a paper mill to the south, a lumber yard to the west, a lime, brick, and lath yard to the northwest, and residential and commercial use to the north and east. The Gowanus Canal is also shown to the west of the site.

The 1904 and 1915 Sanborn maps indicate that the site conditions are generally consistent with the previous map. The larger building on the northern parcel is now occupied by Albro J. Newton Co. Trim and Planing Mill and a few of the structures along Nevins Street are now identified as dwellings instead of storefronts. There are lumber yards to the east and south of the site as well as a small yard between the two site parcels. There also appears to have been additional residential and commercial development to the north and east of the site.

The 1938 and 1950 maps indicate that the large building on the northern parcel is now occupied by Coca-Cola Bottling Co. of NY. There are two (2) gasoline tanks identified in the center of the building. The buildings on the remaining portions of the site are generally consistent with the previous maps. One building on the Nevins Street/Carroll Street property has been removed by 1950. The areas to the north, east, and south of the site also appear to be generally consistent with the previous maps. The property to the west is now identified as Kopper's Seaboard Coke Co. and one property between the two site parcels is identified as a garage and auto repair facility with a gasoline tank towards the front of the building near Nevins Street.

On the 1969 map, the large building on the northern parcel is now occupied by Dolin Metal Manufacturing Co. All of the small buildings on the northern lot along Nevins Street have been removed and the property now consists of a parking lot. There are still three (3) structures present on the southern parcel. A new building has been constructed on the property to the west of the site (built 1958) and is now identified as Motor Freight Stations. The garage and auto repair facility is still present between the two site parcels. The area to the south of the site is occupied by North East Plastics Co. and a junkyard.

The 1977 and 1979 Sanborn maps are generally consistent with the previous maps except that on the 1979 map, the property to the west is identified as NY Telephone Company. No

significant changes were noted on the subject site or on properties immediately surrounding the site since 1969.

The 1980, 1981, and 1982 maps indicate that the northern parcel is generally consistent with the previous maps. However, only one (1) structure (a two-story dwelling) remains on the southern parcel at 431 Carroll Street. The remainder of the southern parcel is vacant and presumably a parking lot. The area surrounding the site appears to be generally consistent with the previous maps.

On the 1986, 1987, 1988, 1991, and 1992 Sanborn maps, a warehouse building is present along Nevins Street on the northern parcel (built 1985). The southern parcel is completely vacant and presumably a parking lot. The garage and auto repair facility is still present between the two parcels and the areas surrounding the subject site appear to be generally consistent with the previous maps.

The 1993, 1995, and 1996 maps indicate that Dolin Metal Manufacturing Co. no longer occupies the larger building on the northern parcel of the site. The building use just says manufacturing and storage with no occupant named. The remaining site and surrounding area conditions appear to be generally consistent with the previous maps.

On the 2001 and 2002 maps, the site and surrounding area conditions appear to be generally consistent with the previous maps except that the building to the west of the site is now occupied by Bell Atlantic (Verizon).

The 2003, 2004, 2005, and 2006 Sanborn map indicate that the southern parcel is used for parking. The remaining site and surrounding area conditions appear to be generally consistent with the previous maps. No significant changes were noted on the subject site or on properties immediately surrounding the site.

The 2007 map is also generally consistent with the previous maps. No significant changes were noted on the subject property or on properties immediately surrounding the site. The southern parcel consists of a parking lot and the northern parcel has two buildings (one warehouse and one manufacturing/storage) that encompass the entire parcel. The area between the two site parcels consists of a garage and auto repair facility (not observed at the time of the site visit) and a candle manufacturing company (still present at the time of this assessment). The building to the west of the site is still occupied by Bell Atlantic/Verizon and the building to the southwest is still occupied by North East Plastics Co. on this map. There is a truck repair shop and a junkyard to the south of the site. To the north and east are commercial and residential properties along Carroll Street, President Street, and Union Street.

1.6.4 City Directories

City directory data was also provided by EDR for select years between 1928 and 2013. The City Directory listings for the subject site are summarized in the following table. No other pertinent information was provided in the city directory data.

Table 2: City Directory Listings

Year	Address	Name
1928	313 Nevins 431 Carroll	Nevins Horse Shoeing Co. Minichini Residence
1934	315 Nevins 317 Nevins 319 Nevins 321 Nevins 323 Nevins 339 Nevins 431 Carroll	Two-family Residential Albert Hughes John Giordano Multi-family Residential Multi-family Residential Multi-family Residential Minichini Residence
1940	313 Nevins	Sam Russo
1945	313 Nevins	Sam Russo
1949	469 President 313 Nevins	Opotow Dental Mfg. Co., Faraday Labs Pharm. Mfr. Amer Maintenance Corp.
1960	469 President 473 President 315 Nevins 317 Nevins 514 Union	Opotow Dental Mfg. Co. Lansky Die Cutting Corp. Two-family Residential Maria Rodriguez Leon Speder
1965	473 President 313 Nevins 317 Nevins	Royal Mark Envelope Co., Hi Craft Envelope Co. Inc. Empire Maintenance Co. Maria Rodriguez, Pauline Gonzalez
1970	473 President 313 Nevins	Royal Mark Envelope Co., Hi Craft Envelope Co. Inc. Empire Maintenance Co.
1973	313 Nevins 431 Carroll	Empire Maintenance Co. Margaret Parlypiano
1976	431 Carroll	Margaret Parlypiano
1985	473 President	Omni Mail Inc.
1992	473 President	Omni Mail & Computer Marketing
1997	473 President	Figliolia Contracting
2000	473 President	Omni Mail
2005	473 President	Standard and Poors
2008	469 President 473 President	Precision Marketing Concepts Inc. McGraw Hill Co. Inc.
2013	469 President 473 President	Precision Marketing Empire Trade Wholesale, Figlioloa Contracting

1.6.5 Summary of Past Property Use(s)

The Sanborn maps and other available information indicate that the large one-story building on Union Street and President Street was previously occupied by the following:

- Kenyon and Newton Sash and Door Factory in 1886;
- Albro J. Newton Co. Trim and Planing Mill in 1904 and 1915;
- Coca-Cola Bottling Co. of NY in 1938 and 1950;
- Dolin Metal Manufacturing Co. from 1969 to 1992; and
- Warehouse occupied by Omni Mail then Empire Trade Wholesale in the 1990s and 2000s.

The Sanborn maps also indicate that the tall one-story building on Nevins Street and President Street was built in 1985 and that the property was occupied by a parking lot back to 1969. The 1950, 1938, 1915, and 1904 Sanborn maps indicate that this parcel was occupied by nine (9) two-story and three-story structures that included dwellings, tenements, and storefronts, as well as a few one-story auxiliary structures (i.e. sheds or garages).

The existing parking lot on the corner of Nevins Street and Carroll Street has been present back to circa-1986. On the 1980 and 1982 maps, there is a two-story dwelling at 431 Carroll Street but the rest of the property is vacant, presumably a parking lot. The previous Sanborn maps indicate that the property was occupied by two (2) two-story and two (2) three-story buildings that consisted of dwellings and storefronts, as well as a few one-story auxiliary structures (i.e. sheds or garages). No other prior uses of the subject property could be found during this assessment.

The available historical information indicates that the site has a long history of industrial use, which includes Dolin Metal Manufacturing Co. between 1969 and 1992, Coca-Cola Bottling Co. of NY in 1938 and 1950, and woodworking businesses between 1886 and 1915. Typical contaminants associated with metal manufacturing operations include heavy metals (i.e. cadmium, chromium, and nickel), solvents, acids, and cyanide. Typical contaminants associated with woodworking include paints, stains, wood preservatives, adhesives, etc. The Sanborn maps also show two (2) gasoline tanks inside the one-story site building in 1938 and 1950. Waste management and general housekeeping practices at the site while being used for industrial purposes are unknown. Therefore, the past industrial use of the site is a recognized environmental condition (REC) since there is a possibility that the site has been detrimentally impacted as a result of these previous uses.

The former structures on the site are also an environmental concern since buried remains (i.e. foundations, debris, septic tanks, wells, etc.) may still exist on the property. Buried building debris could possibly contain asbestos containing materials and/or lead based paint. Items such as fuel oil tanks and/or piping from oil tanks may have also been buried near or within the former building areas. In addition, the site parcels may contain historic fill material (i.e. ash and cinders), which was historically used below building slabs and to raise grades in industrialized areas. This material is often contaminated with polycyclic aromatic hydrocarbons (PAHs) and metals. Any fill or debris material that is removed from the site as part of the proposed development must be properly disposed of at off-site facilities that accept these types of waste materials. Depending on the type of materials encountered, the fill and/or debris may also have to be segregated for disposal purposes.

2.0 ENVIRONMENTAL SETTING OF THE PROPERTY

2.1 Soils

According to the New York City Reconnaissance Soil Survey, the soils in the area of the subject site consist of urban land. Urban land is where at least 80% of the surface is covered with impervious pavement and buildings, which makes it difficult to identify the underlying soils. Typically with Urban Land, the site has been filled and/or the natural soil layers have been altered or mixed with manufactured materials, such as bricks, crushed concrete, or cinders. In the area of the site, the urban land has 0 to 8 percent slopes and is underlain by a wet substratum (swamp, tidal marsh, or open water). Near the site, the urban land is also underlain by glacial till.

2.2 Topography and Surface Drainage

The site is located at approximately 12 feet above the National Geodetic Vertical Datum (NGVD) with the general topography in the vicinity of the site decreasing gently to the west. Rainwater on the subject property is currently discharged to the ground surface where it is directed to drain inlets on the site or catch basins in the surrounding streets.

2.3 Hydrology

No water courses or wetland areas were observed on the subject property during the site visit. Based upon the topographic maps and the site conditions, we expect that groundwater is less than 10 feet beneath the ground surface on the subject property. Based on the topography in the vicinity of the site, we expect that local groundwater generally flows in a westerly direction towards the Gowanus Canal.

According to Environmental Data Resources (EDR), which reviewed wetlands maps and flood zone maps for the subject property and surrounding areas, the subject site does not contain any federal or state regulated wetland areas. However, the site is located within the 100-year and 500-year flood zones. A map showing the nearby wetland and flood zone areas is available within the EDR Database Report in Appendix C of this report.

2.4 Radon Evaluation

Radon is a naturally occurring radioactive gas that originates from the natural breakdown of uranium in soil, rock, and water. Radon has the ability to migrate through soil, entering buildings through cracks and other holes in building foundations. Although the amount of radon in outdoor air is low, radon can become concentrated indoors.

Radon breaks down into solid radioactive particles known as radon progeny that can remain suspended in the air for a considerable length of time. When radon or radon progeny are inhaled, they can damage lung tissue which may eventually lead to lung cancer. Therefore, the greater the concentration of radon, the greater the risk to human health. The United States Environmental Protection Agency (USEPA) has established a threshold value for radon at 4 picocuries per liter (pCi/l) of air. If radon concentrations are above 4-pCi/l, then further action is warranted to mitigate a potential radon problem.

Radon tests have been performed throughout the state of New York. This test data is categorized by zip codes and used to assign a Tier Rating for each county and their respective municipalities. These Tier Ratings are provided below along with a brief explanation of what they represent:

Zone 1 - High Radon Potential:	Average indoor levels exceed 4 pCi/l.
Zone 2 - Moderate Radon Potential:	Average indoor levels are between 2-4 pCi/l
Zone 3 - Low Radon Potential:	Average indoor levels are less than 2 pCi/l

Kings County is rated as Tier 3 – Low Radon Potential. Based upon the EPA radon tests data and the subsequent ratings issued for the area of the subject property, we believe that radon gas is not an issue at the referenced site.

3.0 ADJACENT PROPERTIES & OFF-SITE CONTAMINATION SOURCES

The area surrounding the subject property consists primarily of commercial, industrial, and some residential properties. The subject site is bordered by Union Street to the north followed by commercial and multi-family residential properties. To the east are residential and commercial properties along Union Street, President Street, and Carroll Street. To the south of the site is Carroll Street followed by commercial and industrial properties. The site is bordered by Nevins Street to the west followed by an industrial building and then the Gowanus Canal.

To determine potential off-site sources that may impact the subject site, we contracted EDR to perform a database search within a specified radius of the site as stated in the tables below. These radii meet or exceed the distances established by the ASTM E-1527 standard that are commonly used by environmental professionals when performing an ESA. A summary of our database findings is provided in the tables below.

We also conducted a visual inspection of properties adjacent to the subject property to determine if sources of contamination exist that could potentially impact the subject property. An evaluation of the database information and a description of observations made during our inspection of the adjacent properties are provided following the database summary tables.

Table 3: Federal Environmental Database Search Results

Federal Databases - ASTM Standard	Search Radius	Number of Sites within Search Radius	Number of Sites with Potential to Impact the Property
National Priorities List – Superfund (NPL)	1.0 mile	**1**	**1**
Delisted NPL Sites (DELISTED NPL)	1.0 mile	**-**	**-**
Comprehensive Environmental Response, Compensation, & Liability Information System (CERCLIS)	0.5 mile	**1**	**1**
No Further Remedial Action Planned Sites (CERC-NFRAP)	0.25 mile	**2**	**0**
Resource Conservation & Recovery Act • Treatment, Storage, & Disposal Facility (RCRA-TSDF)	0.5 mile	**-**	**-**
• Corrective Action Sites (CORRACTS)	1.0 mile	**1**	**0**
• Large Quantity Generators (RCRA-LQG)	0.25 mile	**4**	**0**
• Small Quantity Generators (RCRA-SQG)	0.25 mile	**4**	**0**
• Conditionally Exempt Small Quantity Generators (RCRA-CESQG)	0.25 mile	**5**	**0**
• Non-Generator (RCRA-NonGen)	0.25 mile	**39**	**0**
US Eng/Inst Controls	0.5 mile	**-**	**-**
Emergency Response Notification System (ERNS)	TP	**-**	**-**
Federal Databases Not Within ASTM Standard (Partial List)			
US Brownfields	0.5 mile	**-**	**-**
Department of Defense Sites (DOD)	1.0 mile	**-**	**-**
Superfund Consent Decree (CONSENT)	1.0 mile	**-**	**-**

Federal Databases - ASTM Standard	Search Radius	Number of Sites within Search Radius	Number of Sites with Potential to Impact the Property
Records Of Decision (ROD)	1.0 mile	**1**	**1**
Uranium Mill Tailing Sites (UMTRA)	0.5 mile	-	-
Mines Master Index File (MINES)	0.25 mile	-	-
Toxic Chemical Release Inventory System (TRIS)	TP	-	-
Toxic Substance Control Act (TSCA)	TP	-	-
PCB Activity Database System (PADS)	TP	-	-
Facility Index System (FINDS)	TP	-	-
Hazardous Mgmt. Info. Reporting System (HMIRS)	TP	-	-
Material Licensing Tracking System (MLTS)	TP	-	-
RCRA Admin. Action Tracking System (RAATS)	TP	-	-

Note – Not all databases are listed. Refer to the EDR Report in Appendix C for the complete list.
TP – Target Property

The subject property is not listed on any of the federal databases that were reviewed during this assessment. The federal database search did identify several nearby sites on the federal databases as shown in Table 3 above.

Upon review of the database report, we find that most of the identified facilities are located either down-gradient or cross-gradient of the site, are located a significant distance from the subject property, or are non-generators or small quantity generators with no violations. It is unlikely that these facilities have detrimentally impacted the subject property. However, there is one (1) listed property that may have detrimentally impacted the subject site.

The Gowanus Canal, which is located one (1) block to the west of the subject site, was placed on the National Priorities List (Superfund) in March 2010 since it is one of the most heavily contaminated water bodies in the nation. This site is also listed on the CERCLIS and ROD databases. This 1.8 mile long, 100 foot wide canal was built in the 19th century and historically was home to many industries including manufactured gas plants, cement factories, oil refineries, tanneries, and chemical plants. After nearly 150 years of use, the canal has become heavily contaminated with polychlorinated biphenyls (PCBs), heavy metals, pesticides, volatile organic compounds (VOCs), sewage solids from combined sewer overflows, and polycyclic aromatic hydrocarbons (PAHs). Given the proximity of the canal to the subject property, there is a possibility that contamination from the canal has impacted the groundwater below the site.

Table 4: State Environmental Database Search Results

New York Databases - ASTM Standard	Search Radius	Number of Sites within Search Radius	Number of Sites with Potential to Impact the Property
State Hazardous Waste	1.0 mile	**7**	**1**
Vapor Intrusion Sites	1.0 mile	-	-
Solid Waste Landfill (SWF/LF)	0.5 mile	**9**	**0**

New York Databases - ASTM Standard	Search Radius	Number of Sites within Search Radius	Number of Sites with Potential to Impact the Property
Leaking Storage Tanks (LTANKS)	0.5 mile	**TP / 42**	**TP / 1**
Historic Leaking Storage Tanks	0.5 mile	**-**	**-**
Underground Storage Tanks (UST)	0.25 mile	**25**	**1**
Chemical Bulk Storage (CBS UST, CBS AST)	0.25 mile	**2**	**0**
Major Oil Storage Facility (MOSF)	0.5 mile	**2**	**0**
New York Aboveground Storage Tanks (AST)	0.25 mile	**24**	**1**
Engineering/Institutional Controls	0.5 mile	**2**	**0**
Voluntary Cleanup Program Sites (VCP)	0.5 mile	**1**	**0**
New York Brownfield	0.5 mile	**7**	**0**
Open Dump Inventory (ODI)	0.5 mile	**-**	**-**
Registered Recycling Facility (SWRCY)	0.5 mile	**2**	**0**
Registered Tire Storage and Facility List (SWTIRE)	0.5 mile	**-**	**-**
Delisted State Hazardous Sites (DEL SHWS)	1.0 mile	**1**	**0**
Historic UST/AST	0.25 mile	**16**	**1**
New York Spills	0.125 mile	**32**	**1**
New York Historic Spills	0.125 mile	**-**	**-**
New York Databases Not Within ASTM Standard			
Hazardous Substance Waste Disposal Site Inventory	0.5 mile	**1**	**0**
NY Facility and Manifest Data (MANIFEST)	0.25 mile	**56**	**1**
NY E-Designation	0.1 mile	**1**	**0**
NY Drycleaners	0.25 mile	**3**	**0**
Pollution Discharge Elimination System (NPDES)	TP	**-**	**-**
Coal Ash Disposal Site Listing (COAL ASH)	0.5 mile	**-**	**-**
Manufactured Gas Plant	1.0 mile	**5**	**0**
Historic Auto Stations/Facilities	0.25 mile	**35**	**0**
Historic Cleaners	0.25 mile	**4**	**0**

Note – Not all databases are listed. Refer to the EDR Report in Appendix C for the complete list.
TP – Target Property

The subject property is listed on the Leaking Storage Tanks (LTANKS) database with spill number 9412605. The record indicates that there was a tank test failure at the site in 1994 related to a 3,500-gallon unregistered fuel oil tank. This storage tank is discussed in more detail in Section 5.2.2 of this report.

The state database search also identified several nearby sites on the state databases as shown in Table 4 above. Upon review of the database report, we find that most of the identified facilities are either down-gradient or cross-gradient of the subject site, are located a significant distance from the subject property, and/or their cases have been closed by the appropriate governing agency. It is unlikely that these facilities will detrimentally impact the subject property. However, there are two (2) listed properties that may have detrimentally impacted the subject site. These properties are discussed below.

The Gowanus Canal, which is located one (1) block to the west of the subject site, is listed on the State Hazardous Waste Site (SHWS) database. This site is discussed in the federal database search results section above.

In addition, the former New York Telephone and Verizon, property, which is located at 318 Nevins Street, is situated across Nevins Street to the immediate west of the subject site. This property is listed on several of the state databases including the following:

- Leaking Storage Tanks (LTANKS) with a case that was closed in 2003.
- Underground Storage Tank (UST) with four (4) closed tanks.
- Historic Underground Storage Tank (Historic UST) with a total capacity of 8,275 gallons in seven (7) tanks that are now closed.
- Aboveground Storage Tank (AST) with one (1) closed tank.
- NY Spills database with four (4) reported spills, one of which is still open because of gasoline contamination in the groundwater.
- NY Manifest database for transport and disposal of hazardous material from the property.

Although the exact location of the spills on the Verizon property are unknown, given the proximity of this property to the subject site, there is a possibility that groundwater contamination from this property has impacted the groundwater below the subject site as well.

We also visited other properties surrounding the subject site to visually inspect for evidence of off-site sources of contamination. Other than the facilities discussed above, we found no indicators on the adjacent properties that would cause concern for detrimental environmental impacts to the subject site.

4.0 GOVERNMENT AGENCY FINDINGS

During our literature review, we examined documents supplied by EDR and we visited or contacted several local government offices. In addition, we contacted the New York State Department of Environmental Conservation (NYSDEC) and the New York City Department of Health and Mental Hygiene under the Freedom of Information Law (FOIL) to request a file search of department records that may be applicable to the site. The purpose of the records review was to obtain and review records that will help identify recognized environmental concerns in connection with the property. The agencies contacted are listed in Appendix F of this report. Described below are our findings for the subject property.

4.1 Local Government Agency Findings

At the local level, we visited or contacted the City Register, Department of Buildings, Department of City Planning, and Finance Department.

Based on our review of information obtained from these offices, we confirmed that the site is identified as Block 440, Lots 1 and 12 and Block 447, Lots 1, 2, and 60. The Block 440 lots are currently owned by 469 President St. Co. LLC and 473 President St. Co. LLC, respectively. The Block 447 lots are all currently owned by James Ribellino. The Block 440 parcel is approximately 48,955 square feet in total area and the Block 447 parcel is approximately 4,100 square feet in total area.

The Department of Buildings information indicates that Block 440, Lot 1 (465-471 President Street aka 313-323 Nevins Street) has one (1) existing building on the site and that there were previous structures present. There are no listed restrictions. The records show that there was one (1) complaint in 1990 that was unsubstantiated and 14 reported violations that were all later dismissed. No details were provided. There were reportedly alterations made to the existing building that included new partition walls, sprinkler system items, and HVAC equipment on the roof. The field actions included 11 alterations made between 1903 and 1946, building notices from 1931 and 1932, demolition permits from 1908, 1911, 1931, and 1932, an oil burner application from 1906, new building permits in 1911, and 1946, and plumbing repairs in 1903, 1904, 1905, 1931, and 1988. Certificates of occupancy (CO) were issued in 1948, 1950, 1986, and 2005. The CO from 1948 was for former Lot 5. This lot had a three-story building with a cellar that housed three families. The 1950 CO was for 321 and 323 Nevins Street. This property had a three-story building with a cellar that was heated with oil. There was manufacturing on the first floor, and office on the second floor, and a tenant on the third floor. The 1986 CO was for construction of the existing site building and the 2005 CO was for the existing building, which consists of a one-story warehouse with mezzanine.

The Department of Buildings information indicates that Block 440, Lot 12 (514-530 Union Street and 473-491 President Street) has one (1) existing building on the site. There are no listed restrictions. The records show that there were six (6) complaints from 2012 through 2014 and 12 reported violations between 1951 and 2004 that were all later dismissed. No details were provided. More recent alterations to the existing building included gas HVAC units in 1999, rooftop AC units in 2005, another AC unit in 2011, plumbing and structural work in 2012 and 2013, a new sprinkler system in 2013, and interior demolition work in 2012. In 1993, two (2) gas water heaters were installed and in 1997, five (5) oil heaters were converted to gas. Older work included 30 alterations between 1928 and 1969, building notices in 1942, 1981, and 1986, an oil

burner application in 1947, new buildings in 1908 and 1942, plumbing work in 1902, 1905, 1906, 1941, 1942, and 1949, and sprinklers in 1947. Certificates of occupancy (CO) were issued in 1928, 1938, 1959, and 2014. The 1928 CO was for 473-491 President Street, which included a one-story building that contained a warehouse and factory, an office, and two-car garage. The CO from 1938 was for a bottling plant at 473-491 President Street and 514-530 Union Street. There was a 550-gallon gasoline tank on the premises at this time. The 1959 CO was also for 473-491 President Street and 514-530 Union Street. The site building was used for die cutting at this time and the building was heated with fuel oil. The 2014 CO's are all related to the renovation of the 514-530 Union Street property into a shuffleboard club.

The Department of Buildings information lists Block 447, Lot 1 as 341 Nevins Street. There are no existing buildings and no listed restrictions. Alterations to previous buildings were made in 1946 and 1985 and building notices were issued in 1942 and 1967. In addition, certificates of occupancy (CO) were issued for this lot in 1954 and 1986. The 1954 CO indicates that there was a three-story building with a cellar. There were two (2) stores on the first floor and one-family apartments on the second and third floors. A demolition permit was issued in 1979. the Building Department had no files or records for Block 447, Lots 2 and 60.

At the Department of City Planning, we reviewed a Zoning Map for the area of the site, which was dated October 2012. The map indicates that the subject site is in Zone 'M1-2', which is a manufacturing district. M1 districts are often buffers between M2 or M3 districts and adjacent residential or commercial districts. This district typically includes light industrial uses, such as woodworking shops, repair shops, and wholesale service and storage facilities. No other pertinent information was available from the Department of City Planning.

No other agencies had any files pertaining to the subject property and none had any records or files for this property with regards to storage, use, or disposal of hazardous substances.

4.2 State Government Agency Findings

We received a letter from the NYSDEC Region 2 office acknowledging receipt of our FOIL request. As of the date of this report, we have not received any further information from the NYSDEC regarding our FOIL request. Any pertinent information obtained from this agency at a later date will be provided in an addendum letter.

4.3 Health Department Findings

We also received response letters from the New York City Department of Health and Mental Hygiene first acknowledging receipt of our FOIL request and then stating that no records could be located for the subject property. Copies of the response letters are attached in Appendix F of this report.

4.4 Permits, Licenses, and Registrations

According to all of the records we have reviewed at the local, county, state, and federal levels, there are no current environmental permits for the subject site.

4.5 Violations, Citations, and Inspections

Our review of the public records supplied by EDR indicates that there have been no administrative orders or citations written for the subject property by either state or federal environmental agencies. However, records reviewed at the New York City government offices indicate that there have been violations issued for the site by the Department of Buildings. Some of the violations are old and all of the reported violations have been closed or dismissed.

5.0 SITE VISIT

On 8 May 2014, the subject property was inspected by Ms. Meredith Anke of Carlin-Simpson & Associates. Ms. Anke was accompanied by Mr. Abraham Lowy and Mr. Michael Schlegel during the site visit. During this portion of this assessment, we conducted the following:

A) Inspected various site areas, observing general site conditions to determine if and where potential contamination sources might exist on the subject site and/or on adjacent properties.

B) Visually inspected the subject property and adjoining parcels for any recognized environmental concerns.

C) Investigated properties in the area that were listed in our literature review, for possible sources that could impact the subject site. All issues for off-site contamination are discussed in Section 3.0 above.

D) Interviewed knowledgeable personnel regarding the subject site. Refer to Section 6.0 below for more information.

The majority of the subject site was accessible at the time of the inspection. The only areas that we were not able to inspect were a few locked rooms and a former storage tank vault located at 473 President Street.

For this assessment we investigated all of the items listed in ASTM E-1527. Site photographs are presented in Appendix B of this report.

5.1 General Site Setting

The subject property consists of the following properties: 1) 514-530 Union Street; 2) 465-471 President Street aka 313-323 Nevins Street; 3) 473-491 President Street; 4) 339-341 Nevins Street; and 5) 431 Carroll Street, which are located in Brooklyn, Kings County, New York, as shown on the location map in Appendix A of this report.

These properties make up two (2) rectangular-shaped parcels that are referred to as Block 440, Lots 1 and 12 and Block 447, Lots 1, 2, and 60. The Block 440 parcel is located on the east side of Nevins Street and is bound by Union Street and President Street to the north and south, respectively. This parcel contains two (2) buildings that encompass the entire parcel. The Block 447 parcel is located on the east side of Nevins Street and is also bound by Carroll Street to the south. This parcel contains a relatively flat asphalt-paved parking lot that is surrounded by a chain-link fence.

5.1.1 Current Use(s) of the Property

The subject site currently contains two (2) buildings, which include a large one-story building on Union Street and President Street and a tall one-story building on Nevins Street and President Street. Both buildings have slab on grade floors with no basements. There is also an asphalt paved parking lot on the corner of Nevins Street and Carroll Street.

The one-story building on Union Street is occupied by Royal Palm Shuffleboard Club and the portion of the one story structure on President Street is currently vacant but was recently occupied by a wholesale warehouse company. The tall one-story structure with mezzanine on President Street and Nevins Street is currently occupied by Lower East Side Ecology Center aka E-Waste Warehouse.

5.1.2 General Description of Existing Structures

There are two (2) existing structures present on the subject property. The locations of these structures are shown on the Site Plan (Figure 3) in Appendix A of this report. The description of these structures is as follows:

The building located at 465-471 President Street aka 313-323 Nevins Street consists of a tall one-story structure with a mezzanine. The building has a concrete floor slab on grade with masonry block walls and a flat roof with metal framing. At the north end of the building is an office area that consists of sheetrock walls, carpeting or linoleum tiles on the floors, and a drop ceiling with fluorescent lights. The restrooms have tiled floors, sheetrock walls, and a drop ceiling.

The second building extends across the entire block from Union Street to President Street and contains two (2) interior spaces. On the Union Street side, the building is identified as 514-530 Union Street and is occupied by a shuffleboard club. This portion of the structure has a concrete floor slab on grade with brick and masonry block walls and a flat roof. The interior of the 514-530 Union Street property has been finished with a raised wood floor, sheetrock walls, and a wood ceiling. There are exposed pipes and ducts along the ceiling. The restrooms have tiled floors and walls with sheetrock ceilings.

On the President Street side, the building is identified as 473-491 President Street and consists of an empty warehouse building. This portion of the structure has a concrete floor slab on grade with brick and masonry block walls and a flat roof. The interior of the 473-491 President Street property consists mainly of an open warehouse with concrete floors, block, brick, and/or sheetrock walls, and overhead fluorescent lights. At the east end of the building is an office area that has sheetrock walls, vinyl floor tiles, and a drop ceiling with fluorescent lights. The restrooms have tiled floors and either tiled, paneled, or sheetrock walls.

5.1.3 Roads and Parking

There are no roads located on the subject site but the Nevins Street/Carroll Street property (Block 447, Lots 1, 2, and 60) is occupied by an asphalt-paved parking lot.

5.1.4 Potable Water Supply

Potable water is provided to the existing buildings by the City of New York.

5.1.5 Sewage Disposal System

The existing buildings are currently connected to the public sanitary sewer system, which is maintained by the City of New York.

5.1.6 Other Utilities

The buildings are also provided with natural gas that is supplied by National Grid and electricity service that is supplied by Con-Edison.

There is also a storm drain located in the parking lot on the Nevins Street/Carroll Street parcel. No staining or evidence of hazardous waste dumping was observed around the drain at the time of this assessment. This drain is reportedly connected to the local stormwater collection system, which is maintained by the City of New York.

5.2 Interior and Exterior Observations

5.2.1 Hazardous Substances

Very small quantities of hazardous substances were observed on the subject property during the site visit. These materials included cleaning supplies and maintenance items (paint, joint compound, floor sealer, propane cylinders, etc.) that were stored in their original containers inside the site buildings.

No other materials were observed and no improper storage or use of materials was observed on the subject property during this assessment. In addition, no evidence of deliberate dumping or on-site hazardous waste disposal (i.e. stained surficial soils, stressed vegetation, odors, etc.) was observed on the property at the time of the site visit.

No radioactive materials were observed on the subject property at the time of our inspection. Also, no records of past storage and/or disposal of hazardous materials or radioactive materials were found during this assessment.

Given the types, limited quantity, condition, and storage locations of the observed materials, the existing hazardous materials are not an environmental concern.

5.2.2 Storage Tanks

Determining the presence of Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs) is considered essential in assessing potential contamination sources. Visual inspection and the review of tank registration records are used to determine the possible existence of past and present storage tanks at the subject property. It must be noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of storage tanks on the subject property.

No aboveground storage tanks (ASTs) were observed on the subject property during this assessment and no evidence of existing underground storage tanks (USTs), such as fill ports or vent pipes, was observed on the site during this study.

As discussed above in Section 3, the subject property is listed in the NYSDEC Leaking Storage Tanks (LTANKS) database as Omni Mail located at 473 President Street with a secondary address of 514 Union Street. The spill number is 9412605. According to the database record, a 3,500-gallon unregistered fuel oil tank was formerly present on the site but there was a tank test failure on an abandoned line in 1994 that resulted in the LTANKS listing.

The owner's representative initially indicated that a fuel oil tank was removed from an underground vault area located on the President Street side of the building in the 1990s and that closure documentation was available from the owner. Information later provided by the owner indicated that the tank was actually abandoned in-place (pumped out, cleaned, and filled with sand) in September 2001 under the supervision of Omega-Abra Engineering LLC. A copy of the information provided by the property owner is attached in Appendix F of this report. The fill line was reportedly cemented, the vent line was removed, and other lines were reportedly plugged and/or capped. No information regarding soil sampling was provided.

The abandoned in-place fuel oil tank is a recognized environmental condition (REC) since there is an open LTANKS case related to this tank and no closure soil samples were collected from below the tank prior to abandonment.

5.2.3 Odors

At the time of this assessment, there was a pungent trash odor inside the 473-491 President Street building. No unusual or unidentified odors were noted in the remaining building spaces or on the exterior of the subject property.

5.2.4 Drums

No drums were observed on the subject property during this assessment.

5.2.5 Polychlorinated Biphenyls (PCBs)

The past use of polychlorinated biphenyls (PCBs) in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common. PCBs in electrical equipment are controlled by United States EPA regulation 40 CFR, Part 761. According to this regulation there are three categories for classifying electrical equipment; less than 50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and greater than 500 ppm is considered "PCB".

During this assessment, we did not observe any electrical transformers that could contain PCBs on the subject property. Fluorescent light fixtures were, however, observed in the existing site buildings. Due to the age of the larger building, these light fixtures may contain PCBs but examination of individual light ballasts was not within the scope of this study.

5.2.6 Elevators and Lifts

There are no elevators or lifts located on the subject site.

5.2.7 Suspect Asbestos Containing Materials (ACM)

Suspect asbestos containing materials (ACM) were observed inside the building at 473-491 President Street during this assessment. The observed materials included pipe insulation, vinyl floor tiles, and ceiling tiles. Based on the age of the structure, asbestos containing materials may be present in other portions of the site building as well. An asbestos survey is recommended prior to demolition/renovation of the existing structure.

5.3 Interior Observations

5.3.1 Heating and Cooling

The 514-530 Union Street building is heated and cooled using four (4) roof-mounted air handler units and multiple air conditioning units. The 473-491 President Street is heated via two (2) natural gas furnaces at the east end of the building and several natural gas heaters that are mounted near the ceiling in the warehouse areas. There is also one (1) air handler unit on the roof. The building did not appear to be provided with air conditioning. Remnants of a steam or hot water radiator system were observed in the furnace room. The 465-471 President Street aka 313-323 Nevins Street building is heated with several natural gas heaters that are mounted near the ceiling in the warehouse area.

5.3.2 Stains and Corrosion

No staining or corrosion was observed inside the existing site buildings during this assessment.

5.3.3 Drains and Sumps

A few floor drains were observed in various areas inside the existing site buildings. No staining was observed around the drains.

5.4 Exterior Observations

5.4.1 Pits, Ponds, or Lagoons

No pits, ponds, or lagoons were observed on the subject property or on adjoining properties during this assessment.

5.4.2 Stained Soils or Pavement

No areas of stained surficial soils were observed on the subject property during the Phase I ESA site visit.

We did observe some minor oil staining from parked vehicles on the pavement in the Nevins Street/Carroll Street parking lot. Based on the limited amount of staining observed, it is unlikely that the subject site has been detrimentally impacted as a result of the minimal staining at these locations.

5.4.3 Stressed Vegetation

No areas of stressed vegetation were observed on the subject property during this assessment.

5.4.4 Solid Waste Disposal

Solid waste that is generated at 514-530 Union Street is collected curbside by a carting company on a daily basis. Previous solid waste disposal practices at 473-491 President Street are

unknown. At the time of the site visit, trash was being stored in bags inside the warehouse building. There was also a full dumpster situated outside the building at the time of our inspection.

Trash and recyclables (paper, cardboard, metal, etc.) generated at 465-471 President Street aka 313-323 Nevins Street are collected by Action Trash Disposal on a weekly basis. Electronic waste that cannot be refurbished or resold is sent off-site for disposal.

No evidence of on-site solid waste disposal or landfilling was observed on the subject property during this assessment. In addition, we found no records at any government agency indicating that the subject property was formerly used as a solid waste landfill.

5.4.5 Surface Debris

Only a small amount of surface debris and litter was observed around the perimeter of the parking lot on the Nevins Street/Carroll Street parcel during this assessment. Given the type and limited quantity of debris observed, these materials are not an environmental concern.

5.4.6 Wells

No existing wells (i.e. drinking water wells, irrigation wells, monitoring wells, etc.) were observed on the subject property during the site visit.

5.4.7 Septic Systems

The subject site and the area surrounding the site are currently connected to the public sanitary sewer system. No records pertaining to former septic systems could be located during this assessment.

6.0 INTERVIEWS

The purpose of interviews is to obtain information indicating recognized environmental conditions in connection with the subject property. The persons interviewed during this assessment are as follows:

Table 5: Interviews

Date	Name	Organization
5/8/2014	Michael Schlegel	EcoRise Development LLC
5/8/2014	Abraham Lowy	Pinnacle Realty
5/8/2014	Anthony Gambale	Owner's Representative
5/8/2014	Sam Huntington	E-Waste Warehouse
5/8/2014	Jonathan Schnap	Royal Palm Shuffleboard Club LLC

The above interviews were performed in person at the time of the site visit or by questionnaire. Any pertinent information obtained from the interviews is included within the text of this report. A copy of the interview questionnaires is included in Appendix G of this report.

We also requested information from the New York City Department of Buildings but individuals at this office were not specifically familiar with the subject site. Any information obtained from this agency is outlined in Section 4.0 above.

7.0 FINDINGS AND OPINION

7.1 Recognized Environmental Conditions

As defined by American Society of Testing Material (ASTM) E1527-13, the term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products on or at a property: 1) due to a release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.

The results of this assessment have revealed three (3) recognized environmental condition associated with the subject property. These conditions are as follows:

- The subject site is listed on the NYSDEC Leaking Underground Storage Tanks (LTANKS) database for a 3,500-gallon unregistered fuel oil tank that failed a tank test in 1994. Information provided by the owner indicates that this tank was abandoned in-place in 2001, but no soil sampling was performed below the tank prior to abandonment. It is possible that the site has been impacted as a result of this tank.

- The available historical information indicates that the site has a long history of industrial use. Waste management and general housekeeping practices at the site while being used for industrial purposes are unknown. Therefore, the past industrial use of the site is a recognized environmental condition (REC) since there is a possibility that the site has been detrimentally impacted as a result of these previous uses.

- Based on the database search results, there are two (2) nearby properties that may have impacted the subject property. These sites are the Gowanus Canal and the Verizon property on Nevins Street, which are both located to the west of the site. Given the proximity of these properties to the subject site, there is a possibility that contamination from these properties has impacted the groundwater below the site.

7.2 Historical Recognized Environmental Conditions

The term "historical recognized environmental condition" as defined by ASTM is a past release of any hazardous substances or petroleum products in connection with the subject property that has been addressed to the satisfaction of the applicable regulatory authority or that meets the unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

The results of this assessment have revealed no historical recognized environmental conditions associated with the property.

7.3 Controlled Recognized Environmental Conditions

The term "controlled recognized environmental condition" as defined by ASTM is a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place on the site

subject to the implementation of required controls (i.e. property use restrictions, institutional controls, engineering controls, etc.).

The results of this assessment have revealed no controlled recognized environmental conditions associated with the property.

7.4 De Minimis Conditions

De minimis conditions do not present a current material risk of harm to public health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

The results of this assessment have revealed the following three (3) de minimis conditions associated with the subject property.

- Suspect asbestos containing materials (ACM) were observed inside the building at 473-491 President Street during this assessment. The observed materials included pipe insulation, vinyl floor tiles, and ceiling tiles. Based on the age of the structure, asbestos containing materials may be present in other portions of the building as well.

- Former structures were identified on the site. Former structures are an environmental concern since buried remains (i.e. foundations, debris, etc.) may still exist on the property. Buried building debris could possibly contain asbestos containing materials and/or lead based paint. Items such as fuel oil tanks and/or piping from oil tanks may have also been buried near or within the former building areas. In addition, the site may contain historic fill material (i.e. ash and cinders), which was historically used below building slabs and to raise grades in industrialized areas.

- Both parcels of the subject property are located within the 100-year and/or 500-year flood zones. This indicates that there is a risk of flooding at the subject site.

7.4 Data Gaps

A data gap is defined in ASTM E1527-13 as a lack of or inability to obtain information required by the standards and practices listed in the regulation despite good faith efforts by the environmental professional or prospective landowner to gather such information. Such data gaps may affect the environmental professional's ability to identify recognized environmental conditions at the property.

There were no data gaps that significantly affected our ability to identify recognized environmental conditions in connection with the subject property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Carlin-Simpson & Associates has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-13 for the property identified as: 1) 514-530 Union Street; 2) 465-471 President Street aka 313-323 Nevins Street; 3) 473-491 President Street; 4) 339-341 Nevins Street; and 5) 431 Carroll Street in Brooklyn, Kings County, New York. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

This assessment has revealed three (3) recognized environmental conditions in connection with the subject property. These conditions are described in Section 7.1 above. This assessment has also identified three (3) de minimis condition, which is listed in Section 7.4 above. Conditions determined to be de minimis are not recognized environmental conditions. Our recommendations for the subject property are summarized below.

- A Phase II Environmental Site Investigation (ESI) is recommended to investigate the recognized environmental conditions (RECs) discussed above. This investigation should include soil and groundwater sampling at the site.

- If no evidence of contamination is encountered around the abandoned fuel oil tank, the information should be submitted to the NYSDEC for the purpose of closing out the LTANKS case.

- In the event that buried debris is encountered in the areas of the former structures or historic fill material is encountered at the site, we recommend that these materials be completely removed from the site and properly disposed of at off-site facilities that accept these types of materials. The fill and debris should be removed and disposed of in accordance with all applicable local and state requirements. Depending on the type of materials encountered, the fill and debris materials may also have to be segregated for disposal purposes.

- We also recommend that an asbestos survey be performed prior to any renovation or demolition of the existing site buildings.

9.0 LIMITATIONS AND EXCEPTIONS

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified.

The ASTM Standard Practice notes that no environmental site assessment or investigation can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of a standardized environmental site assessment procedure is intended to reduce, but not eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the property, given reasonable limits of time and cost.

The services performed and outlined in this report were based, in part, upon visual observations of the site. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of Carlin-Simpson & Associates. The objective of this report was to assess environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, state, and federal government laws and regulations was not included in our contract for services.

The report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM 1527-13, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. Should such an event occur, Carlin-Simpson & Associates must be notified in order that we may determine if modifications to our conclusions are necessary.

This report may be distributed and relied upon by EcoRise Development LLC and their lenders. This report may not be used or relied upon in connection with any other project or by other third parties. Carlin-Simpson & Associates disclaims liability for any such third party use or reliance without express written permission.

10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Over the last twenty (20) years, our firm has provided environmental engineering services throughout New Jersey, New York, Connecticut, Pennsylvania, Massachusetts, and Maryland. The environmental engineering services have included Phase I Environmental Site Assessments, Phase II Environmental Site Investigations, Phase III Remedial Investigations/Feasibility Studies, and the management of Phase IV Remediation Projects. In addition to the regulated phased work of environmental projects, we have also provided environmental engineering services which include asbestos and lead-based paint surveys, subsurface soil and groundwater investigations for the closure of underground storage tanks, research and laboratory studies on municipal incinerator ash for use in municipal landfills and road pavements.

Our Phase I Environmental Site Assessment projects have included the research of properties, which had previously been occupied by commercial establishments, light and heavy manufacturing facilities, service stations, foundries, dry cleaners, or residential buildings. Typically, the information regarding the previous operations at a particular property is not readily available at the site or from the present owner. Only through detailed and careful research of the public record will information present itself so that we can then appropriately target the property for a soil and groundwater investigation. Several of our Phase I Assessments included a visual inspection of the interior of the buildings for suspect asbestos containing materials and suspect lead paint. We have conducted Phase I Environmental Site Assessments for several properties in New Jersey, New York, Pennsylvania, and Connecticut.

The qualifications of the environmental professional(s) and personnel conducting this site assessment are provided in Appendix H of this report.

11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you for letting us assist you with this project. Should you have any questions or comments, please contact this office.

Very truly yours,

CARLIN-SIMPSON & ASSOCIATES

M. Anke

MEREDITH R. ANKE, P.E.
Environmental Manager

Robert Simpson

ROBERT B. SIMPSON, P.E.

File No. 14-77

APPENDIX A

SITE FIGURES

Historical Topographic Map

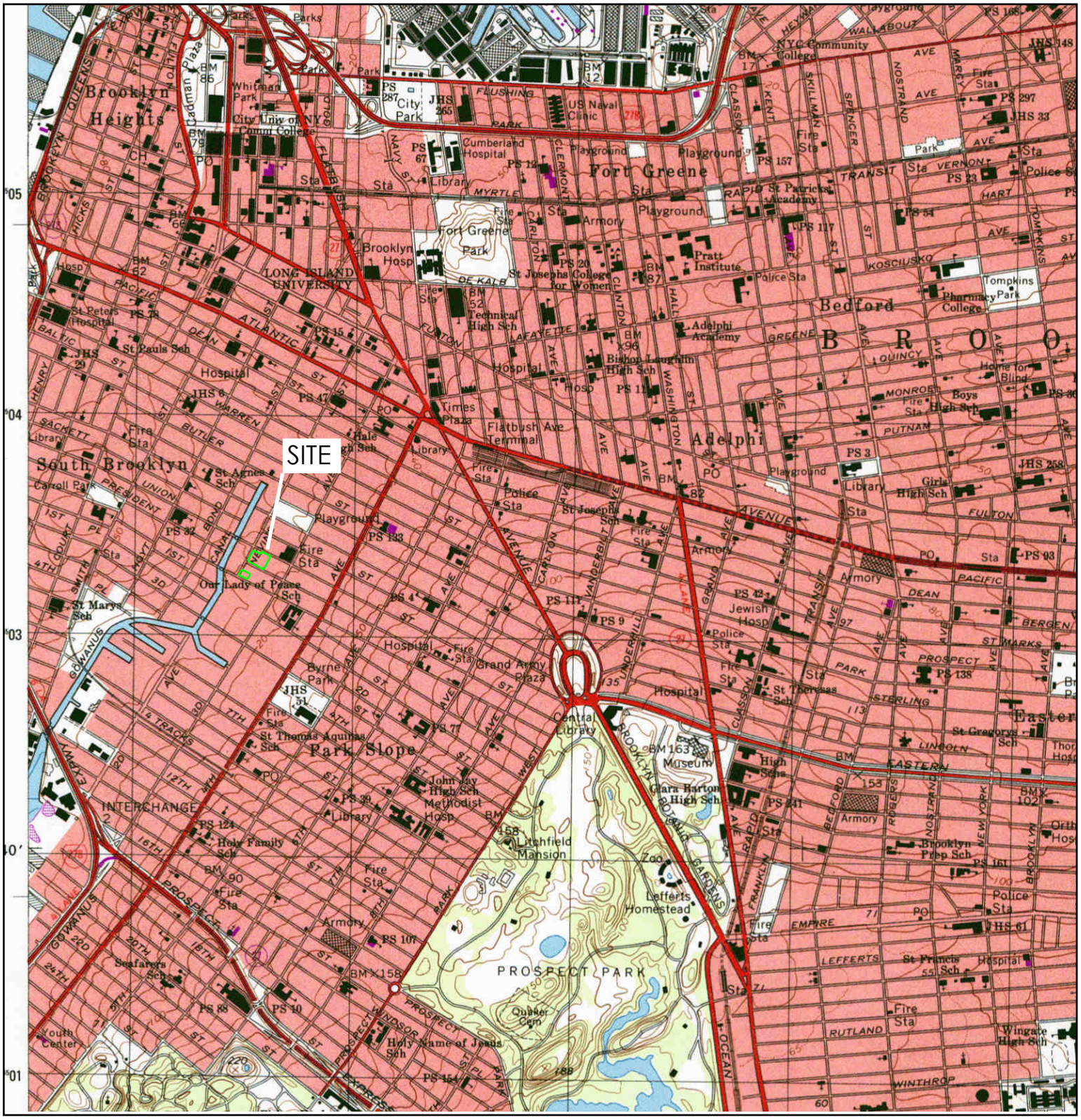
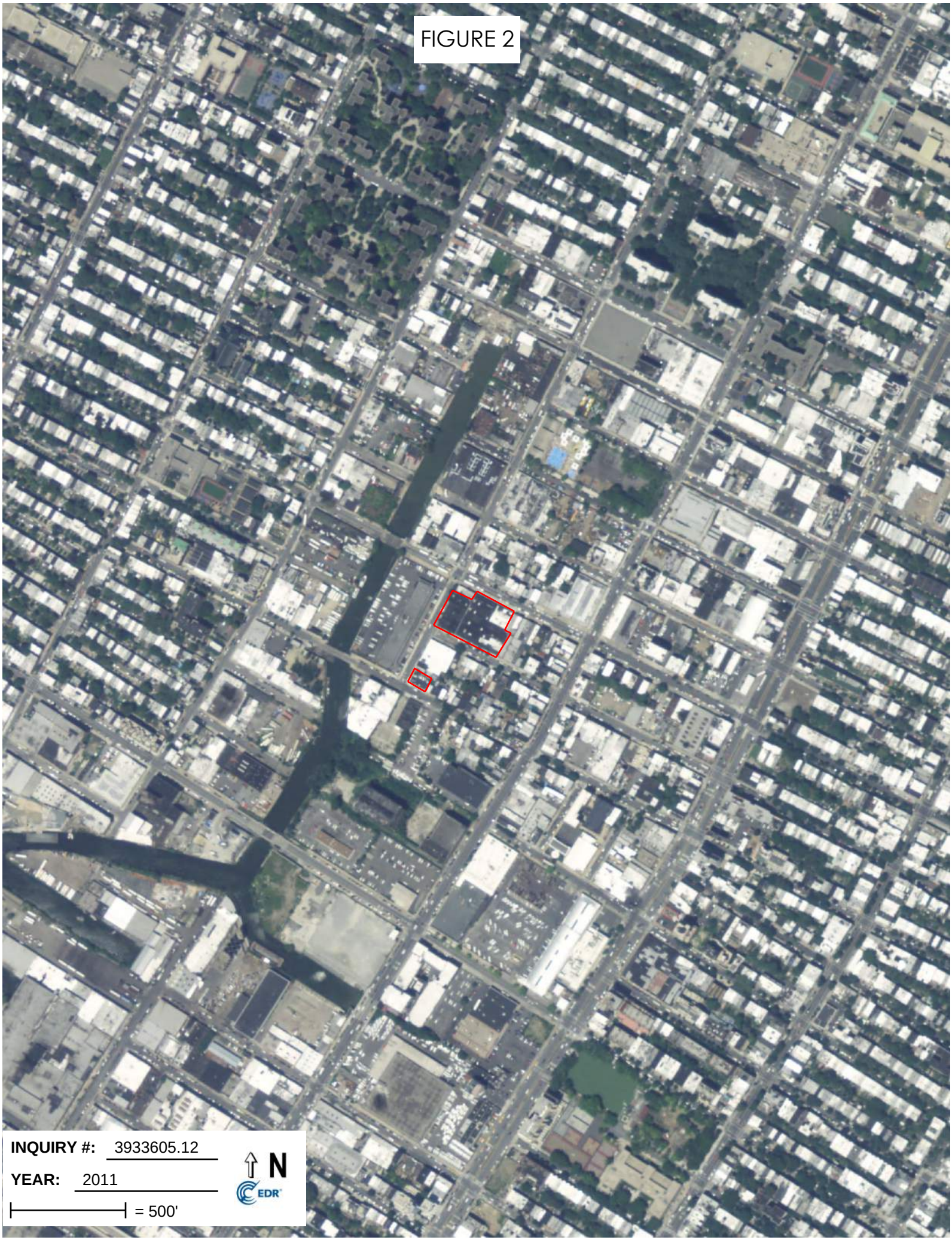


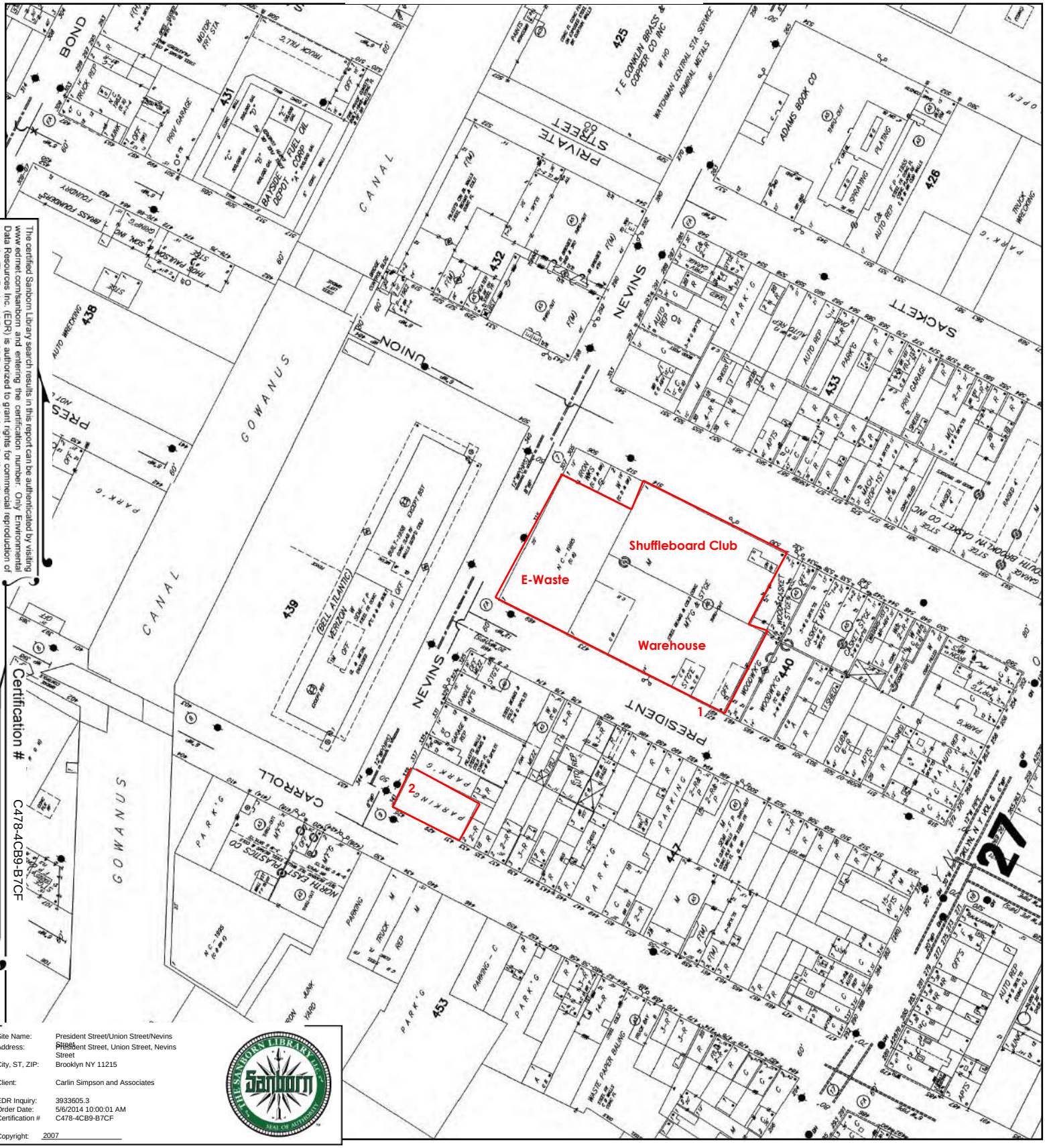
FIGURE 1

N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1995 SERIES: 7.5 SCALE: 1:24000	SITE NAME: President Street/Union Street/Nevins Street ADDRESS: President Street, Union Street, Nevins Street Brooklyn, NY 11215 LAT/LONG: 40.6786 / -73.9876	CLIENT: Carlin Simpson and Associates CONTACT: Meredith Anke INQUIRY#: 3933605.4 RESEARCH DATE: 05/05/2014

FIGURE 2



2007 Certified Sanborn Map



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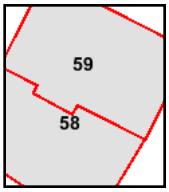
Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	2007

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 58
Volume 1, Sheet 59

1 - Location of abandoned fuel oil tank
2 - Location of drain inlet

0 Feet 150 300 600

FIGURE 3

N

APPENDIX B

SITE PHOTOGRAPHS



Photo 1: Looking northwest at the Nevins Street/Carroll Street lot.



Photo 2: Looking southeast at the Nevins Street/Carroll Street lot.



Photo 3: Drain inlet with ponded water on the Nevins Street/Carroll Street lot.



Photo 4: Little debris on the Nevins Street/Carroll Street lot.



Photo 5: Looking southwest at the 514 Union Street property.

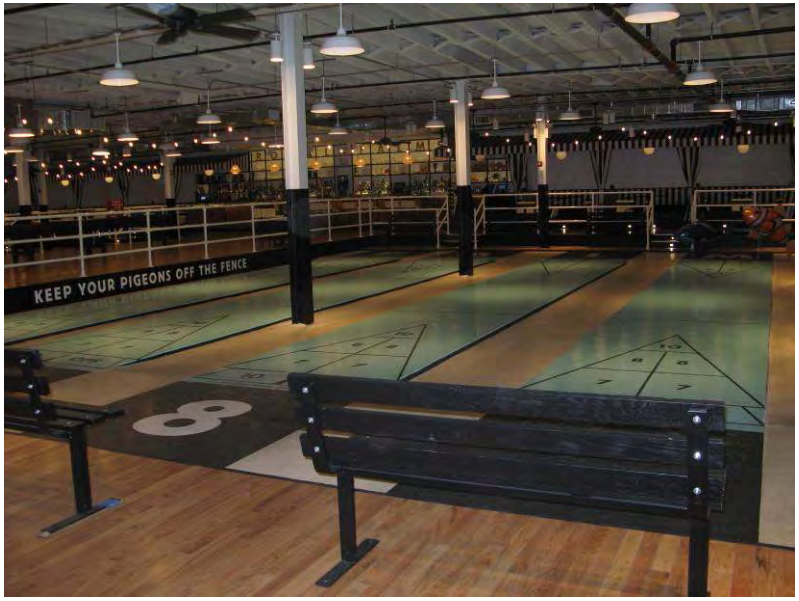


Photo 6: Interior of the shuffleboard club building.



Photo 7: Maintenance materials inside the shuffleboard club building.



Photo 8: Food truck parking area inside the shuffleboard club building.



Photo 9: Looking north at the President Street/Nevins Street building.


Photo 10: Interior of E-Waste Warehouse building.


Photo 11: A few maintenance materials inside E-Waste building.


Photo 12: Loading area inside the E-Waste Warehouse building.



Photo 13: Looking northwest at the 473-491 President Street building.



Photo 14: A dumpster outside the President Street building.



Photo 15: Storage tank vault area outside the President Street building.



Photo 16: Trash storage inside the 473-491 President Street building.



Photo 17: Warehouse portion of the 473-491 President Street building.



Photo 18: Mechanical room with remains of brick smokestack (left).



Photo 19: Mechanical room at 473-491 President Street.



Photo 20: Office area at east end of 473-491 President Street building.



Photo 21: Adjacent to the east of the Nevins Street/Carroll Street lot.



Photo 22: Across Carroll Street to the southwest of the site.



Photo 23: Nevins Street to the north of the Nevins Street/Carroll Street lot.



Photo 24: Nevins Street to the west of the site.



Photo 25: President Street to the east of the site.



Photo 26: Union Street to the east of the site.



Photo 27: Union Street to the northeast of the site.

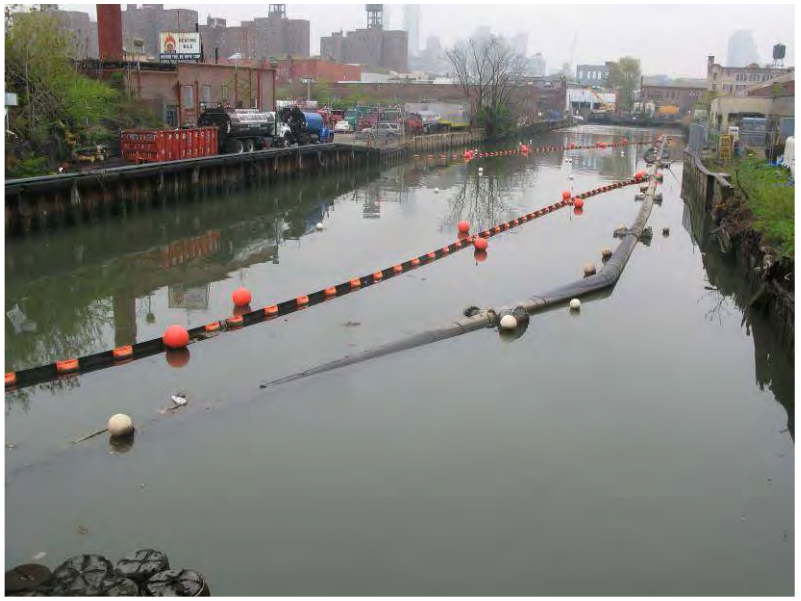


Photo 28: Gowanus Canal at Union Street.

APPENDIX C

EDR DATABASE REPORT

President Street/Union Street/Nevins Street
President Street, Union Street, Nevins Street
Brooklyn, NY 11215

Inquiry Number: 3933605.2s
May 05, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

PRESIDENT STREET, UNION STREET, NEVINS STREET
BROOKLYN, NY 11215

COORDINATES

Latitude (North):	40.6786000 - 40 40' 42.96''
Longitude (West):	73.9876000 - 73 59' 15.36''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585559.6
UTM Y (Meters):	4503361.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995
West Map:	40074-F1 JERSEY CITY, NJ NY
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ..... Proposed National Priority List Sites

NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NY VAPOR REOPENED ..... Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

NY TANKS ..... Storage Tank Faciliy Listing
NY MOSF AST ..... Major Oil Storage Facilities Database
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

NY RES DECL ..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP ..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
NY SWTIRE ..... Registered Waste Tire Storage & Facility List
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
NY Hist Spills ..... SPILLS Database
NY SPILLS 80 ..... SPILLS 80 data from FirstSearch
NY SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
RAATS ..... RCRA Administrative Action Tracking System
RMP ..... Risk Management Plans
NY UIC ..... Underground Injection Control Wells
INDIAN RESERV ..... Indian Reservations
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
NY Financial Assurance ..... Financial Assurance Information Listing
NY COAL ASH ..... Coal Ash Disposal Site Listing
2020 COR ACTION ..... 2020 Corrective Action Program List
EPA WATCH LIST ..... EPA WATCH LIST
LEAD SMELTERS ..... Lead Smelter Sites
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
US FIN ASSUR ..... Financial Assurance Information
COAL ASH DOE ..... Steam-Electric Plant Operation Data

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA LF ..... Recovered Government Archive Solid Waste Facilities List

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN BOND***	***NNE 1/8 - 1/4 (0.207 mi.)***	***AB185***	***666***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN BOND***	***NNE 1/8 - 1/4 (0.207 mi.)***	***AB185***	***666***

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site List

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DENTS OUT AUTO BODY LTD	***327 BOND ST***	***WNW 1/8 - 1/4 (0.129 mi.)***	***P97***	***244***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
BKLYN UNION GAS /CITIZENS GATE	6TH ST & 2ND AVE	SW 1/4 - 1/2 (0.357 mi.)	255	843

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PATTERSON CHEMICAL CO INC	***102 3RD ST***	***WSW 1/4 - 1/2 (0.267 mi.)***	***242***	***797***

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***NNE 1/8 - 1/4 (0.156 mi.)***	***L120***	***328***
CON EDISON - 3RD AVE	***222 FIRST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T166***	***536***
CON EDISON - NEVINS STREET SUB	265 BUTLER ST	NNE 1/8 - 1/4 (0.206 mi.)	X184	665
190-220 THIRD STREET STORE LLC	214 3RD ST	SSW 1/8 - 1/4 (0.217 mi.)	AC205	706

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARK SLOPE PAINT STRIPPERS INC	553 UNION ST	NE 0 - 1/8 (0.009 mi.)	A8	32
NYC DEPT OF EDUCATION - PS 834	***512 CARROLL ST***	***SE 1/8 - 1/4 (0.130 mi.)***	***J101***	***259***
REGENCY SERVICE CARTS	***337-361 CARROLL STREET***	***W 1/8 - 1/4 (0.146 mi.)***	***Q113***	***290***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
MAGNIFICO ENTERPRISES	210 DOUGLASS ST	N 1/8 - 1/4 (0.178 mi.)	S137	423

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 5 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK TELEPHONE	***318 NEVINS ST***	***NNE 0 - 1/8 (0.013 mi.)***	***A13***	***64***
LINDA TOOL & DIE CORP	***459 CARROLL ST***	***SSE 0 - 1/8 (0.057 mi.)***	***C29***	***97***
ALL BRIGHT DRY CLEANERS	125 2ND ST	WSW 1/8 - 1/4 (0.191 mi.)	W149	451
SHERWIN-WILLIAMS #5270	313 BUTLER ST	NE 1/8 - 1/4 (0.220 mi.)	AD208	708
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CRUSADER CANDLE CO INC	***325 NEVINS ST***	***SW 0 - 1/8 (0.008 mi.)***	***A6***	***28***

State- and tribal - equivalent CERCLIS

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

A review of the NY SHWS list, as provided by EDR, and dated 03/27/2014 has revealed that there are 7 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER O.Z. ELECTRICAL	***198 DOUGLASS STREET***	***N 1/8 - 1/4 (0.185 mi.)***	***S145***	***442***
GOWANUS CANAL SITE	GOWANUS CANAL	NNE 1/8 - 1/4 (0.207 mi.)	AB186	674
Class Code: Significant threat to the public health or environment - action required.				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - METROPOLITAN MGP	***124-136 SECOND AVE***	***SW 1/2 - 1 (0.571 mi.)***	***AQ280***	***915***
Class Code: Significant threat to the public health or environment - action required.				
HAMILTON AVENUE PIERS/19TH & 1	REAR OF 566 HAMILTON AV	SSW 1/2 - 1 (0.916 mi.)	283	920
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
RED HOOK SMITH STREET	***627 SMITH ST.***	***SW 1/2 - 1 (0.868 mi.)***	***282***	***918***
CHEMTURA 633 COURT STREET	633 COURT STREET	SW 1/2 - 1 (0.920 mi.)	284	921
Class Code: Significant threat to the public health or environment - action required.				
CHEM TURA	***688-700 COURT ST***	***SW 1/2 - 1 (0.969 mi.)***	***285***	***925***
Class Code: Significant threat to the public health or environment - action required.				

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

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

A review of the NY SWF/LF list, as provided by EDR, and dated 12/12/2013 has revealed that there are 9 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROYAL RECYCLING CORP.	***242 NEVINS STREET***	***NNE 1/8 - 1/4 (0.156 mi.)***	***L119***	***323***
RINALDI RECYCLING CO. INC.	182 4TH AVE.	E 1/8 - 1/4 (0.226 mi.)	AH218	727
BALTIC RECYCLING CORP.	524-26 BALTIC STREET	NE 1/4 - 1/2 (0.254 mi.)	240	795
BASIN HAULAGE INC. I	462-470 BALTIC STREET	NNE 1/4 - 1/2 (0.273 mi.)	243	805
CON EDISON CO. OF NY INC. @ F/	3RD AVE (BET. 3RD & 4TH	W 1/4 - 1/2 (0.443 mi.)	AN270	904
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CARROLL ST. TRANSFER STATION	400 CARROLL ST	WSW 0 - 1/8 (0.088 mi.)	I62	174
GOWANUS CANAL CONSERVANCY; INC	2 SECOND AVE.	SW 1/4 - 1/2 (0.276 mi.)	AK245	814
IESI (110 5TH ST.)(SPARTAN DIS	***110 5TH STREET***	***SW 1/4 - 1/2 (0.326 mi.)***	***250***	***828***
S & S WATER COMPANY	***107 6TH STREET***	***SW 1/4 - 1/2 (0.379 mi.)***	***259***	***848***

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 02/17/2014 has revealed that there are 42 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRUCE RIBELNON OMNI MALL	473 PRESIDENT ST	SSE 0 - 1/8 (0.009 mi.)	A7	30
Spill Number/Closed Date: 9412605 / Not Reported				
VERIZON	***318 NEVINS STREET***	***NNE 0 - 1/8 (0.013 mi.)***	***A11***	***47***
Spill Number/Closed Date: 0306012 / 10/2/2003				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
540 PRESIDENT STREET Spill Number/Closed Date: 9211878 / 1/18/1993	540 PRESIDENT STREET	ESE 0 - 1/8 (0.105 mi.)	J71	199
D GAVER & SONS INC Spill Number/Closed Date: 8800904 / 10/2/1992	***267 DOUGLASS ST***	***NE 1/8 - 1/4 (0.159 mi.)***	***R122***	***356***
280 DOUGLAS ST Spill Number/Closed Date: 9410669 / 3/10/1995	***280 DOUGLAS STREET***	***ENE 1/8 - 1/4 (0.168 mi.)***	***R127***	***368***
280 DOUGLAS ST/PENSKE Spill Number/Closed Date: 9112095 / 3/3/1992	280 DOUGLAS ST/PENSKE	ENE 1/8 - 1/4 (0.171 mi.)	136	421
4TH & SACKETT STREET Spill Number/Closed Date: 9113310 / 8/3/1994	4TH & SACKETT STREET	ESE 1/8 - 1/4 (0.195 mi.)	U151	454
256 SO 4TH STREET Spill Number/Closed Date: 9509901 / 11/9/1995	256 SO 4TH STREET	SE 1/8 - 1/4 (0.201 mi.)	AA158	473
CON EDISON Spill Number/Closed Date: 0506700 / 9/7/2005 Spill Number/Closed Date: 9605014 / 12/30/2003	***222 FIRST ST***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T163***	***489***
HESS-MERIT STATION 32530 Spill Number/Closed Date: 9515732 / 6/11/1997	***204-222 4TH AVENUE***	***E 1/8 - 1/4 (0.205 mi.)***	***U179***	***644***
SPILL NUMBER 0212934 Spill Number/Closed Date: 0212934 / 9/3/2003	233 BUTLER ST	NNE 1/8 - 1/4 (0.212 mi.)	X196	689
AJR (COMMERCIAL BLDG.) Spill Number/Closed Date: 0500453 / 4/28/2005	599 DEGRAW ST	E 1/8 - 1/4 (0.223 mi.)	AH212	716
GOWANAS HOUSING -NYCHA Spill Number/Closed Date: 0201330 / 12/23/2005 Spill Number/Closed Date: 0201191 / 9/23/2008	238 BOND ST	N 1/8 - 1/4 (0.235 mi.)	AI227	741
MAXIMUM DISTRIBUTORS- TTF Spill Number/Closed Date: 0902974 / 8/18/2009	151-169 3RD AVE	NE 1/4 - 1/2 (0.262 mi.)	AD241	795
DEL'S AUTO REPAIR Spill Number/Closed Date: 9713407 / 3/3/2003	70 2ND ST/NEW UTRECHT A	W 1/4 - 1/2 (0.303 mi.)	246	815
FMR GAS STATION/VACNT LOT Spill Number/Closed Date: 9505523 / 1/17/2013	***124 4TH AVENUE***	***ENE 1/4 - 1/2 (0.306 mi.)***	***247***	***816***
WYCKOFF CONSOLIDATED -NYCHA Spill Number/Closed Date: 9105220 / 3/8/2005	***572 WARREN ST***	***NE 1/4 - 1/2 (0.316 mi.)***	***248***	***824***
66 FOURTH STREET Spill Number/Closed Date: 0106619 / 11/17/2003	***66 4TH STREET***	***WSW 1/4 - 1/2 (0.344 mi.)***	***251***	***830***
WYCKOFF GARDENS -NYCHA Spill Number/Closed Date: 9307448 / 1/8/2004	***272 WYCKOFF STREET***	***NNE 1/4 - 1/2 (0.353 mi.)***	***AL252***	***838***
WYCKOFF GARDENS Spill Number/Closed Date: 9811464 / 5/14/1999	185 NEVINS ST	NNE 1/4 - 1/2 (0.353 mi.)	AL253	840
WYCKOFF GARDENS -NYCHA Spill Number/Closed Date: 9010808 / 1/8/2004	272 WYCKOFF STREET	NNE 1/4 - 1/2 (0.353 mi.)	AL254	841
106 6TH ST Spill Number/Closed Date: 9502574 / 5/31/1995	106 6TH ST	SSW 1/4 - 1/2 (0.359 mi.)	AM256	843
105 3RD AVE Spill Number/Closed Date: 9210549 / 11/12/1998	***105 3RD AVENUE***	***NE 1/4 - 1/2 (0.374 mi.)***	***258***	***846***
SPILL NUMBER 0209206 Spill Number/Closed Date: 0209206 / 4/16/2004	11 LINCOLN PLACE	E 1/4 - 1/2 (0.392 mi.)	260	856
AYALA RESIDENCE Spill Number/Closed Date: 0209599 / 12/18/2002	***19 BERKELEY PL***	***ESE 1/4 - 1/2 (0.394 mi.)***	***261***	***857***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ULANO Spill Number/Closed Date: 9713764 / 5/18/1999	***280 BERGEN ST***	***NE 1/4 - 1/2 (0.402 mi.)***	***262***	***859***
PEP SERVICE STATION Spill Number/Closed Date: 9112287 / 12/27/2002	***7 3RD STREET***	***W 1/4 - 1/2 (0.409 mi.)***	***AN263***	***878***
UHAUL CORP CT PARKSLOPE Spill Number/Closed Date: 9412186 / 3/13/2006	***259 6TH STREET***	***S 1/4 - 1/2 (0.409 mi.)***	***AO264***	***881***
ECONOMY CLEANERS Spill Number/Closed Date: 0507654 / 11/30/2005	***123 5TH AVE***	***E 1/4 - 1/2 (0.409 mi.)***	***265***	***884***
345 FIRST ST Spill Number/Closed Date: 9300662 / 4/14/1993	345 FIRST ST	SE 1/4 - 1/2 (0.433 mi.)	266	898
SINSI RESIDENCE Spill Number/Closed Date: 9600499 / 4/11/1996	112 ST MARKS PL	ENE 1/4 - 1/2 (0.437 mi.)	267	899
341 BERGEN ST Spill Number/Closed Date: 9706573 / 4/30/1998	341 BERGEN ST	NE 1/4 - 1/2 (0.441 mi.)	268	900
FERRANTINO & CO Spill Number/Closed Date: 9705330 / 8/1/2011	278 6TH ST	S 1/4 - 1/2 (0.441 mi.)	AO269	902
JOEL VENGRIN Spill Number/Closed Date: 0400986 / 6/1/2004	155 BERGEN STREET	N 1/4 - 1/2 (0.456 mi.)	271	904
80 3RD AVE. Spill Number/Closed Date: 9208644 / 10/27/1992	80 3RD AVE	NE 1/4 - 1/2 (0.457 mi.)	272	906
OCEAN SUPPLY CO Spill Number/Closed Date: 9905579 / 9/22/1999	437 3RD AVE	SSW 1/4 - 1/2 (0.458 mi.)	273	907
401 3RD STREET Spill Number/Closed Date: 9310090 / 11/19/1993	401 3RD STREET	SSE 1/4 - 1/2 (0.485 mi.)	277	912
P.S. # 51- 350 5TH AVE Spill Number/Closed Date: 9409320 / 2/6/1995	P.S. #51 - 350 5TH AVE	SSE 1/4 - 1/2 (0.492 mi.)	278	913

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRUSADER CANDLE CO INC Spill Number/Closed Date: 9501568 / 5/8/1995 Spill Number/Closed Date: 9508359 / 10/9/1995	***325 NEVINS ST***	***SW 0 - 1/8 (0.008 mi.)***	***A5***	***13***
175 3RD STREET Spill Number/Closed Date: 9208180 / 10/15/1992	***175 3RD STREET***	***SSW 1/8 - 1/4 (0.205 mi.)***	***Y180***	***653***
ALL BORO'S Spill Number/Closed Date: 9702117 / 8/22/1999	200 3RD ST	SSW 1/8 - 1/4 (0.214 mi.)	AC200	698
MCIZ CORP. Spill Number/Closed Date: 9603998 / 7/30/2013	***1-25 2ND AVENUE***	***SW 1/4 - 1/2 (0.276 mi.)***	***AK244***	***806***

State and tribal registered storage tank lists

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

A review of the NY UST list, as provided by EDR, and dated 03/31/2014 has revealed that there are 25

NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH BROOKLYN REALTY LLC	***301 NEVINS STREET***	***NNE 0 - 1/8 (0.020 mi.)***	***B15***	***72***
A & A BRAKE CO INC	***560 SACKETT STREET***	***NE 0 - 1/8 (0.056 mi.)***	***E26***	***90***
CLARIN TRUCK LEASING CORP	312 3RD AVE	SSE 0 - 1/8 (0.109 mi.)	M87	223
BAYSIDE FUEL OIL	498-502 SACKETT STREET	NNW 1/8 - 1/4 (0.128 mi.)	K96	242
450-460 UNION STREET	450-460 UNION STREET	NW 1/8 - 1/4 (0.131 mi.)	P102	261
BROOKLYN HEIGHTS - RED HOOK EM	347 BOND STREET	W 1/8 - 1/4 (0.142 mi.)	Q105	266
ROMAN CATHOLIC CHURCH OF OUR L	***522 CARROLL ST***	***SE 1/8 - 1/4 (0.147 mi.)***	***N115***	***316***
D GAVER & SONS INC	***267 DOUGLASS ST***	***NE 1/8 - 1/4 (0.159 mi.)***	***R122***	***356***
617 SACKETT STREET REALTY CORP	***617 SACKETT STREET***	***E 1/8 - 1/4 (0.168 mi.)***	***U130***	***378***
RYDER TRUCK RENTAL, INC.	280 DOUGLASS STREET	ENE 1/8 - 1/4 (0.168 mi.)	R132	392
BAYSIDE FUEL OIL CORP	267 BOND STREET	NNW 1/8 - 1/4 (0.171 mi.)	V135	412
259 BOND STREET	***259 BOND STREET***	***NNW 1/8 - 1/4 (0.181 mi.)***	***S141***	***435***
PETROLEUM TANK CLEANERS LTD.	236 BUTLER STREET	NNE 1/8 - 1/4 (0.204 mi.)	X174	605
HESS #32530	204-222 FOURTH AVENUE	E 1/8 - 1/4 (0.205 mi.)	U178	615
233 BUTLER ST	233 BUTLER STREET	NNE 1/8 - 1/4 (0.212 mi.)	X195	687
SUDANCO GAS STATION, INC.	169 THIRD AVENUE	NE 1/8 - 1/4 (0.216 mi.)	AD202	700
168 DOUGLASS STREET	168 DOUGLASS STREET	NNW 1/8 - 1/4 (0.224 mi.)	AI214	722
GOWANUS HOUSES	238 BOND STREET	N 1/8 - 1/4 (0.235 mi.)	AI226	738
NORTH PETROLEUM CORP	***275 FOURTH AVE***	***SE 1/8 - 1/4 (0.236 mi.)***	***AF229***	***746***
220 3RD STREET	220 3RD STREET	SSW 1/8 - 1/4 (0.245 mi.)	AE235	768
A SHAMOSH	***620-628 DEGRAW STREET***	***E 1/8 - 1/4 (0.248 mi.)***	***AH239***	***787***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON NEW YORK INC. (NY35570	318 NEVINS STREET	SW 0 - 1/8 (0.005 mi.)	A2	9
ADMIRAL METALS	***270 NEVINS STREET***	***NNE 0 - 1/8 (0.082 mi.)***	***E57***	***160***
GOWANUS PUMPING STATION	201 DOUGLASS STREET	N 1/8 - 1/4 (0.186 mi.)	S146	446
160 3RD AVENUE	***160 3RD AVENUE***	***SW 1/8 - 1/4 (0.214 mi.)***	***Y198***	***691***

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF UST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEPOT CORP.	510 SACKETT ST.	NNW 0 - 1/8 (0.108 mi.)	K72	200

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

A review of the NY AST list, as provided by EDR, and dated 03/31/2014 has revealed that there are 24 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
543 UNION STREET	543 UNION STREET	NNE 0 - 1/8 (0.015 mi.)	A14	69
A & A BRAKE CO INC	560 SACKETT STREET	NE 0 - 1/8 (0.056 mi.)	E27	94
RIDGE COMPLETE AUTO	264 THIRD AVENUE	ESE 0 - 1/8 (0.058 mi.)	F31	118

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
276 3RD AVENUE	276 THIRD AVENUE	SE 0 - 1/8 (0.059 mi.)	F39	135
L.L.L. AUTO REPAIR INC.	528 PRESIDENT STREET	ESE 0 - 1/8 (0.081 mi.)	F55	157
BAYSIDE FUEL OIL	498-502 SACKETT STREET	NNW 1/8 - 1/4 (0.128 mi.)	K95	239
505 CARROLL ST.	505 CARROLL STREET	SE 1/8 - 1/4 (0.130 mi.)	J98	246
BROOKLYN HEIGHTS - RED HOOK EM	347 BOND STREET	W 1/8 - 1/4 (0.142 mi.)	Q107	280
HOLYLAND AUTO REPAIR INC.	637 UNION STREET	ESE 1/8 - 1/4 (0.143 mi.)	O111	286
R C C OF OUR LADY OF PEACE	201 1ST AVENUE	SSE 1/8 - 1/4 (0.165 mi.)	T124	362
363 BOND ST	363 BOND STREET	WSW 1/8 - 1/4 (0.167 mi.)	Q125	365
BAYSIDE FUEL OIL DEPOT	***267 BOND STREET***	***NNW 1/8 - 1/4 (0.171 mi.)***	***V134***	***406***
256 SOUTH 4TH STREET HDFC	256 SOUTH 4TH STREET	SE 1/8 - 1/4 (0.201 mi.)	AA157	471
REGENCY SERVICE CARTS INC	***337 CARROLL ST***	***W 1/8 - 1/4 (0.201 mi.)***	***159***	***474***
PETROLEUM TANK CLEANERS INC	***236 BUTLER ST***	***NNE 1/8 - 1/4 (0.204 mi.)***	***X173***	***598***
SANITATION REPAIRS, INC.	234 BUTLER STREET	NNE 1/8 - 1/4 (0.206 mi.)	X182	661
NEVINS STREET SUBSTATION	223 NEVINS STREET	NNE 1/8 - 1/4 (0.208 mi.)	X189	680
L&B AUTO REPAIR CORP. II	245 4TH AVENUE	SE 1/8 - 1/4 (0.209 mi.)	AA190	682
255 BUTLER LLC	***255 BUTLER STREET***	***NNE 1/8 - 1/4 (0.220 mi.)***	***X209***	***709***
NORTH PETROLEUM CORP	***275 FOURTH AVE***	***SE 1/8 - 1/4 (0.236 mi.)***	***AF229***	***746***
2 FAMILY HOUSE	557 CARROLL ST	SE 1/8 - 1/4 (0.245 mi.)	AA233	763
A SHAMOSH	***620-628 DEGRAW STREET***	***E 1/8 - 1/4 (0.248 mi.)***	***AH239***	***787***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON NEW YORK INC. (NY35570	318 NEVINS STREET	SW 0 - 1/8 (0.005 mi.)	A4	13
ADMIRAL METALS	***270 NEVINS STREET***	***NNE 0 - 1/8 (0.082 mi.)***	***E58***	***169***

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS & DEGRAW	***NEVINS ST, DOUGLAS ST.,***	***NNE 1/8 - 1/4 (0.139 mi.)***	***L104***	***265***

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 03/31/2014 has revealed that there is 1 NY MOSF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEPOT CORP.	***510 SACKETT ST***	***NNW 0 - 1/8 (0.108 mi.)***	***K74***	***202***

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

A review of the NY CBS list, as provided by EDR, and dated 03/31/2014 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS & DEGRAW	***NEVINS ST, DOUGLAS ST.,***	***NNE 1/8 - 1/4 (0.139 mi.)***	***L104***	***265***

State and tribal institutional control / engineering control registries

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

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHOLE FOODS SITE	***210, 212, 220 3RD ST. A***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE236***	***772***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHOLE FOODS SITE	***210, 212, 220 3RD ST. A***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE236***	***772***

State and tribal voluntary cleanup sites

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

A review of the NY VCP list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - CITIZENS MGP - CARROLL GAR	***5TH STREET & SMITH STRE***	***W 1/4 - 1/2 (0.463 mi.)***	***AP275***	***909***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 03/27/2014 has revealed that there are 7 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS VILLAGE I, LLC - 420 C	***420 CARROLL STREET***	***SW 0 - 1/8 (0.059 mi.)***	***D37***	***124***
BAYSIDE FUEL OIL DEPOT CORP.	***510 SACKETT ST***	***NNW 0 - 1/8 (0.108 mi.)***	***K74***	***202***
388 CARROLL STREET AND 363 BON	388 CARROLL STREET AND	W 0 - 1/8 (0.109 mi.)	I86	222
TOLL BROOKLYN, LP	64-98 1ST ST; 82-107 1S	WSW 1/8 - 1/4 (0.168 mi.)	Q126	368
LOT 1,TAXBLOCK 458	***365 BOND STREET***	***WSW 1/8 - 1/4 (0.169 mi.)***	***Q133***	***396***
WHOLE FOODS SITE	***210, 212, 220 3RD ST. A***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE236***	***772***
K - CITIZENS MGP - CARROLL GAR	***5TH STREET & SMITH STRE***	***W 1/4 - 1/2 (0.463 mi.)***	***AP275***	***909***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 12/12/2013 has revealed that there are 2 NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RINALDI RECYCLING CO.	326 DOUGLASS STREET	ENE 1/8 - 1/4 (0.222 mi.)	AG211	716
U.S. RECYCLING; INC.	***141 6TH STREET***	***SSW 1/4 - 1/2 (0.361 mi.)***	***AM257***	***844***

Local Lists of Hazardous waste / Contaminated Sites

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARROLL GARDENS	CORNER OF 5TH STREET &	W 1/4 - 1/2 (0.465 mi.)	AP276	910

Local Lists of Registered Storage Tanks

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

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 16 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELL ATLANTIC	***318 NEVINS STREET***	***NNE 0 - 1/8 (0.013 mi.)***	***A12***	***59***
SOUTH BROOKLYN REALTY LLC	***301 NEVINS STREET***	***NNE 0 - 1/8 (0.020 mi.)***	***B15***	***72***
A & A BRAKE CO INC	***560 SACKETT STREET***	***NE 0 - 1/8 (0.056 mi.)***	***E26***	***90***
ADAMS BOOK CO. INC.	537 SACKETT ST.	NNE 0 - 1/8 (0.059 mi.)	B35	122

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
R C C OF OUR LADY OF PEACE	522 CARROLL ST	SE 1/8 - 1/4 (0.147 mi.)	N114	315
ROMAN CATHOLIC CHURCH OF OUR L	***522 CARROLL ST***	***SE 1/8 - 1/4 (0.147 mi.)***	***N115***	***316***
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***NNE 1/8 - 1/4 (0.156 mi.)***	***L120***	***328***
D GAVER & SONS INC	***267 DOUGLASS ST***	***NE 1/8 - 1/4 (0.159 mi.)***	***R122***	***356***
617 SACKETT STREET REALTY CORP	***617 SACKETT STREET***	***E 1/8 - 1/4 (0.168 mi.)***	***U130***	***378***
259 BOND STREET	***259 BOND STREET***	***NNW 1/8 - 1/4 (0.181 mi.)***	***S141***	***435***
THIRD AVENUE YARD	***222 FIRST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T169***	***581***
PETROLEUM TANK CLEANERS INC	***236 BUTLER ST***	***NNE 1/8 - 1/4 (0.204 mi.)***	***X173***	***598***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADMIRAL METALS	***270 NEVINS STREET***	***NNE 0 - 1/8 (0.082 mi.)***	***E57***	***160***
ADMIRAL METALS	***270 NEVINS STREET***	***NNE 0 - 1/8 (0.082 mi.)***	***E58***	***169***
160 3RD AVENUE	***160 3RD AVENUE***	***SW 1/8 - 1/4 (0.214 mi.)***	***Y198***	***691***
160 3RD STREET	160 3RD STREET	SW 1/8 - 1/4 (0.214 mi.)	Y199	697

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 02/17/2014 has revealed that there are 32 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REGULATOR R-22	NEVIN & PRESIDENT STS	0 - 1/8 (0.000 mi.)	A1	8
Spill Number/Closed Date: 8801819 / 5/27/1988				
PRESIDENT STREET	BETWEEN 3RD AVENUE/NEVI	SE 0 - 1/8 (0.010 mi.)	A10	46
Spill Number/Closed Date: 0003302 / 5/5/2003				
VERIZON	***318 NEVINS STREET***	***NNE 0 - 1/8 (0.013 mi.)***	***A11***	***47***
Spill Number/Closed Date: 9207367 / Not Reported				
Spill Number/Closed Date: 9801467 / 5/5/1998				
Spill Number/Closed Date: 9314103 / 4/14/2003				
Spill Number/Closed Date: 9208840 / 10/30/1992				
SANDY FOLLOW UP	287 NEVINS ST	NNE 0 - 1/8 (0.053 mi.)	B21	83
Spill Number/Closed Date: 1209647 / 4/25/2013				
RESTURANT/RESIDENCE	451 CARROLL ST	SSE 0 - 1/8 (0.055 mi.)	C22	84
Spill Number/Closed Date: 0509324 / 6/21/2006				
TM 105	NEVINS ST & CARROLL ST	SSW 0 - 1/8 (0.055 mi.)	D23	86
Spill Number/Closed Date: 0000528 / 1/16/2002				
537 SACKETT STREET	537 SACKETT STREET	NNE 0 - 1/8 (0.059 mi.)	B33	120
Spill Number/Closed Date: 9310522 / 11/30/1993				
430 CARROLL ST BET. 3 AVE	430 CARROLL ST BET. 3 A	SW 0 - 1/8 (0.059 mi.)	D36	123
Spill Number/Closed Date: 9303103 / 12/23/2002				
GOWANUS VILLAGE I, LLC - 420 C	***420 CARROLL STREET***	***SW 0 - 1/8 (0.059 mi.)***	***D37***	***124***
Spill Number/Closed Date: 8810095 / 3/30/1989				
430 CARROLL STREET	430 CARROLL STREET	SW 0 - 1/8 (0.059 mi.)	D38	126
Spill Number/Closed Date: 9500845 / 2/28/2003				
Spill Number/Closed Date: 9416611 / 4/13/1995				
Spill Number/Closed Date: 0411947 / 7/2/2008				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRESIDENT STREET &	THIRD AVE	SE 0 - 1/8 (0.059 mi.)	F40	137
Spill Number/Closed Date: 0004300 / 10/17/2001				
MANHOLE 2545	468 CARROLL ST	SSE 0 - 1/8 (0.060 mi.)	C43	139
Spill Number/Closed Date: 0300423 / 4/15/2003				
UNION ST &	THIRD AVE	E 0 - 1/8 (0.062 mi.)	F48	147
Spill Number/Closed Date: 0004302 / 10/17/2001				
3RD AVE YARD	222 3RD AVE	ENE 0 - 1/8 (0.101 mi.)	H69	196
Spill Number/Closed Date: 0012321 / 6/23/2003				
BAYSIDE FUEL OIL DEPOT CORP.	***510 SACKETT ST***	***NNW 0 - 1/8 (0.108 mi.)***	***K74***	***202***
Spill Number/Closed Date: 0902825 / 2/6/2012				
Spill Number/Closed Date: 9604267 / 6/28/1996				
Spill Number/Closed Date: 0514992 / 4/17/2006				
Spill Number/Closed Date: 9011318 / 1/26/1991				
Spill Number/Closed Date: 9011319 / 1/25/1991				
COMMERCIAL BUILDING	14 WHITWELL PLACE	SE 0 - 1/8 (0.122 mi.)	N92	232
Spill Number/Closed Date: 0606675 / 3/17/2009				

Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON	318 NEVINS ST	SW 0 - 1/8 (0.005 mi.)	A3	10
Spill Number/Closed Date: 1215913 / 6/17/2013				
REGULATOR# RH-22	NEVIN & PRESIDENT ST.	WSW 0 - 1/8 (0.031 mi.)	A17	80
Spill Number/Closed Date: 8709889 / 2/23/1988				
UNION STREET BRIDGE	UNION BRIDGE	NW 0 - 1/8 (0.068 mi.)	G51	152
Spill Number/Closed Date: 0706319 / 8/19/2011				
GOWANUS CANAL	CARROLL ST- UNDER BRIDG	SW 0 - 1/8 (0.082 mi.)	D56	159
Spill Number/Closed Date: 9411918 / 12/7/1994				
400 CARROLL ST	400 CARROLL ST	WSW 0 - 1/8 (0.088 mi.)	I64	181
Spill Number/Closed Date: 9605780 / 2/28/2003				
Spill Number/Closed Date: 9705145 / 7/29/1997				
Spill Number/Closed Date: 0400876 / Not Reported				
408 CARROLL ST/BKLYN	408 CARROLL ST	WSW 0 - 1/8 (0.092 mi.)	I65	192
Spill Number/Closed Date: 8901773 / 12/4/1994				
SPILL NUMBER 9809650	505 SACKETT STREET	NNW 0 - 1/8 (0.094 mi.)	G66	193
Spill Number/Closed Date: 9809650 / 11/4/2002				
NEVINS ST. PUMP STATION	NEVINS ST. PUMP STATION	NNE 0 - 1/8 (0.108 mi.)	L76	211
Spill Number/Closed Date: 8705304 / 9/24/1987				
NEVIS ST PUMP STA	NEVIS ST PUMP STA	NNE 0 - 1/8 (0.108 mi.)	L77	212
Spill Number/Closed Date: 8602896 / 8/1/1986				
NEVIN ST BITES THE BANANA	NEVIN ST. PUMP STATION	NNE 0 - 1/8 (0.108 mi.)	L78	213
Spill Number/Closed Date: 8603585 / 9/1/1986				
NEVENS ST. PUMP STATION	NEVENS ST PUMP STAION	NNE 0 - 1/8 (0.108 mi.)	L79	214
Spill Number/Closed Date: 8504656 / 3/19/1986				
NEVENS ST PUMP STATION	UNKNOWN	NNE 0 - 1/8 (0.108 mi.)	L80	215
Spill Number/Closed Date: 0406722 / 9/20/2004				
NEVINS ST. PUMP STATION/B	NEVINS ST. PUMP STATION	NNE 0 - 1/8 (0.108 mi.)	L81	216
Spill Number/Closed Date: 8705006 / 11/18/1987				
NEVINS PUMP STATION/BKLYN	NEVINS ST PUMP STATION	NNE 0 - 1/8 (0.108 mi.)	L82	218
Spill Number/Closed Date: 8901073 / 5/3/1989				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NIVENS PUMP STATION / NIV Spill Number/Closed Date: 8700118 / 4/7/1987	NIVENS STREET	NNE 0 - 1/8 (0.108 mi.)	L83	219
NEVINS STREET, DEGRAW STR Spill Number/Closed Date: 8607778 / 3/20/1987	NEVINS ST/ DEGRAW ST.	NNE 0 - 1/8 (0.108 mi.)	L84	220

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 39 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUTO BODY CONCEPTS	***549 SACKETT ST***	***NE 0 - 1/8 (0.058 mi.)***	***E30***	***107***
JO-LEE TRUCKING	463 CARROLL ST	SSE 0 - 1/8 (0.061 mi.)	C44	140
A 2 Z ENVIRONMENTAL LLC	601 UNION ST	E 0 - 1/8 (0.067 mi.)	F50	151
BAYSIDE FUEL OIL DEPOT CORP	***510 SACKETT ST***	***NNW 0 - 1/8 (0.108 mi.)***	***K75***	***209***
FINEST AUTO & RECOVERY	***310 3RD AVE***	***SSE 0 - 1/8 (0.109 mi.)***	***M85***	***221***
TWO DANS ENTERPRISES	***385 CARROLL ST***	***W 0 - 1/8 (0.112 mi.)***	***I89***	***228***
NYCDOT BIN 2240270	***UNION ST BRIDGE OVER***	***NW 1/8 - 1/4 (0.127 mi.)***	***P94***	***237***
DENTS OUT AUTO BODY LTD	***327 BOND ST***	***WNW 1/8 - 1/4 (0.129 mi.)***	***P97***	***244***
THOMAS PAULSON & SON INC	450 UNION ST	NW 1/8 - 1/4 (0.130 mi.)	P99	248
PENSKE TRUCK LEASING CO LP	***347 BOND ST***	***W 1/8 - 1/4 (0.142 mi.)***	***Q106***	***270***
CON EDISON MANHOLE: 45284	163 BOND ST	NNW 1/8 - 1/4 (0.143 mi.)	K109	284
REGENCY SERVICE CARTS INC	***337-361 CARROLL ST***	***W 1/8 - 1/4 (0.146 mi.)***	***Q112***	***288***
CROSSBAY BAY CONTRACTING	242 NEVINS ST	NNE 1/8 - 1/4 (0.156 mi.)	L118	322
SEMPLE RIEGER CO	***635 SACKETT ST***	***E 1/8 - 1/4 (0.168 mi.)***	***U128***	***372***
RYDER TRUCK RENTAL INC	***280 DOUGLAS ST***	***ENE 1/8 - 1/4 (0.168 mi.)***	***R131***	***381***
ELECTRIC SWITCHBOARD CO INC	***185 THIRD AVE***	***ENE 1/8 - 1/4 (0.179 mi.)***	***R139***	***424***
NEW AMSTERDAM THEATER	***40 1ST ST***	***W 1/8 - 1/4 (0.183 mi.)***	***Q143***	***439***
TANKS TO U	***233 NEVINS ST***	***NNE 1/8 - 1/4 (0.184 mi.)***	***X144***	***440***
NYCT - UNION STATION R LINE	***UNION ST & 4TH AVE***	***ESE 1/8 - 1/4 (0.196 mi.)***	***Z155***	***457***
O-Z GEDNEY	***262 BOND ST***	***N 1/8 - 1/4 (0.198 mi.)***	***S156***	***459***
TK60446	3RD. AVE YARD	SSE 1/8 - 1/4 (0.202 mi.)	T164	533
TM439	***222 1ST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T168***	***580***
AUTO BODY CONCEPTS DBA ABC	270 4TH AVE	SE 1/8 - 1/4 (0.204 mi.)	AA171	593
PETROLEUM TANK CLEANERS LTD	236 BUTLER ST	NNE 1/8 - 1/4 (0.204 mi.)	X175	609
HESS#32530	***204-222 FOURTH AVE***	***E 1/8 - 1/4 (0.205 mi.)***	***U177***	***611***
CON EDISON	223 NEVINS ST	NNE 1/8 - 1/4 (0.208 mi.)	X188	679
NYCDOT BRIDGE BIN 2243210	PRESIDENT ST BRG OVER F	SE 1/8 - 1/4 (0.209 mi.)	AA192	685
VERIZON LOG 31756 MANHOLE 325	3RD ST & 3RD AVE	S 1/8 - 1/4 (0.224 mi.)	AE217	726
MAACO AUTO PAINTING & BODYWORK	***296 4TH AVE & 1ST ST***	***SSE 1/8 - 1/4 (0.227 mi.)***	***AF221***	***729***
SPARTAN PETROLEUM	***275 FOURTH AVE***	***SE 1/8 - 1/4 (0.236 mi.)***	***AF228***	***743***
CON EDISON MANHOLE: 13363	314 BUTLER ST	ENE 1/8 - 1/4 (0.241 mi.)	AJ230	759
CON EDISON SERVICE BOX 38837	87 2ND ST	W 1/8 - 1/4 (0.243 mi.)	232	762
PIPPIN ENTERPRISES LTD	***220 3RD ST***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE234***	***765***
216 3RD STREET	***216 3RD ST***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE237***	***784***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT UNION ST BRIDGE	UNION ST BRG - GOWANUS	NNW 0 - 1/8 (0.049 mi.)	B20	82

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHATHAM CLEANERS INC	***280 NEVINS ST***	***NNE 0 - 1/8 (0.061 mi.)***	***B47***	***143***
NYSDOT 3RD ST BRIDGE & GOWANUS	3RD ST BRG OVER GOWANUS	SW 1/8 - 1/4 (0.191 mi.)	Y150	453
NEW YORK TELEPHONE CO	***175 THIRD ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***Y181***	***656***
DICENT SERVICE STATION	***169 3RD AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***Y187***	***677***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN BOND***	***NNE 1/8 - 1/4 (0.207 mi.)***	***AB185***	***666***

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUG, CITIZENS GATE STATION	6TH STREET AND 2ND AVEN	SW 1/4 - 1/2 (0.319 mi.)	AK249	827

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

A review of the NY MANIFEST list, as provided by EDR, and dated 02/28/2014 has revealed that there are 56 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARK SLOPE PAINT STRIPPERS INC	553 UNION ST	NE 0 - 1/8 (0.009 mi.)	A9	33
NEW YORK TELEPHONE	***318 NEVINS ST***	***NNE 0 - 1/8 (0.013 mi.)***	***A13***	***64***
CON EDISON	OPP 408 CARROLL ST	SSW 0 - 1/8 (0.056 mi.)	D24	87
LINDA TOOL & DIE CORP	***459 CARROLL ST***	***SSE 0 - 1/8 (0.057 mi.)***	***C29***	***97***
AUTO BODY CONCEPTS	***549 SACKETT ST***	***NE 0 - 1/8 (0.058 mi.)***	***E30***	***107***
NYNEX	UNION ST & 3RD AVE	E 0 - 1/8 (0.061 mi.)	F45	142
CON EDISON	127 3RD AVE	E 0 - 1/8 (0.063 mi.)	F49	149
BELL ATLANTIC-NY	SACKETT & 3 AVE MANHOLE	ENE 0 - 1/8 (0.084 mi.)	H60	173
NYCDEP	SACKETT ST & 3RD AVE	E 0 - 1/8 (0.085 mi.)	H61	173
CON EDISON	578 UNION ST	ESE 0 - 1/8 (0.099 mi.)	F68	195
BAYSIDE FUEL OIL DEPOT CORP.	***510 SACKETT ST***	***NNW 0 - 1/8 (0.108 mi.)***	***K74***	***202***
TWO DANS ENTERPRISES	***385 CARROLL ST***	***W 0 - 1/8 (0.112 mi.)***	***I89***	***228***
NYCDOT BIN 2240270	***UNION ST BRIDGE OVER***	***NW 1/8 - 1/4 (0.127 mi.)***	***P94***	***237***
NYC DEPT OF EDUCATION - PS 834	***512 CARROLL ST***	***SE 1/8 - 1/4 (0.130 mi.)***	***J100***	***250***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON	3RD AVE & 1ST STREET	SSE 1/8 - 1/4 (0.131 mi.)	M103	263
PENSKE TRUCK LEASING CO LP	***347 BOND ST***	***W 1/8 - 1/4 (0.142 mi.)***	***Q106***	***270***
CONSOLIDATED EDISON	BOND & CARROLL STREET	W 1/8 - 1/4 (0.142 mi.)	Q108	282
REGENCY SERVICE CARTS	***337-361 CARROLL STREET***	***W 1/8 - 1/4 (0.146 mi.)***	***Q113***	***290***
CON EDISON	604 UNION ST	ESE 1/8 - 1/4 (0.153 mi.)	O116	319
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***NNE 1/8 - 1/4 (0.156 mi.)***	***L120***	***328***
CON EDISON	OPP 265 DOUGLASS ST	NE 1/8 - 1/4 (0.158 mi.)	R121	354
SEMPLE RIEGER CO	***635 SACKETT ST***	***E 1/8 - 1/4 (0.168 mi.)***	***U128***	***372***
CONSOLIDATED EDISON	V5491-633 SACKETT ST	E 1/8 - 1/4 (0.168 mi.)	U129	377
RYDER TRUCK RENTAL INC	***280 DOUGLAS ST***	***ENE 1/8 - 1/4 (0.168 mi.)***	***R131***	***381***
ELECTRIC SWITCHBOARD CO INC	***185 THIRD AVE***	***ENE 1/8 - 1/4 (0.179 mi.)***	***R139***	***424***
NYCDEP	259 BOND ST	NNW 1/8 - 1/4 (0.181 mi.)	S142	438
ALL BRIGHT DRY CLEANERS	125 2ND ST	WSW 1/8 - 1/4 (0.191 mi.)	W148	449
NYCT - UNION STATION R LINE	***UNION ST & 4TH AVE***	***ESE 1/8 - 1/4 (0.196 mi.)***	***Z155***	***457***
O-Z GEDNEY	***262 BOND ST***	***N 1/8 - 1/4 (0.198 mi.)***	***S156***	***459***
CONSOLIDATED EDISON	***222 1ST ST***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T162***	***479***
CON EDISON	***222 FIRST ST***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T163***	***489***
CON EDISON	***222 FIRST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T165***	***534***
CON EDISON - 3RD AVE	***222 FIRST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T166***	***536***
CONSOLIDATED EDISON	222 FIRST ST	SSE 1/8 - 1/4 (0.202 mi.)	T167	572
TM439	***222 1ST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T168***	***580***
PETROLEUM TANK CLEANERS	***236 BUTLER STREET***	***NNE 1/8 - 1/4 (0.204 mi.)***	***X172***	***594***
HESS#32530	***204-222 FOURTH AVE***	***E 1/8 - 1/4 (0.205 mi.)***	***U177***	***611***
CON EDISON	210 3 ST	SSW 1/8 - 1/4 (0.216 mi.)	AC201	699
190-220 THIRD STREET STORE LLC	214 3RD STREET	SSW 1/8 - 1/4 (0.217 mi.)	AC204	703
CONSOLIDATED EDISON	3 AVE & 3 STREET & 6 ST	S 1/8 - 1/4 (0.223 mi.)	AE213	718
CON EDISON	3RD AVE & 3RD STREET	S 1/8 - 1/4 (0.224 mi.)	AE215	724
CONSOLIDATED EDISON	3RD AVE & 3RD ST	S 1/8 - 1/4 (0.224 mi.)	AE216	724
MAACO AUTO PAINTING & BODYWORK	***296 4TH AVE & 1ST ST***	***SSE 1/8 - 1/4 (0.227 mi.)***	***AF221***	***729***
CON EDISON	163 3RD AVE	NE 1/8 - 1/4 (0.232 mi.)	AD225	736
SPARTAN PETROLEUM	***275 FOURTH AVE***	***SE 1/8 - 1/4 (0.236 mi.)***	***AF228***	***743***
CON EDISON	FO 314 BUTLER STREET	ENE 1/8 - 1/4 (0.241 mi.)	AJ231	760
PIPPIN ENTERPRISES LTD	***220 3RD ST***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE234***	***765***
216 3RD STREET	***216 3RD ST***	***SSW 1/8 - 1/4 (0.245 mi.)***	***AE237***	***784***
CON EDISON	260 3RD ST	S 1/8 - 1/4 (0.248 mi.)	238	786

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRUSADER CANDLE CO INC	***325 NEVINS ST***	***SW 0 - 1/8 (0.008 mi.)***	***A5***	***13***
CHATHAM CLEANERS	***280 NEVINS ST***	***NNE 0 - 1/8 (0.061 mi.)***	***B46***	***142***
NYCDEP	***210 DOUGLAS ST***	***N 1/8 - 1/4 (0.164 mi.)***	***S123***	***361***
NEW YORK TELEPHONE CO	***175 THIRD ST***	***SSW 1/8 - 1/4 (0.205 mi.)***	***Y181***	***656***
CON EDISON	187 3 ST	SSW 1/8 - 1/4 (0.209 mi.)	Y193	686
CON EDISON	58 3 ST	SW 1/8 - 1/4 (0.209 mi.)	Y194	687
CON EDISON	190 3 ST	SSW 1/8 - 1/4 (0.212 mi.)	AC197	690

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 02/28/2014 has revealed that there are 2 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***NNE 1/8 - 1/4 (0.156 mi.)***	***L120***	***328***
CON EDISON - 3RD AVE	***222 FIRST STREET***	***SSE 1/8 - 1/4 (0.202 mi.)***	***T166***	***536***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 01/21/2014 has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KLOR-DE CLEANERS	263 3RD AVENUE	ESE 0 - 1/8 (0.060 mi.)	F42	139
ALL-BRITE CLEANERS	125 2ND STREET	WSW 1/8 - 1/4 (0.191 mi.)	W147	449

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHATHAM CLEANERS	***280 NEVINS ST***	***NNE 0 - 1/8 (0.061 mi.)***	***B46***	***142***

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

A review of the NY E DESIGNATION list, as provided by EDR, and dated 03/12/2014 has revealed that there is 1 NY E DESIGNATION site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 15,TAXBLOCK 452	400 CARROLL STREET	WSW 0 - 1/8 (0.088 mi.)	I63	175

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR MGP list, as provided by EDR, has revealed that there are 5 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FULTON MUNICIPAL WORKS	NEVINS, DEGRAW AND SACK	NNE 0 - 1/8 (0.084 mi.)	E59	172
FORMER CITIZEN GAS WORKS MGP S	5TH STREET AND SMITH ST	WSW 1/4 - 1/2 (0.461 mi.)	274	908
BU-METROPOLITAN MGP	124-136 SECOND AVE	SW 1/2 - 1 (0.571 mi.)	AQ279	914
USPS GOWANUS SITE. FORMER MGP	2ND AVENUE AND 12TH STR	SW 1/2 - 1 (0.680 mi.)	281	917

Lower Elevation	Address	Direction / Distance	Map ID	Page
FULTON WORKS	DEGRAW STREET AND NEVINNNE 0 - 1/8 (0.119 mi.)		L90	231

EXECUTIVE SUMMARY

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 35 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	301 NEVINS ST	NNE 0 - 1/8 (0.020 mi.)	B16	79
Not reported	295 NEVINS ST	NNE 0 - 1/8 (0.035 mi.)	B18	81
Not reported	293 NEVINS ST	NNE 0 - 1/8 (0.040 mi.)	B19	81
Not reported	558 SACKETT ST	NE 0 - 1/8 (0.056 mi.)	B25	90
Not reported	572 SACKETT ST	ENE 0 - 1/8 (0.057 mi.)	E28	96
Not reported	264 3RD AVE	ESE 0 - 1/8 (0.058 mi.)	F32	120
Not reported	537 SACKETT ST	NNE 0 - 1/8 (0.059 mi.)	B34	121
Not reported	524 PRESIDENT ST	SE 0 - 1/8 (0.072 mi.)	F52	155
Not reported	529 PRESIDENT ST	ESE 0 - 1/8 (0.080 mi.)	F53	155
Not reported	528 PRESIDENT ST	ESE 0 - 1/8 (0.081 mi.)	F54	155
Not reported	576 UNION ST	ESE 0 - 1/8 (0.095 mi.)	F67	194
Not reported	597 SACKETT ST	E 0 - 1/8 (0.102 mi.)	H70	198
Not reported	510 SACKETT ST	NNW 0 - 1/8 (0.108 mi.)	K73	202
Not reported	584 UNION ST	ESE 0 - 1/8 (0.112 mi.)	J88	228
Not reported	212 3RD AVE	ENE 0 - 1/8 (0.122 mi.)	H91	231
Not reported	590 UNION ST	ESE 0 - 1/8 (0.124 mi.)	O93	236
Not reported	637 UNION ST	ESE 1/8 - 1/4 (0.143 mi.)	O110	285
Not reported	242 NEVINS ST	NNE 1/8 - 1/4 (0.156 mi.)	L117	322
Not reported	142 2ND ST	WSW 1/8 - 1/4 (0.181 mi.)	W140	434
Not reported	234 4TH AVE	ESE 1/8 - 1/4 (0.195 mi.)	Z152	455
Not reported	248 4TH AVE	ESE 1/8 - 1/4 (0.196 mi.)	Z154	456
Not reported	210 4TH AVE	ESE 1/8 - 1/4 (0.202 mi.)	U160	478
Not reported	262 4TH AVE	SE 1/8 - 1/4 (0.202 mi.)	AA161	478
Not reported	270 4TH AVE	SE 1/8 - 1/4 (0.204 mi.)	AA170	592
Not reported	264 BUTLER ST	NE 1/8 - 1/4 (0.205 mi.)	R176	611
Not reported	234 BUTLER ST	NNE 1/8 - 1/4 (0.206 mi.)	X183	664
Not reported	245 4TH AVE	SE 1/8 - 1/4 (0.209 mi.)	AA191	684
Not reported	169 3RD AVE	NE 1/8 - 1/4 (0.216 mi.)	AD203	703
Not reported	220 3RD ST	S 1/8 - 1/4 (0.219 mi.)	AE206	707
Not reported	290 4TH AVE	SE 1/8 - 1/4 (0.222 mi.)	AF210	715
Not reported	671 UNION ST	ESE 1/8 - 1/4 (0.226 mi.)	Z219	727
Not reported	330 DOUGLASS ST	ENE 1/8 - 1/4 (0.227 mi.)	AG220	728
Not reported	296 4TH AVE	SSE 1/8 - 1/4 (0.227 mi.)	AF222	734
Not reported	271 4TH AVE	SE 1/8 - 1/4 (0.229 mi.)	AF223	735
Not reported	164 DOUGLASS ST	NNW 1/8 - 1/4 (0.229 mi.)	AI224	735

EXECUTIVE SUMMARY

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

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

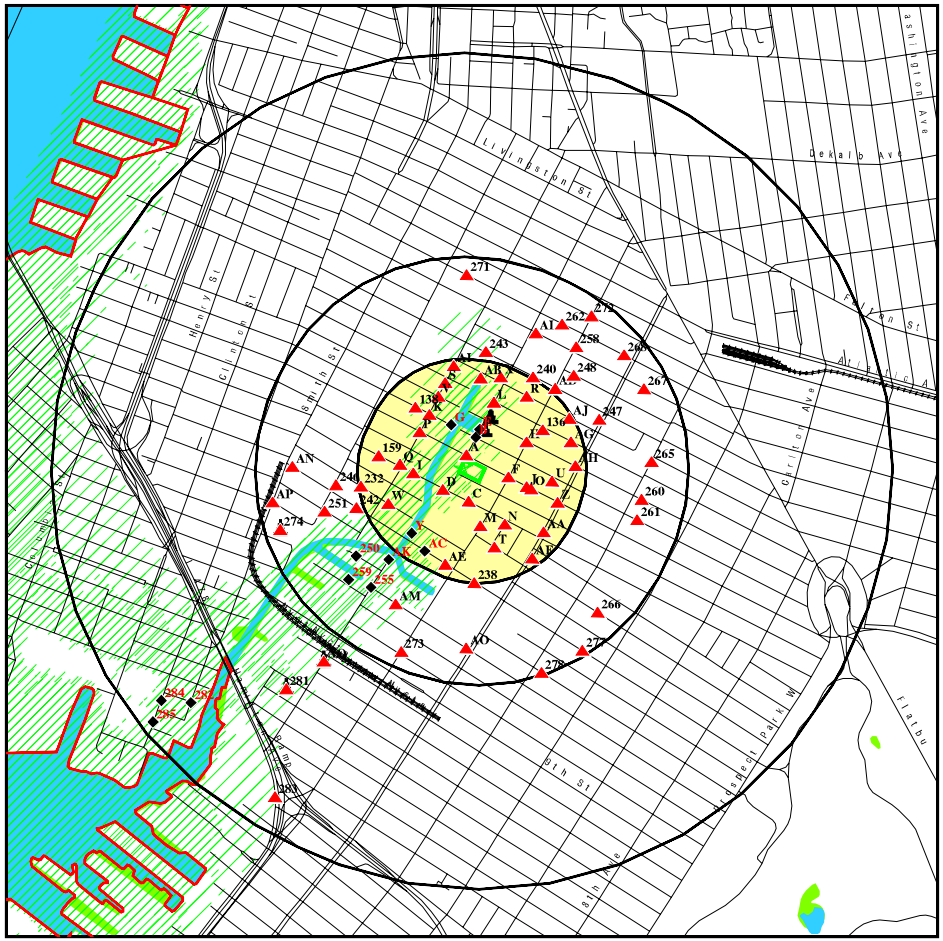
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	263 3RD AVE	ESE 0 - 1/8 (0.060 mi.)	F41	138
Not reported	470 SACKETT ST	NW 1/8 - 1/4 (0.178 mi.)	138	424
Not reported	230 4TH AVE	ESE 1/8 - 1/4 (0.195 mi.)	Z153	455
Not reported	313 BUTLER ST	NE 1/8 - 1/4 (0.220 mi.)	AD207	708

EXECUTIVE SUMMARY

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

Site Name	Database(s)
NYS DOT BIN 106539A	PA MANIFEST
NYCDOT BRIDGE BIN 2240250	RCRA NonGen / NLR, NY MANIFEST
BELL ATLANTIC-NY	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
BP PRODUCTS OF NORTH AMERICA INC	NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
CON EDISON	NY MANIFEST
CON EDISION - MH38210	RCRA NonGen / NLR, NY MANIFEST
MTA NYCT - 30TH STREET YARD	RCRA NonGen / NLR, NY MANIFEST
UNION LEAD & OIL CO	CERC-NFRAP
BKLYN UNION GAS /FULTON MUNI WORK	CERC-NFRAP
NYSDOT BIN 2067889	RCRA-LQG
NYSDOT BIN 1076750	RCRA-LQG
NYSDOT BIN 1076849	RCRA-LQG
COFFEY STREET	FINDS
EXIT 34	NY Spills
KINGS HIGHWAY MOBIL	NY Spills
BETW/AVE X &	NY Spills
205842; KINGS HWY	NY Spills

OVERVIEW MAP - 3933605.2s



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

Indian Reservations BIA
County Boundary
Oil & Gas pipelines from USGS
100-year flood zone
500-year flood zone
National Wetland Inventory
State Wetlands

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

SITE NAME:	President Street/Union Street/Nevins Street	CLIENT:	Carlin Simpson and Associates
ADDRESS:	President Street, Union Street, Nevins Street Brooklyn NY 11215	CONTACT:	Meredith Anke
LAT/LONG:	40.6786 / 73.9876	INQUIRY #:	3933605.2s
		DATE:	May 05, 2014 10:09 am

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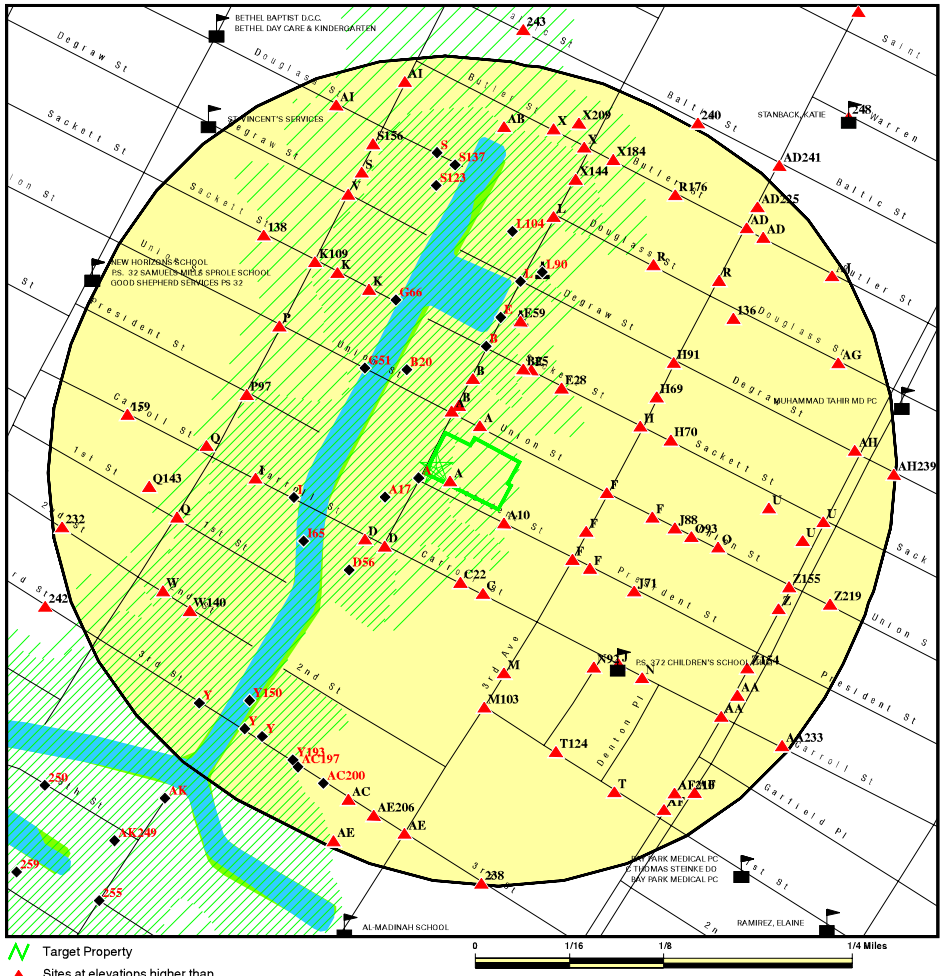
DETAIL MAP - 3933605.2s



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

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

SITE NAME: President Street/Union Street/Nevins Street	CLIENT: Carlin Simpson and Associates
ADDRESS: President Street, Union Street, Nevins Street Brooklyn NY 11215	CONTACT: Meredith Anke
LAT/LONG: 40.6786 / 73.9876	INQUIRY #: 3933605.2s DATE: May 05, 2014 10:10 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	4	NR	NR	NR	4
RCRA-SQG	0.250		1	3	NR	NR	NR	4
RCRA-CESQG	0.250		3	2	NR	NR	NR	5
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	2	0	5	NR	7
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		1	2	6	NR	NR	9
State and tribal leaking storage tank lists								
NY LTANKS	0.500		4	12	26	NR	NR	42
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
NY TANKS	0.250		0	0	NR	NR	NR	0
NY UST	0.250		5	20	NR	NR	NR	25
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		1	0	0	NR	NR	1
NY AST	0.250		7	17	NR	NR	NR	24
NY CBS AST	0.250		0	1	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		1	0	0	NR	NR	1
NY CBS	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY ENG CONTROLS	0.500		0	1	0	NR	NR	1
NY INST CONTROL	0.500		0	1	0	NR	NR	1
NY RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		3	3	1	NR	NR	7
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	1	1	NR	NR	2
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	1	0	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		6	10	NR	NR	NR	16
NY HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NY LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		32	NR	NR	NR	NR	32
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		8	31	NR	NR	NR	39
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	1	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	1	NR	NR	1
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		14	42	NR	NR	NR	56
NJ MANIFEST	0.250		0	2	NR	NR	NR	2
NY DRYCLEANERS	0.250		2	1	NR	NR	NR	3
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125		1	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		2	0	1	2	NR	5
EDR US Hist Auto Stat	0.250		16	19	NR	NR	NR	35
EDR US Hist Cleaners	0.250		1	3	NR	NR	NR	4
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA LF	TP		NR	NR	NR	NR	NR	0
NY RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **REGULATOR R-22** **NY Spills** **S102145038**
NEVIN & PRESIDENT STS **N/A**
< 1/8 **NEW YORK CITY, NY**
1 ft.

Site 1 of 15 in cluster A

Relative: Higher

Actual: 9 ft.

SPILLS:

Facility ID:	8801819
Facility Type:	ER
DER Facility ID:	161299
Site ID:	193452
DEC Region:	2
Spill Date:	5/27/1988
Spill Number/Closed Date:	8801819 / 5/27/1988
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	CANZIANI
Referred To:	Not reported
Reported to Dept:	5/27/1988
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	5/27/1988
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/31/1988
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	OPERATING SERV PERSONNEL
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	BLOCKAGE IN THE BRANCH INTERCEPTER. .03 MGD AMOUNT LOST CASE 1207.

Material:

Site ID:	193452
Operable Unit ID:	917264
Operable Unit:	01
Material ID:	460944
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A2
SW
< 1/8
0.005 mi.
28 ft.

Relative:
Lower

Actual:
7 ft.

VERIZON NEW YORK INC. (NY35570)
318 NEVINS STREET
BROOKLYN, NY 11215

Site 2 of 15 in cluster A

NY UST **U004198767**
N/A

UST:

Id/Status:	2-344265 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017-12-14
UTM X:	585562.31327000004
UTM Y:	4503535.51578
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	001
Tank ID:	32534
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/16/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	05/01/1989
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	08/10/2006

Tank Number:	003
Tank ID:	32535
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/16/2006
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	06/01/1989
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	08/10/2006

Tank Number:	004
Tank ID:	45622
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	12/01/1988

VERIZON NEW YORK INC. (NY35570) (Continued) **U004198767**

Date Tank Closed:	10/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Tightness Test Method:	01
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	005
Tank ID:	45623
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	280
Install Date:	Not reported
Date Tank Closed:	05/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Tank Number:	006
Tank ID:	46194
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	08/01/1993
Date Tank Closed:	10/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

A3
SW
< 1/8
0.005 mi.
28 ft.

Relative:
Lower

Actual:
7 ft.

VERIZON
318 NEVINS ST
BROOKLYN, NY

Site 3 of 15 in cluster A

NY Spills **S113405253**
N/A

SPILLS:

Facility ID:	1215913
Facility Type:	ER
DER Facility ID:	64089
Site ID:	479255

VERIZON (Continued) **S113405253**

DEC Region:	2
Spill Date:	2/27/2013
Spill Number/Closed Date:	1215913 / 6/17/2013
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2/27/2013
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/27/2013
Spill Record Last Update:	6/18/2013
Spiller Name:	THOMAS BOSSHARD
Spiller Company:	VERIZON
Spiller Address:	318 NEVINS ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	THOMAS BOSSHARD
Contact Phone:	(631) 654-7920
DEC Memo:	02/28/13-Hiralkumar Patel.Block #: 439 / Lot #: 1alternate addresses: 300-344 Nevins Street, 484-504 Union Street, 403-423 Carroll StreetPBS #: 2-344265. as per PBS record, the site had following tanks:- one 2,000 gal gasoline UST removed in May 2006- one 2,000 gal diesel UST removed in May 2006- one 4,000 gal gasoline UST installed in Dec. 1988 and removed in Oct. 2003 - one 4,000 gal diesel UST installed in Aug. 1993 and removed in Oct. 2003 - one 275 gal waste oil AST installed in Sep. 1993 and removed in Dec. 2012- one 280 gal other oil UST closed-in-place in May 1993other spills at site: 9207367, 9208840, 9314103, 9801467, 0306012spill #: 9207367 was reported on 09/24/1992 due to findings of gasoline in well near 2,000 gal gasoline tank. case still open under remediation. DEC Kolleeny is project manager. as per notes dated 02/01/13, Envirotrac (contractor working for Verizon) proposes excavation of soil from vicinity of well MW-8, in sidewalk along Union Street.spill #: 9208840 was reported on 10/30/1992 due to 2 gal waste oil spill during testing of oil/water separator. case closed.spill #: 9314103 was reported on 03/02/1994 due to gasoline tank test failure. case closed and referred to spill # 9207367.spill #: 9801467 was reported on 05/04/1998 due to diesel spill from vehicle. case closed.spill #: 0306012 was reported on 09/06/2003 due to gasoline tank test failure. case closed and referred to spill # 9207367.as per NYC DOB permit dated 05/05/1993, NY Telephone installed one 4,000 gal diesel tank and one 275 gal waste oil tank.Nevins Street Holdings LLC. **property owner**c/o Property Markets Group5 East 17th StreetNew York, NY 1000311:30 AM:- left message for Tom.11:40 AM:- received message from Tom. he will call back later.3:25 PM:- received call from Tom. he mentioned that Verizon had lease on the property and now they are leaving the site. prior to departure, they conducted assessment and

VERIZON (Continued) **S113405253**

collected some samples. during assessment, they found SVOC contamination in area inside the vehicle maintenance shop. they suspect a former in-ground hydraulic lift as the source for this contamination. Tom mentioned that soil excavation will most probably begin on 03/04/13.Thomas H. BosshardEnvironmental SpecialistVerizon Global EH&S Compliance501 North Ocean AvenuePatchogue, NY 11772Ph. (631) 654-7920 (O) (631) 901-8272 (C)Fax (631) 475-2217email: thomas.bosshard@verizon.comcase assigned to DEC Zhune for follow-up.03/4/13-Zhune visited the site met Mr. Bosshard. The contractors were excavating the area of the concrete patch where boring GP-3 was installed and where they suspected the hydraulc lifts were located. As per Mr. Bosshard they did not find evidence of the hydraulic lifts, instead they found urban fill(brick, glass, ash and organics), They said due to the structure of the garage they will stop doing further excavation. They will backfill it. 6/17/13- Zhune received and reviewed the Request for Spill Closure Report sent by Verizon via email and dated 4/2/13. During a Phase II 7 soil borings were installed GP-1 through GP-7 and seven(7) soil samples were collected from the seven borings. The soil analyitcal results indicated no VOCs detected and SVOCs detected exceeding the NYSDEC CP-51 in all seven soil samples with the highest concentration dectected at GP-3. Boring GP-3 was installed within a concrete patch, presumed to be the location of a former hydraulic lift in the garage portion of the building.The area of the concrete patch where boring GP-3 had previously been installed was excavated. A toal of 17.75 tons of soil was excavated from the concrete patch area of the garage. The excavation measured approximately 11 feet long, 5 feet wide and 11 feet deep. Five post excavation samples were collected from each sidewall and bottom of the excavation. The soil analitycal results indicated no VOCs were detected in any of the post samples at concentrations excceding the standards. SVOCs were detected at concntratons exceeding the NYSDEC CP-51 at samples from North sidewall, East sidewall, West sidewall and South sidewall.Based on the detected SVOC's associated with urban fill which is prevalent throughout the New York City , incluiding downtown Brooklyn and the historical uses of the property as lumber and coal yards the spill is closed.

Remarks: soil samples confirm loss near former site of lift, c/u pending

Material:

Site ID:	479255
Operable Unit ID:	1228992
Operable Unit:	01
Material ID:	2226744
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A4
SW
< 1/8
0.005 mi.
28 ft.

Relative:
Lower

Actual:
7 ft.

VERIZON NEW YORK INC. (NY35570)
318 NEVINS STREET
BROOKLYN, NY 11215

Site 4 of 15 in cluster A

NY AST

A100382320
N/A

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-344265
Program Type:	PBS
UTM X:	585562.31327000004
UTM Y:	4503535.51578
Expiration Date:	2017-12-14
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	007
Tank Id:	46195
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	09/01/1993
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/11/2012
Register:	True
Modified By:	NRLOMBAR
Last Modified:	01/04/2013
Material Name:	Not reported

A5
SW
< 1/8
0.008 mi.
42 ft.

Relative:
Lower

Actual:
8 ft.

CRUSADER CANDLE CO INC
325 NEVINS ST
BROOKLYN, NY 11215

Site 5 of 15 in cluster A

NY LTANKS
NY MANIFEST

S102672916
N/A

LTANKS:

Site ID:	266812
Spill Number/Closed Date:	9501568 / 5/8/1995
Spill Date:	5/8/1995
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	5/8/1995
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	5/8/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported

CRUSADER CANDLE CO INC (Continued)

S102672916

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/19/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	WHALECO - DRIVER
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	217327
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	Not reported

Material:

Site ID:	266812
Operable Unit ID:	1015969
Operable Unit:	01
Material ID:	370173
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	2
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	266813
Spill Number/Closed Date:	9508359 / 10/9/1995
Spill Date:	10/9/1995
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	10/9/1995
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False

CRUSADER CANDLE CO INC (Continued) **S102672916**

Remediation Phase: 0
Date Entered In Computer: 10/9/1995
Spill Record Last Update: 10/30/1995
Spiller Name: Not reported
Spiller Company: WHALCO FUEL OIL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: CRUSADER CANDLE CO
Spiller Phone: (718) 625-0005
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 217327
DEC Memo: Not reported
Remarks: TANK OVERFILL

Material:
Site ID: 266813
Operable Unit ID: 1019061
Operable Unit: 01
Material ID: 362868
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY MANIFEST:
EPA ID: NYD987005840
Country: USA
Mailing Name: CRUSADER CANDLE CO INC
Mailing Contact: CRUSADER CANDLE CO INC
Mailing Address: 325 NEVINS ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-625-0005

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 2012-12-19
Trans1 Recv Date: 2012-12-19
Trans2 Recv Date: Not reported

CRUSADER CANDLE CO INC (Continued) **S102672916**

TSD Site Recv Date: 2012-12-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 003310794SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 02-Jan-2013 00:00:00
Trans1 Recv Date: 02-Jan-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07-Jan-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003079556SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

CRUSADER CANDLE CO INC (Continued) **S102672916**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 17-Jan-2013 00:00:00
Trans1 Recv Date: 17-Jan-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 21-Jan-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003086332SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 06-May-2013 00:00:00
Trans1 Recv Date: 06-May-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09-May-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

CRUSADER CANDLE CO INC (Continued) **S102672916**

TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003090194SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 30-May-2013 00:00:00
Trans1 Recv Date: 30-May-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 18
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003099382SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

CRUSADER CANDLE CO INC (Continued) **S102672916**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	10-Jun-2013 00:00:00
Trans1 Recv Date:	10-Jun-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	13-Jun-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	003100680SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	15-Apr-2013 00:00:00
Trans1 Recv Date:	15-Apr-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	18-Apr-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number EPA ID Number

CRUSADER CANDLE CO INC (Continued) **S102672916**

Year:	2013
Manifest Tracking Num:	003308068SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	26-Jun-2013 00:00:00
Trans1 Recv Date:	26-Jun-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01-Jul-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	003308469SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	14-Mar-2013 00:00:00
Trans1 Recv Date:	14-Mar-2013 00:00:00

CRUSADER CANDLE CO INC (Continued) **S102672916**

Trans2 Recv Date: Not reported
TSD Site Recv Date: 18-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003375407SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 27-Mar-2013 00:00:00
Trans1 Recv Date: 27-Mar-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003396484SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

CRUSADER CANDLE CO INC (Continued) **S102672916**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 24-Apr-2013 00:00:00
Trans1 Recv Date: 24-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 25-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 14
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003400129SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported

CRUSADER CANDLE CO INC (Continued) **S102672916**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	003458251SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	30-Jan-2013 00:00:00
Trans1 Recv Date:	30-Jan-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04-Feb-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	003461873SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CRUSADER CANDLE CO INC (Continued) **S102672916**

Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	14-Feb-2013 00:00:00
Trans1 Recv Date:	14-Feb-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	18-Feb-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	14
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	003469459SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	Not reported
Generator Ship Date:	25-Sep-2013 00:00:00
Trans1 Recv Date:	25-Sep-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	30-Sep-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987005840
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	16
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2

CRUSADER CANDLE CO INC (Continued) **S102672916**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003703432SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 06-Aug-2013 00:00:00
Trans1 Recv Date: 06-Aug-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08-Aug-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003708905SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205

CRUSADER CANDLE CO INC (Continued) **S102672916**

Trans2 State ID: Not reported
Generator Ship Date: 11-Sep-2013 00:00:00
Trans1 Recv Date: 11-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 16-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003732000SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 23-Aug-2013 00:00:00
Trans1 Recv Date: 23-Aug-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 29-Aug-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003733085SKS
Import Ind: N

CRUSADER CANDLE CO INC (Continued) **S102672916**

Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 09-Oct-2013 00:00:00
Trans1 Recv Date: 09-Oct-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 14-Oct-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000729694SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 02-Jan-2013 00:00:00
Trans1 Recv Date: 02-Jan-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07-Jan-2013 00:00:00
Part A Recv Date: Not reported

CRUSADER CANDLE CO INC (Continued) **S102672916**

Part B Recv Date: Not reported
Generator EPA ID: NYD987005840
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: Not reported
Quantity: 16
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 003079556SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

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

A6 **CRUSADER CANDLE CO INC** **RCRA-CESQG** **1000694280**
SW **325 NEVINS ST** **FINDS** **NYD987005840**
< 1/8 **BROOKLYN, NY**
0.008 mi.
42 ft. **Site 6 of 15 in cluster A**

Relative:
Lower

Actual:
8 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: CRUSADER CANDLE CO INC
Facility address: 325 NEVINS ST
BROOKLYN, NY 112151015
EPA ID: NYD987005840
Mailing address: NEVINS ST
BROOKLYN, NY 11215
Contact: Not reported
Contact address: NEVINS ST
BROOKLYN, NY 11215
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

CRUSADER CANDLE CO INC (Continued) **1000694280**

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

Owner/Operator Summary:
Owner/operator name: PAUL J MORRA
Owner/operator address: 145 KILBURN RD
GARDEN CITY, NY 11530
Owner/operator country: US
Owner/operator telephone: (718) 625-0005
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PAUL J MORRA
Owner/operator address: 145 KILBURN RD
GARDEN CITY, NY 11530
Owner/operator country: US
Owner/operator telephone: (718) 625-0005
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CRUSADER CANDLE CO INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: CRUSADER CANDLE CO INC
Classification: Not a generator, verified

CRUSADER CANDLE CO INC (Continued) **1000694280**

Date form received by agency: 06/12/1992
Facility name: CRUSADER CANDLE CO INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/13/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004491283

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

A7 **BRUCE RIBELNON OMNI MALL** **NY LTANKS** **S101508966**
SSE **473 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.009 mi.
47 ft. **Site 7 of 15 in cluster A**

Relative:
Higher

Actual:
10 ft.

LTANKS:
Site ID: 323409
Spill Number/Closed Date: 9412605 / Not Reported
Spill Date: 12/20/1994
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: VSZHUNE
Referred To: Not reported
Reported to Dept: 12/20/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 3/1/1995
Spill Record Last Update: 10/7/2013
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported

BRUCE RIBELNON OMNI MALL (Continued) **S101508966**

Spiller City,St,Zip: NN
Spiller County: 999
Spiller Contact: BRUCE RIBELNON
Spiller Phone: (718) 522-3000
Spiller Extention: 265
DEC Region: 2
DER Facility ID: 260527
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"3500 gallon tank unregistered.Property contact is Steve Zakheim at 718-629-3333. Zakheim stated that this area was addressed and will send in documentation. Other tank and subsurface work has been conducted under different #s at this site in past. Check other files to determine if this area has been addressed.05/22/09-Zhune called Mr. Zakheim. Could not get him. Left message.04/03/13- Zhune spoke to Stella. She said Mr. Steve Zakhein is going to be absent for long time call Joseph at 718-629-1000 Ext. 383.10/4/13- Zhune called Joseph. he indicated he is no longer managing the building. Bruce Ribelnon4 wheeler DriveHuntintong Station NY 11746631-673-9884Second address: 514 Union Street
Remarks: ABOANDONED LINE FAILED TEST - NO SPILL OF PRODUCT - TANK TESTER HAD NO TANK NUMBER

Material:
Site ID: 323409
Operable Unit ID: 1010209
Operable Unit: 01
Material ID: 374899
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 323409
Spill Tank Test: 1543466
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

A8 **PARK SLOPE PAINT STRIPPERS INC** **RCRA-SQG** **1012187182**
NE **553 UNION ST** **NYR000170472**
< 1/8 **BROOKLYN, NY 11215**
0.009 mi.
48 ft. **Site 8 of 15 in cluster A**

Relative:
Higher

Actual:
11 ft.

RCRA-SQG:
Date form received by agency: 11/12/2009
Facility name: PARK SLOPE PAINT STRIPPERS INC
Facility address: 553 UNION ST
BROOKLYN, NY 11215
EPA ID: NYR000170472
Mailing address: UNION ST
BROOKLYN, NY 11215
Contact: DEAN CAMENARES
Contact address: UNION ST
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 783-4112
Contact email: DEAN@WESTRIPWOOD.COM
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MICHAEL MARCHITELLO
Owner/operator address: 14TH AVE
BROOKLYN, NY 11228
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1997
Owner/Op end date: Not reported

Owner/operator name: DEAN CAMENARES
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2009
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

PARK SLOPE PAINT STRIPPERS INC (Continued) **1012187182**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

A9 **PARK SLOPE PAINT STRIPPERS INC** **NY MANIFEST** **S110306133**
NE **553 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.009 mi.
48 ft. **Site 9 of 15 in cluster A**

Relative:
Higher

Actual:
11 ft.

NY MANIFEST:
EPA ID: NYR000170472
Country: USA
Mailing Name: PARK SLOPE PAINT STRIPPERS INC
Mailing Contact: PARK SLOPE PAINT STRIPPERS INC
Mailing Address: 553 UNION ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2010-06-14
Trans1 Recv Date: 2010-06-14
Trans2 Recv Date: 2010-06-14
TSD Site Recv Date: 2010-06-16
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1450.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 004718306JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2010-03-30
Trans1 Recv Date: 2010-03-30
Trans2 Recv Date: 2010-04-02
TSD Site Recv Date: 2010-04-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 004718397JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2010-03-30
Trans1 Recv Date: 2010-03-30
Trans2 Recv Date: 2010-04-02
TSD Site Recv Date: 2010-04-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1500.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 004718397JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2010-05-03
Trans1 Recv Date: 2010-05-03
Trans2 Recv Date: 2010-05-03
TSD Site Recv Date: 2010-05-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 004718471JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2010-08-17
Trans1 Recv Date: 2010-08-17
Trans2 Recv Date: 2010-08-20
TSD Site Recv Date: 2010-08-24
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 006657718JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Trans2 State ID: NJD080631369
Generator Ship Date: 2010-11-03
Trans1 Recv Date: 2010-11-03
Trans2 Recv Date: 2010-11-05
TSD Site Recv Date: 2010-11-10
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 900.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 006657876JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2011-05-10
Trans1 Recv Date: 2011-05-10
Trans2 Recv Date: 2011-05-12
TSD Site Recv Date: 2011-05-16
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1200.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 006651124JJK
Import Ind: N

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2011-09-01
Trans1 Recv Date: 2011-09-01
Trans2 Recv Date: 2011-09-02
TSD Site Recv Date: 2011-09-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 006651336JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2011-11-11
Trans1 Recv Date: 2011-11-11
Trans2 Recv Date: 2011-11-14
TSD Site Recv Date: 2011-11-16
Part A Recv Date: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 006651422JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2011-01-10
Trans1 Recv Date: 2011-01-10
Trans2 Recv Date: 2011-01-14
TSD Site Recv Date: 2011-01-19
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 006657957JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-02-29
Trans1 Recv Date: 2012-02-29
Trans2 Recv Date: 2012-03-02
TSD Site Recv Date: 2012-03-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757563JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-06-04
Trans1 Recv Date: 2012-06-04
Trans2 Recv Date: 2012-06-13
TSD Site Recv Date: 2012-06-18
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757720JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-08-14
Trans1 Recv Date: 2012-08-14
Trans2 Recv Date: 2012-08-21
TSD Site Recv Date: 2012-08-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757891JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-02-29
Trans1 Recv Date: 2012-02-29
Trans2 Recv Date: 2012-03-02
TSD Site Recv Date: 2012-03-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757563JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-06-04
Trans1 Recv Date: 2012-06-04
Trans2 Recv Date: 2012-06-13
TSD Site Recv Date: 2012-06-18
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Year: 2012
Manifest Tracking Num: 008757720JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-08-14
Trans1 Recv Date: 2012-08-14
Trans2 Recv Date: 2012-08-21
TSD Site Recv Date: 2012-08-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1350.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757891JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-10-25
Trans1 Recv Date: 2012-10-25

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Trans2 Recv Date: 2012-10-26
TSD Site Recv Date: 2012-10-29
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 800.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008757997JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 13-Feb-2013 00:00:00
Trans1 Recv Date: 13-Feb-2013 00:00:00
Trans2 Recv Date: 15-Feb-2013 00:00:00
TSD Site Recv Date: 18-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1600
Units: P - Pounds
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 008758673JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 07-Mar-2013 00:00:00
Trans1 Recv Date: 07-Mar-2013 00:00:00
Trans2 Recv Date: 07-Mar-2013 00:00:00
TSD Site Recv Date: 08-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 2000
Units: P - Pounds
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 008758697JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 13-Feb-2013 00:00:00
Trans1 Recv Date: 13-Feb-2013 00:00:00
Trans2 Recv Date: 15-Feb-2013 00:00:00
TSD Site Recv Date: 18-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000170472
Trans1 EPA ID: Not reported

PARK SLOPE PAINT STRIPPERS INC (Continued) **S110306133**

Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1600
Units: P - Pounds
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 008758673JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

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

A10 **PRESIDENT STREET** **NY Spills** **S104653744**
SE **BETWEEN 3RD AVENUE/NEVINS** **N/A**
< 1/8 **BROOKLYN, NY**
0.010 mi.
52 ft. **Site 10 of 15 in cluster A**

Relative:
Higher

Actual:
14 ft.

SPILLS:
Facility ID: 0003302
Facility Type: ER
DER Facility ID: 195452
Site ID: 237235
DEC Region: 2
Spill Date: 6/15/2000
Spill Number/Closed Date: 0003302 / 5/5/2003
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 6/16/2000
CID: 204
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/16/2000

PRESIDENT STREET (Continued) **S104653744**

Spill Record Last Update: 5/5/2003
Spiller Name: TOM
Spiller Company: BASIN
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: LORI TOTILLO
Contact Phone: (718) 858-4548
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"5/5/03 tipple update/ street spill nearly 3 years old. closed
Remarks: CALLER STATES HER DAUGHTER WAS RIDING HER BIKE AND SLIPPED ON TRANSFORMER OIL - SHE CALLED THE COMPANY FROM THE NAME ON THE DUMPSTER AND THEY WERE GOING TO TAKE CARE IT BUT HAVE NOT YET.

Material:
Site ID: 237235
Operable Unit ID: 825514
Operable Unit: 01
Material ID: 555817
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

A11 **VERIZON** **NY LTANKS S103274088**
NNE **318 NEVINS STREET** **NY Spills N/A**
< 1/8 **BROOKLYN, NY**
0.013 mi.
70 ft. **Site 11 of 15 in cluster A**

Relative: Higher

Actual: 10 ft.

LTANKS:
Site ID: 164586
Spill Number/Closed Date: 0306012 / 10/2/2003
Spill Date: 9/6/2003
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: WXSUN
Referred To: 9207367
Reported to Dept: 9/6/2003
CID: 390
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False

VERIZON (Continued) **S103274088**

UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 9/6/2003
Spill Record Last Update: 5/21/2009
Spiller Name: ENVIROTRAC
Spiller Company: VERIZON
Spiller Address: 318 NEVINS ST
Spiller City,St,Zip: BROOKLYN, NY 11550-
Spiller County: 001
Spiller Contact: ENVIROTRAC
Spiller Phone: (631) 471-1500
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 257452
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"9/29/03 1119 Hrs DDO Sawyer tracked down address and sent tank test failure letter to John Quatrale at Verizon. 9/29/03 Reassinged from DeMeo to Sun.10/02/03 This spill is being remediated under Spill # 9207367. closed.
Remarks: tank failed test - no product spillage

Material:
Site ID: 164586
Operable Unit ID: 874585
Operable Unit: 01
Material ID: 503248
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 164586
Spill Tank Test: 1528647
Tank Number: Not reported
Tank Size: 4000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

SPILLS:
Facility ID: 9207367
Facility Type: ER
DER Facility ID: 257452
Site ID: 319546
DEC Region: 2
Spill Date: 9/24/1992

VERIZON (Continued) **S103274088**

Spill Number/Closed Date:	9207367 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	EXCAV DONE FEB '13; POST-EX GW MON ONGOING
Reported to Dept:	9/24/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	5
Date Entered In Computer:	9/28/1992
Spill Record Last Update:	1/27/2014
Spiller Name:	Not reported
Spiller Company:	VERIZON
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"transfered from tang/sullivan to tibbe. see also 9314103 and 0306012 at the same location.09/23/03 Transferred from Tibbe to Sun10/01/03 Joe Sun of NYSDEC spoke to Jeff Bohlen of Envirotrac (Consultant to Verizon) regarding the removal of two (2)x4000 gallon FRP USTs, which are scheduled to be removed today, 10/01/03. J.Bohlen stated that they will take the end samples next Tuesday or Wednesday . He will call again to confirm the time and date for DEC people to be at the site to witness the soil sampling.10/02/03- Sun- Faxed letter to John Quatrale of Verizon and Jeff Bohlen of EnviroTrac requesting the area to be excavated in conjunction with the tank removal activities currently progressing on site. Soil excavation will remove the source of the groundwater contamination, and accelerate the remediation of the spill site. Since source material exists under the sidewalk, an attached letter can be used to expedite the DOT permit acquisition. 10/03/2003-Sun-Spoke with John Quatrale of Verizon about excavation of contaminated soils at 318 Nevins Street. He stated that he agrees with DEC's recommendation to excavate the area on south side of Union Stret. Per DEC's request, Verizon will proceed to expedite the DOT permit acquisition immediately. We will meet next week at the site to further survey the facility when Envirotrac starts to take end samples. 10/7/2003-Sun & Vought visited the Verizon's site and met John Quatrale of Verizon and Jeff Bohlen of Envirotrac. At the time of our visit, one 4000 gallon gasoline FRP UST was already removed. Based on our discussion, Verizon will take one end sample for every twenty five (25) feet on each side wall and one ground water sample on the bottom of the tank. The extent of excavation will be based on the PID readings. The analysis of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) will be performed using EPA Methods 8260 &

VERIZON (Continued) **S103274088**

8270, respectively. Verizon will excavate another 4000 gallon fiberglass coated steel UST (diesel tank) on 10/9/2003. 1/5/06: Case reassigned to Andersen. Reviewed the quarterly report for April - June 2005. There is a strong decrease in contaminants by natural attentuation. Max BTEX 2,855 (MW8) and max MTBE 110 (MW 8 and 9).1/12/06: Reviewed quarterly third 2005 quarterly report. Increase in contaminant concentration in the hotspot (MW-8 and MW12). Wait one more quarter and send and RAP required letter. Max BTEX 6,791 ppb (MW8) and max MTBE 145 ppb (MW8).2/9/06: Reviewed fourth quarterly 2005 report. Fluctuating concentrations in MW-8. Max BTEX 3991 ppb and max MTBE 137 ppb. Sent RAP required letter. 4/6/06: RAP approved. Two closed-in-place 2,000 gallon tanks will be removed and soil excavated.4/27/06: Meeting with Verizon, NYSDEC, and EnviroTrac. Two closed in place tanks will be removed. There is old fill material and concrete remnants of old buildings in the ground. This site is adjacent to the Gowanus Canal.5/4/06: Access letter sent to envirotrac for MTA permit.5/11/06: Received first quarterly 2006 report. Excavation and tank removal planned for 5/15/06. Max BTEX 4,348ppb (MW8), max MTBE 61 ppb.8/25/06: One 2,000 gallon diesel and one 2,000 gallon gasoline previously abandoned USTs were removed in May 2006. Impacted soil was removed to limits of excavation (tieback wall of gowanus canal and retaining wall). A petroleum sheen was seen in water in excavation and 838 gallons of was were removed with a vacuum truck. Two endpoint samples collected, no VOC exceedances, some sVOC exceedances. Two monitoring wells were installed in the excavation (MW16 and MW17). Groundwater sampled on 6/15/06. Max BTEX 3,806 ppb in MW8, max MTBE 27ppb in MW17. Third quarter 2006 gw sampling scheduled for September. 11/27/06: Received July - September 2006 update report. Wells sampled on 9/11/06. Max BTEX 5,164 ppb in MW8. Fluctuating gw concentrations. This is the second sampling event since source removal. An RAP may be required after next sampling event.2/22/07: Reviewed update report. Wells sampled on 12/15/06. Max BTEX 1,648 ppb (MW8), max MTBE 46 ppb (MW17). Local treatment of MW8 may be required if it does not naturally attenuate.5/24/07: RAP required for groundwater treatment of MW8. Due 7/5/07.7/6/07: Received RAP for MNA until the end of 2007. "At that time, if the level of contamination warrants remedial action, the feasibility of chemical oxidation in the area of mw8 will be evaluated".8/30/07: Reviewed update report. Wells sampled on 6/8/07. Max BTEX 833 ppb (MW8), max MTBE 120 ppb (MW17). MNA until fourth quarter 2007. 7/2/08 - Carlson: Reviewed January - March 2008 update report. Wells sampled on 3/26/08. Max BTEX 1,848 ppb (MW8). Report states a workplan will be submitted under a separate cover. Emailed Tom Bosshard - what is the expected workplan submittal date.7/3/08 - Carlson: Received email from Tom Bosshard. RAP will be submitted by July 31, 2008.8/6/08 - Carlson: Approved Remedial Work Plan for the use of Regenox. Regenox will be injected into four new injection wells in the sidewalk adjacent to wells MW8 and MW12. 8/7/08 - Carlson: Received email from John Quatrale:"Labor negotiations are ongoing and the union is working without a contract since August 3, this may drag on for some time. That said, I am still trying to get the work done before the end of the month and will advise as to the actual scheduled date."8/25/08 - Carlson: Received OMMP report dated 8/25/08. Injection well installation scheduled for 9/9/08. Received email from Tom Bosshard :"Please note that baseline monitoring for parameters outlined in the OMMP will be conducted during the third quarter ground-water sampling event, which will be conducted during the week

VERIZON (Continued) **S103274088**

of September 8th. We expect toconduct the RegenOx injection in late September or October, prior to the fourth quarter ground-water sampling event scheduled for December."Reviewed April through June 2008 Update Report. Wells sampled on June 20, 2008. Depth to water 4 - 9 ft. Maximum BTEX concentration 12,370 ppb (MW8).10/17/08 - Carlson: Reviewed July 2008 - September 2008 Update Report. Wells sampled on 9/7/08. Maximum BTEX concentration 720 ppb in MW12. Six injection wells installed and Regenox injected in September 2008. Monitoring wells MW8 and MW12 will be sampled in October 2008 to evaluate Regenox effectiveness.3/5/09 - Carlson: Reviewed October - December 2008 Quarterly Report. Regenox injected in November. Spike in MW8 may be from dissolution resulting from Regenox. Regenox injection planned again in May 2009.5/4/09 - Carlson: Reviewed update report. General decrease in contaminant concentrations. Another regenox injection planned in may 2009.8/20/09 - Carlson: Reviewed April 2009 through June 2009 Update Report. A third injection event was performed in May 2009. BTEX,TVOCs are still high in MW8. 12/18/09 - Carlson: Reviewed update report. EFR planned on December 10 to recover contaminants desorbed by Regenox.2/19/2010 - Carlson: Reviewed update report. EFR conducted in December 2009 prior to December sampling event. Impacted groundwater remains in MW8. Another EFR planned prior to March sampling event.5/13/2010 - Carlson: Reviewed update report. EFR on 3/3/2010. Wells sampled on 3/30/2010. Low dissolved concentrations. Another EFR event planned prior to June sampling event.8/27/2010 - Carlson: Reviewed April 2010 through June 2010 Update Report. EFR conducted from MW8. Spike in concentration in MW8. Quarterly EFR and groundwater sampling to continue.11/9/2010 - Breen. July through September Update report received from Environtrac. EFR extraction at MW-8 on 9-7-10. Next event scheduled for December. 2/17/2011 - Breen. Paper copy of October-December 2010 Update rpt received from Environtrac. 08/08/11: This spill case transferred from G. Breen to J. Kolleeny. Reviewed Update Rpt for Jan. thru March 2011 by EnviroTrac, submitted on 5/9/11 (in eDocs). Rpt gives results of 3/29/11 GW sampling event. High levels of contam continue to persist in MW-8, which had 7,410 ug/L total VOCs (down from 13,031 ug/L in Dec. 2010). Off-site up-gradient well MW-11 had 343 ug/L tVOCs (up a little from 322 ug/L in Dec. 2010), and up-gradient on-site well MW-12 had 401 ug/L tVOCs, up from 320 ug/L in Dec. 2010; contam in both MW-11 and MW-12 is primarily benzene (320 ug/L benzene in MW-11; 400 ug/L in MW-12). Rpt states that EFR events will continue at MW-8 on regular basis, with next EFR event scheduled for June 2011, and GW sampling to be conducted 2 or 3 weeks after that. Spoke with Tom Bosshard of EnviroTrac, who mentioned they found an unknown monitoring well across Union St. from MW-8, and wondered if I knew who installed it and if it would be OK for them to sample it for addt'l up-gradient GW data. I could not find a nearby open spill case, but told Tom I see no reason not to sample well. I suggested that they should measure depth to bottom of well and determine screened interval to make sure well will provide reliable data. He said they would. Changed site priority ranking to P2, because site is in post-injection monitoring phase. - J. Kolleeny03/16/12: On 3/13/12, got phone message from Gavin Zollo of EnviroTrac asking that I review proposal in Sept. - Dec. 2011 Update Rpt to remove a number of monitoring wells from quarterly sampling program. I reviewed EnviroTrac's Update Rpts for April-June 2011, July-Sept. 2011, and Oct.-Dec. 2011, submitted 8/9/11, 11/18/11, and 3/13/11, resp. (all in eDocs). Rpts show no impacts in wells proposed

VERIZON (Continued) **S103274088**

for removal from quarterly GW mon. program, but increasing total VOCs in well MW-8 and to lesser extent in off-site wells MW-11 and MW-18 (across Union St. from MW-8). For June 2011 sampling event, MW-8 had 11,381 ug/L total VOCs, MW-11 had 439 ug/L tVOCs (MW-18, referred to in rpt as "unknown well," was not sampled, but rpt states that well will be inspected during Sept. 2011 event and if in satisfactory condition, will be sampled). In Sept. 2011, MW-8 had 12,671 ug/L tVOCs, MW-11 had 331 ug/L tVOCs, and MW-18 had 36 ug/L tVOCs. (Rpt notes that DEC conducted a spill search of area which did not reveal any open or closed spills that might explain presence of well MW-18; also says EnviroTrac requests that DEC conduct addt'l review of properties up-gradient of site to northeast of Verizon site to try to find reason this well was installed, and states that it appears that an off-site source is impacting Verizon's "up-gradient monitoring well network.") For Dec. 2011 sampling event, MW-8 had 16,454 ug/L tVOCs, MW-11 had 423 ug/L tVOCs, and MW-18 had 343 ug/L tVOCs. Rpt recommends removing wells MW-3, MW-4, MW-6, MW-7, MW-10, MW-13, MW-15, MW-16 & MW-17 from quarterly GW sampling schedule; these wells would continue to be gauged for depth to water and presence of product on quarterly basis and would be sampled annually during September GW monitoring event. On 3/16/12, I sent email to Gavin Zollo of EnviroTrac: "Gavin, I've looked over EnviroTrac's Update Rpt for Sept. thru Dec. 2011 for this spill site, dated 3/13/12, and want to send out email approving recommendations to eliminate most on-site wells from quarterly sampling program but to continue to gauge them quarterly and sample them annually. Can you please provide contact info for your client, including name, position, address and email address? Also, looking back over last three quarterly status rpts, I notice that total VOC concentrations in problematic well MW-8 have steadily increased, from about 11,000 ug/L to over 16,000 ug/L! This is in spite of EnviroTrac performing quarterly EFR events on well and recently adding air sparging at several nearby wells that were installed for chem ox injections. Do you have any thoughts as to what might be going on at well MW-8? If you're going to suggest an up-gradient off-site source, I'm sorry but I don't buy it. First, even tho EnviroTrac's rpts refer to MW-8 as an off-site well, I don't consider it to be off site, just because it's in sidewalk. It's in immediate vicinity of Verizon's USTs that are known to have leaked. Second, concentrations in wells across street, MW-18 and MW-11, are much lower, which argues against an off-site plume reaching MW-8 from an up-gradient source. Third, as concentrations in MW-8 have increased, moderate VOC levels in wells across street have also increased, suggesting to me that they are responding to whatever is going on at MW-8; possibly there is some tidal effect from nearby Gowanus Canal smearing contamination in MW-8 over toward MW-18 and MW-11. Anyway, please let me know your thoughts on this, and please provide contact info for someone at Verizon." Gavin wrote back: "Jon, Please send all correspondence for any Region 2 Verizon facilities, including 318 Nevins Street, to Tom Bosshard. After a recent rearrangement of their envt'l group he is current Envt'l Manager for Verizon in NY area. His info is below:Thomas H. Bosshard, CPGEnvironmental Manager, Verizon Global EH&S Compliance501 North Ocean Avenue, Patchogue, New York 11772O: 631-654-7920, F: 631-475-2217, C: 631-901-8272thomas.bosshard@verizon.comJeff Bohlen, who is out in field today, and myself will review other points mentioned in your email and get back with you next week. Thank you for expediting your review of current rpt prior to our next sampling

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event. We appreciate your efforts." - J. Kolleeny03/19/12: I sent email to Tom Bosshard of Verizon, cc to Gavin Zollo of EnviroTrac: "Dear Mr. Bosshard: I have reviewed Update Rpt for Sept. thru Dec. 2011 pertaining to this spill site, prepared by EnviroTrac Envt'l Svcs and submitted on 3/13/12. Rpt presents results of GW sampling performed at site in Dec. 2011, as well as historical GW sampling data. Based on data, EnviroTrac recommends removing monitoring wells MW-3, MW-4, MW-6, MW-7, MW-10, MW-13, MW-15, MW-16 & MW-17 from quarterly GW sampling schedule; these wells would continue to be gauged for depth to water and presence of free product on quarterly basis and would be sampled annually during September GW monitoring event. This recommendation is approved. However, DEC notes that contaminant levels in well MW-8, located in sidewalk along Union Street and in vicinity of removed gasoline & diesel USTs, have steadily increased over last three sampling events, from ~11,000 ug/L total VOCs in June 2011 to over 16,000 ug/L total VOCs in Dec. 2011. This increase has occurred in spite of quarterly enhanced fluid recovery events being performed on this well, plus recent addition of air sparging using several nearby injection wells installed for application of chemical oxidant. DEC requests that EnviroTrac review available historical soil data from UST removal and from install'n of monitoring and injection wells to evaluate possibility that residual soil contamination in this area may be acting as an ongoing source of GW contamination. If contaminant levels in MW-8 continue to remain elevated, addt'l remedial actions may be required to address contamination. Please feel free to contact me if you have any questions." - J. Kolleeny03/20/12: Received email response from Gavin Zollo of EnviroTrac, with cc's to Jeff Bohlen of EnviroTrac and Tom Bosshard of Verison Envt'l: "John, Per your request, attached is hydrograph of MW-8 with notes of significant events. As you can see, water table elevation has increased over last few years by approx 2-3 ft. A rise in water table appears to correlate with higher BTEX concentrations and following injection of RegenOx, BTEX apparently desorbed from soil resulting in higher BTEX concentrations as compared to previous levels (this is common with RegenOx and tapers off with time). I suggest we continue with EFR/Air Sparging schedule and evaluate BTEX levels after 6 months (following 3rd quarter sampling in September). If you have any questions, please contact me." I wrote back, with same cc's: "Gavin, Thanks for your comments and for hydrograph of well MW-8. It is very possible that rise in water table elevation and effects of RegenOx injections may explain increase in VOC concentrations in well MW-8. I agree with your suggestion that EnviroTrac continue with EFR/air sparging program and re-evaluate GW conditions after 3rd quarter 2012 sampling event." Email exchange is in eDocs, with hydrograph attached as last page. - J. Kolleeny07/05/12: Reviewed Update Rpt - Jan. thru March 2012 by EnviroTrac, submitted with transmittal sheet dated 4/13/12 and received 4/16/12 (in eDocs). Rpt states that enhanced fluid recovery was performed on worst well, MW-8, on 3/16/12, recovering 1,536 gals of GW, and portable air sparge system was also used to enhance recovery of residual soil vapors in vicinity of MW-8 by injecting air into surrounding injection wells IW-1 thru IW-3; effluent air had PID readings up to 31 ppm. GW samples were collected on 3/30/12 from wells MW-8, MW-9, MW-11, MW-12 and MW-18. Well MW-8 had 11,344 ug/L total BTEX (down from 12,018 ug/L in December 2011) and 17,528 ug/L total VOCs (up from 16,454 ug/L in December 2011); MW-11 had 344.5 ug/L tVOCs (down from 423.2 ug/L in Dec. 2011), MW-12 had 200 ug/L

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tVOCs (down from 261.1 ug/L in Dec. 2011), and MW-18 (which rpt refers to as "up-gradient") had 272.5 ug/L tVOCs (down from 343.4 ug/L in Dec. 2011). Well MW-18 seems to be cross-gradient to me, and contam there is likely due to tidal smearing from nearby Gowanus Canal. Rpt states that EFR events in conjunction with air sparging events will continue at MW-8 on quarterly basis, with next event scheduled for June 2012, followed by GW sampling 2-3 weeks later. - J. Kolleeny09/14/12: Reviewed Update Rpt April-June 2012 by EnviroTrac, submitted with transmittal sheet dated 8/20/12 (in eDocs). GW sampling on 6/28/12 showed worst well, MW-8, had 10,487 ug/L total VOCs (down from 17,528 ug/L in March 2012); well MW-11 had 501 ug/L tVOCs (up from 345 ug/L in March 2012) and well MW-18 had 341 ug/L tVOCs (up from 273 ug/L in March 2012). Rpt states that quarterly EFR events will continue to be performed on MW-8 in conjunction with AS events at surrounding injection wells, with next event scheduled for Sept. 2012; 3rd quarter 2012 GW sampling event will be conducted 2 or 3 weeks after EFR/AS event. Also, received phone call from Mark Godick of AKRF (914-922-2356), consultant to property owner (Verizon is tenant), who is trying to get NYC to rezone property. They plan to develop property with a bldg in a year or so; bldg will likely cover former UST area (but not sidewalk where MW-8 is located), and they will likely be excavating soil, perhaps dewatering, and installing vapor barrier beneath bldg (GW too shallow for SSDS). They will be doing a RAP for NYCOER related to this. We discussed remedial options for Verizon and whether re-development could interfere with spill cleanup, and agreed that this is unlikely since main residual impacts appear to be in sidewalk along Union St., not in former UST area. Mark will be in touch in future. - JK10/25/12: Met with Tom Bosshard of Verizon and Jeff Bohlen of EnviroTrac; Vadim Brevdo and Paul John of DEC also attended (sign-in sheet in eDocs). Verizon's lease expires at end of 2013, and they plan to close bldg by mid-December 2012. To expedite spill closure, they propose to excavate soil in sidewalk area around problem well MW-8 down to GW. I suggested they also apply oxidizing chemicals to GW in excavation; they agreed. They will prepare and submit work plan for excavation, separate from 3rd quarter monitoring rpt. - J. Kolleeny12/04/12: Reviewed Update Rpt July 2012 through Sept. 2012 by EnviroTrac, submitted under transmittal letter dated 11/28/12 (in eDocs). Rpt summarizes performance of EFR on well MW-8, and presents results of Sept. 2012 GW sampling event. EFR was done on Sept. 8, 2012, recovering total of ~1,135 gals of GW. Results of GW sampling on Sept. 25, 2012 show MW-8 had 7,147 ug/L total VOCs, down from 10,487 ug/L in June 2012; MW-11 had 381 ug/L tVOCs, down from 501 ug/L in June 2012; MW-12 had 330 ug/L tVOCs, up from 230 ug/L in June 2012; MW-18 had 92 ug/L tVOCs, down from 341 ug/L in June 2012. Rpt states that remedial alternatives for area of MW-8 are currently being evaluated; in meantime, quarterly GW monitoring and EFR events will continue, with next round scheduled for December 2012. - J. Kolleeny01/30/13: Reviewed Update Rpt Oct. thru Dec. 2012 by EnviroTrac, dated 1/23/13 (in eDocs). EFR was conducted on MW-8 on 12/11/12, with air sparging at nearby injection wells; during EFR with sparging, PID monitoring of effluent air stream at MW-8 gave readings up to 101 ppm. Vacuum measurements taken at nearby wells show no measurable vacuum influence; however, water levels in nearby wells decreased slightly, indicating creation of capture zone around MW-8. Total of 600 gals of water were recovered during 8-hr event. GW sampling on 12/28/12 showed significant decrease in VOCs in worst

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well MW-8, which had 2,690 ug/L total VOCs, down from 7,147 ug/L in Sept. 2012, and was 3rd consecutive quarterly decrease. Well MW-11 had 206 ug/L tVOCs (down from 381 ug/L in Sept. 2012) and well MW-12 had 331 ug/L tVOCs (~same as 330 ug/L in Sept. 2012). Rpt states that quarterly GW monitoring will continue, and that remedial plan to address area of MW-8 will be submitted under separate cover. - J. Kolleeny02/01/13: Reviewed Addt'l Remedial Work Plan by EnviroTrac, dated 1/31/13 (in eDocs). Work Plan proposes excavation of soil from vicinity of persistently most-contaminated well MW-8, in sidewalk along Union St adjacent to site, and application of RegenOxT and ORC Advancedr to excavation. Existing on-site monitoring wells will be abandoned, and any wells destroyed during excavation will be replaced for post-excavation GW monitoring, which will be performed and reported on quarterly basis. Work plan includes a Community Air Monitoring Plan (after request by DEC). I sent letter (in eDocs) to Tom Bosshard of Verizon, cc to Jeff Bohlen of EnviroTrac, approving plan but asking that end-pt soil samples be collected from excavation sidewalls if feasible, to document soil conditions at excavation limits. - J. Kolleeny08/07/13: Reviewed 4/29/13 Update Rpt Jan. thru March 2013 by EnviroTrac (in eDocs as "Post-Excavation Status Rpt"). Summarizes excavation of contam soil in sidewalk area along Union St. during Feb. 2013. Excavation done in two parts; from first area, two sidewall and one bottom end-pt soil samples were collected, results showed no significant residual impacts. In 2nd area, one bottome end-pt sample was collected (due to sheeting, no sidewalls could be collected); results again showed no significant residual impacts. Prior to backfilling, RegenOx and ORC Advanced were applied to both excavation areas. Well MW-8 (historically worst well) was destroyed during excavation but was reinstalled during backfilling. Total of 82.64 tons of soil were removed. After excavation, all on-site monitoring wells were properly abandoned (as previously approved by DEC). On March 29, 2013, off-site (i.e., sidewalk) wells MW-8, MW-9, MW-11, MW-12 and MW-18 were gauged and sampled. No free product detected. Results show MW-8 had 8,644 ug/L total VOCs, up from 2,690 ug/L in Dec. 2012; well MW-11 had 214.5 ug/L tVOCs, up from 206 ug/L in Dec. 2012. EnviroTrac states that increases are likely due to disturbance of subsurface by excavation and application of chem ox. Quarterly GW monitoring will continue, with next event to be in June 2013. - J. Kolleeny12/04/13: Reviewed 8/27/13 Update Rpt April-June 2013 by EnviroTrac (in eDocs). Results of June 2013 GW sampling event show well MW-8 had 4,052 ug/L total VOCs (down from 8,644 ug/L in March 2013), well MW-12 had 220 ug/L tVOCs (same as in March 2013), well MW-18 had 81 ug/L tVOCs (up from 37 ug/L in March 2013). EnviroTrac attributes tVOCs decrease in MW-8 to excavation of contam soil "source material" and subsequent chem ox application, states that well network will continue to be sampled on quarterly basis, in Sept. and Dec. 2013. - JK01/27/14: Reviewed 10/29/13 Update Rpt June-Sept. 2013 by EnviroTrac (in eDocs). Results of Sept. 2013 GW sampling event show well MW-8 had 4,378 ug/L total VOCs (up from 4,052 ug/L in June 2013), well MW-12 had 391 ug/L tVOCs (up from 220 ug/L in June 2013), well MW-18 had 9 ug/L tVOCs (down from 81 ug/L in June 2013). EnviroTrac notes that total BTEX in well MW-8 decreased from 1,983 ug/L in June 2013 to 1,814 ug/L in Sept. 2013, and attributes this to excavation of contaminated source material and subsequent chem ox/ORC application. Rpt states that well network will continued to be sampled quarterly, with Dec. 2013 event. - J. Kolleeny
Not reported

VERIZON (Continued) **S103274088**

Remarks: GASOLINE DISCOVERED IN WELL NEAR TANK 2K GASOLINE WILL TEST NEXT WEEK4K GASOLINE DOUBLE WALL,FIBERGLASS WILL CHECK LEAK DET- SYSTEM AND SPACE 2K DEISEL WILL TEST NEXT WEEK.

Material:

Site ID:	319546
Operable Unit ID:	974312
Operable Unit:	01
Material ID:	408007
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9801467
Facility Type:	ER
DER Facility ID:	64089
Site ID:	67006
DEC Region:	2
Spill Date:	5/4/1998
Spill Number/Closed Date:	9801467 / 5/5/1998
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	5/4/1998
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/4/1998
Spill Record Last Update:	5/25/2010
Spiller Name:	Not reported
Spiller Company:	BELL ATLANTIC
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	ABOVE NOTIFIER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"CLEANED BY RP.

VERIZON (Continued) **S103274088**

Remarks: spill to pavement - spill contained - cleanup crew enroute - unk cause from a veh

Material:
Site ID: 67006
Operable Unit ID: 1059104
Operable Unit: 01
Material ID: 558084
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9314103
Facility Type: ER
DER Facility ID: 257452
Site ID: 296335
DEC Region: 2
Spill Date: 3/2/1994
Spill Number/Closed Date: 9314103 / 4/14/2003
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MCTIBBE
Referred To: 9207367
Reported to Dept: 3/2/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/3/1994
Spill Record Last Update: 5/21/2009
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"refer to 9207367.
Remarks: LOOKS TO BE PROBLEM WITH FILL BOX SPILL ON GRAVED AT FILL AREA - TO

VERIZON (Continued) **S103274088**

VAC UP & DO FOLLOW UP CLEAN UP.

Material:
Site ID: 296335
Operable Unit ID: 996062
Operable Unit: 01
Material ID: 558809
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9208840
Facility Type: ER
DER Facility ID: 257452
Site ID: 319547
DEC Region: 2
Spill Date: 10/30/1992
Spill Number/Closed Date: 9208840 / 10/30/1992
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 10/30/1992
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 10/30/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/4/1992
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: OCURRED WHILE TESTING OIL WATER SEPERATION DRAIN SYSTEM OIL WENT TO BOOM DELAYED SINCE YESTERDAY,MECHANICAL PROBLEM HAS FIXED PROBLEM NO

VERIZON (Continued) **S103274088**

MORE LEAK ONLY 2 GALS

Material:

Site ID:	319547
Operable Unit ID:	972381
Operable Unit:	01
Material ID:	405919
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A12 **BELL ATLANTIC** **NY HIST UST U003074735**
NNE **318 NEVINS STREET** **NY HIST AST N/A**
< 1/8 **BROOKLYN, NY 11215**
0.013 mi.
70 ft. **Site 12 of 15 in cluster A**

Relative:
Higher

Actual:
10 ft.

HIST UST:

PBS Number:	2-344265
SPDES Number:	Not reported
Emergency Contact:	BELL ATLANTIC
Emergency Telephone:	(800) 386-9639
Operator:	BELL ATLANTIC
Operator Telephone:	(800) 339-6144
Owner Name:	NEW YORK TELEPHONE
Owner Address:	221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip:	NEW YORK, NY 10016
Owner Telephone:	(800) 339-6144
Owner Type:	Corporate/Commercial
Owner Subtype:	New York Telephone
Mailing Name:	BELL ATLANTIC
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10016
Mailing Contact:	KATHLEEN TOBIN
Mailing Telephone:	(212) 338-6731
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	318 NEVINS STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False

BELL ATLANTIC (Continued) **U003074735**

Certification Date:	01/28/1998
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	2000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	05/01/1989
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	05/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	09/01/1993
Capacity (gals):	2000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None

BELL ATLANTIC (Continued) **U003074735**

Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 06/01/1989
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 09/01/1993
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 12/01/1988
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass coated steel
Tank Internal: None
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: 09/01/1993
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 280
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported

BELL ATLANTIC (Continued) **U003074735**

Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 05/01/1993
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 08/01/1993
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Concrete
Tank Internal: Fiberglass Liner (FRP)
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:
PBS Number: 2-344265
SWIS Code: 6101
Operator: BELL ATLANTIC
Facility Phone: (800) 339-6144
Facility Addr2: 318 NEVINS STREET
Facility Type: UTILITY
Emergency: BELL ATLANTIC
Emergency Tel: (800) 386-9639
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NEW YORK TELEPHONE
Owner Address: 221 EAST 37TH STREET, 4TH FLOOR
Owner City,St,Zip: NEW YORK, NY 10016
Federal ID: Not reported
Owner Tel: (800) 339-6144
Owner Type: Corporate/Commercial
Owner Subtype: T
Mailing Contact: KATHLEEN TOBIN

BELL ATLANTIC (Continued) **U003074735**

Mailing Name: BELL ATLANTIC
Mailing Address: 221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10016
Mailing Telephone: (212) 338-6731
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 01/28/1998
Expiration: 12/14/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 8275
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City Code: 01
Region: 2

Tank ID: 007
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 09/01/1993
Capacity (Gal): 275
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: Vault (w/access)
Leak Detection: 00
Overfill Protection: 45
Dispenser Method: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

A13 **NEW YORK TELEPHONE** **RCRA-CESQG 1000791295**
NNE **318 NEVINS ST** **FINDS NYD987028016**
< 1/8 **BROOKLYN, NY** **NY MANIFEST**
0.013 mi.
70 ft. **Site 13 of 15 in cluster A**

Relative:
Higher

Actual:
10 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: NEW YORK TELEPHONE CO
Facility address: 318 NEVINS ST
BROOKLYN, NY 11215
EPA ID: NYD987028016
Mailing address: 31ST AVE
WOODSIDE, NY 11377
Contact: FRED SMITH
Contact address: 31ST AVE
WOODSIDE, NY 11377
Contact country: US
Contact telephone: (718) 726-9909
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: BANKERS LIFE CO
Owner/operator address: PO BOX 10387
DES MOINES, IA 50306
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BANKERS LIFE CO
Owner/operator address: PO BOX 10387
DES MOINES, IA 50306
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

NEW YORK TELEPHONE (Continued) **1000791295**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW YORK TELEPHONE CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/25/1993
Facility name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004500825

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

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

NY MANIFEST:
EPA ID: NYD987028016
Country: USA
Mailing Name: NYNEX
Mailing Contact: NICK CADAVILLO
Mailing Address: 318 NEVINS ST -BLDG 35570
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported

NEW YORK TELEPHONE (Continued) **1000791295**

Mailing Country: USA
Mailing Phone: 718-284-9984

Document ID: NYC2487262
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: P39183
Trans2 State ID: Not reported
Generator Ship Date: 930908
Trans1 Recv Date: 930908
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930929
Part A Recv Date: Not reported
Part B Recv Date: 931019
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: VAD105838874
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 93

Document ID: NJA1721423
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 930727
Trans1 Recv Date: 930727
Trans2 Recv Date: 930728
TSD Site Recv Date: 930728
Part A Recv Date: Not reported
Part B Recv Date: 930811
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: F001 - UNKNOWN
Quantity: 00270
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA1773080
Manifest Status: Completed copy
Trans1 State ID: NJDEPS500
Trans2 State ID: Not reported
Generator Ship Date: 940128

NEW YORK TELEPHONE (Continued) **1000791295**

Trans1 Recv Date: 940128
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940128
Part A Recv Date: Not reported
Part B Recv Date: 940209
Generator EPA ID: NYD987028016
Trans1 EPA ID: NYD006801245
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA1743498
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: JU4818
Generator Ship Date: 940324
Trans1 Recv Date: 940324
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940329
Part A Recv Date: Not reported
Part B Recv Date: 940412
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: F001 - UNKNOWN
Quantity: 00214
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA1926070
Manifest Status: Completed copy
Trans1 State ID: 08690DL81
Trans2 State ID: 08690
Generator Ship Date: 941222
Trans1 Recv Date: 941222
Trans2 Recv Date: 941227
TSD Site Recv Date: 941228
Part A Recv Date: Not reported
Part B Recv Date: 950112
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897

NEW YORK TELEPHONE (Continued) **1000791295**

Waste Code: F001 - UNKNOWN
Quantity: 00200
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NYC2817663
Manifest Status: Completed copy
Trans1 State ID: JU4818
Trans2 State ID: Not reported
Generator Ship Date: 940816
Trans1 Recv Date: 940816
Trans2 Recv Date: 940822
TSD Site Recv Date: 940823
Part A Recv Date: Not reported
Part B Recv Date: 940908
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ARD981908551
TSDF ID: KYD053348108
Waste Code: F001 - UNKNOWN
Quantity: 00214
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NYC4538867
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: MOD095038998
Generator Ship Date: 05/15/1998
Trans1 Recv Date: 05/15/1998
Trans2 Recv Date: 05/20/1998
TSD Site Recv Date: 05/21/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028016
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDF ID: NYAM6252
Waste Code: F001 - UNKNOWN
Quantity: 00206
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 98

NEW YORK TELEPHONE (Continued) **1000791295**

Document ID: ILA8991666
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: NJD071629976
Generator Ship Date: 04/12/2000
Trans1 Recv Date: 04/12/2000
Trans2 Recv Date: 04/14/2000
TSD Site Recv Date: 04/18/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028016
Trans1 EPA ID: ILD980613913
Trans2 EPA ID: Not reported
TSDF ID: UPW151288
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00075
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NYC5707192
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 06/28/2000
Trans1 Recv Date: 06/28/2000
Trans2 Recv Date: 07/07/2000
TSD Site Recv Date: 07/12/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028016
Trans1 EPA ID: KYD053348108
Trans2 EPA ID: Not reported
TSDF ID: NYDL7754
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

A14 **543 UNION STREET** **NY AST** **A100292514**
NNE **543 UNION STREET** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.015 mi.
80 ft. **Site 14 of 15 in cluster A**

Relative:
Higher

Actual:
10 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-608359

543 UNION STREET (Continued) **A100292514**

Program Type: PBS
UTM X: 585568.98334000004
UTM Y: 4503638.3061699998
Expiration Date: 2015-04-21
Site Type: Other

Affiliation Records:
Site Id: 30211
Affiliation Type: Mail Contact
Company Name: NYC PROPERTY CARE, LLC
Contact Type: Not reported
Contact Name: DEREK BUPP / PROPERTY MANAGER
Address1: 271 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 422-1070
EMail: DEREKBUPP@NYCPROPERTYCARE.COM
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 11/4/2008

Site Id: 30211
Affiliation Type: On-Site Operator
Company Name: 543 UNION STREET
Contact Type: Not reported
Contact Name: DEREK BUPP/PROPERTY MGR.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 422-1070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 11/4/2008

Site Id: 30211
Affiliation Type: Emergency Contact
Company Name: 543 UNION STREET CONDOMINIUM
Contact Type: Not reported
Contact Name: DEREK BUPP/PROPERTY MGR.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 422-1070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 11/4/2008

543 UNION STREET (Continued) **A100292514**

Site Id: 30211
Affiliation Type: Facility Owner
Company Name: 543 UNION STREET CONDOMINIUM
Contact Type: PROPERTY MANAGER
Contact Name: DEREK BUPP
Address1: 271 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 422-1070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 11/4/2008

Tank Info:

Tank Number: 001
Tank Id: 65076
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/21/2005
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 02/23/2010
Material Name: #2 Fuel Oil (On-Site Consumption)

B15 **SOUTH BROOKLYN REALTY LLC** **NY UST** **U003128182**
NNE **301 NEVINS STREET** **NY HIST UST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.020 mi.
107 ft. **Site 1 of 12 in cluster B**

Relative:
Higher

Actual:
10 ft.

UST:
Id/Status: 2-452483 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2007-07-05
UTM X: 585608.45261000004
UTM Y: 4503616.7833099999
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 19772
Affiliation Type: Facility Owner
Company Name: SOUTH BROOKLYN REALTY LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 410 4TH AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 797-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19772
Affiliation Type: Mail Contact
Company Name: SOUTH BROOKLYN REALTY LLC
Contact Type: Not reported
Contact Name: KEN SILBER
Address1: 410 4TH AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 797-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19772
Affiliation Type: On-Site Operator
Company Name: SOUTH BROOKLYN REALTY LLC
Contact Type: Not reported
Contact Name: KEN SILBER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 625-8667
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	19772
Affiliation Type:	Emergency Contact
Company Name:	SOUTH BROOKLYN REALTY LLC
Contact Type:	Not reported
Contact Name:	NICK IANNETTI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 797-9000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	35475
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Tank Number:	002
Tank ID:	35476
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	003
Tank ID:	35477
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 004
Tank ID: 35478
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

Tank Number: 005
Tank ID: 63808
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

HIST UST:
PBS Number: 2-452483
SPDES Number: Not reported
Emergency Contact: NICHOLAS S. CONIGLIO
Emergency Telephone: (718) 494-6669
Operator: NICHOLAS S.CONIGLIO
Operator Telephone: (718) 625-8667
Owner Name: NICHOLAS S. CONIGLIO
Owner Address: 37 UXBRIDGE STREET
Owner City,St,Zip: STATEN ISLAND, NY 10314
Owner Telephone: (718) 494-6669
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: NICHOLAS S. CONIGLIO
Mailing Address: 37 UXBRIDGE STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: STATEN ISLAND, NY 10314
Mailing Contact: Not reported
Mailing Telephone: (718) 494-6669
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 301 NEVINS STREET
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 06/12/1998
Expiration Date: 08/23/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 2200
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

SOUTH BROOKLYN REALTY LLC (Continued) **U003128182**

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

B16 **EDR US Hist Auto Stat** **1015402177**
NNE **301 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.020 mi.
107 ft. **Site 2 of 12 in cluster B**

Relative: **Higher**

Actual: **10 ft.**

EDR Historical Auto Stations:

Name:	NICKS AUTO REPAIRS INCORPORATED
Year:	1999
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIRS INCORPORATED
Year:	2000
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIR
Year:	2001
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIR
Year:	2002
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIR
Year:	2003
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIRS INC
Year:	2005
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIRS
Year:	2006
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIRS
Year:	2007
Address:	301 NEVINS ST
Name:	NICKS AUTO REPAIRS
Year:	2008
Address:	301 NEVINS ST
Name:	UNITED AUTO REPAIR INC
Year:	2010
Address:	301 NEVINS ST
Name:	UNITED AUTO REPAIR INC
Year:	2011
Address:	301 NEVINS ST
Name:	UNITED AUTO REPAIR INC
Year:	2012
Address:	301 NEVINS ST

A17 **REGULATOR# RH-22** **NY Spills** **S102144927**
WSW **NEVIN & PRESIDENT ST.** **N/A**
< 1/8 **KINGS (County), NY**
0.031 mi.
164 ft. **Site 15 of 15 in cluster A**

Relative: **Lower**

Actual: **7 ft.**

SPILLS:

Facility ID:	8709889
Facility Type:	ER
DER Facility ID:	238985
Site ID:	295335
DEC Region:	2
Spill Date:	2/23/1988
Spill Number/Closed Date:	8709889 / 2/23/1988
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	CANZIANI
Referred To:	Not reported
Reported to Dept:	2/23/1988
CID:	Not reported
Water Affected:	GOWANUS CANNAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	2/23/1988
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/24/1988
Spill Record Last Update:	2/24/1988
Spiller Name:	Not reported
Spiller Company:	REGULATOR RH-22
Spiller Address:	NEVIN & PRESIDENT ST.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	BLOCKAGE IN DIVERSION CHAMBER OPERATING SERVICE PERSONNEL ARE WORKING CLEAR BLOCKAGE . ESTIMATED ENDING TIME - 3/1/88- 12MIDNITE

Material:

Site ID:	295335
Operable Unit ID:	914817
Operable Unit:	01
Material ID:	461682
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B18 **EDR US Hist Auto Stat** **1015395740**
NNE **295 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.035 mi.
186 ft. **Site 3 of 12 in cluster B**

Relative: **Higher**

Actual: **10 ft.**

EDR Historical Auto Stations:

Name: NEW YORK AUTO
Year: 2006
Address: 295 NEVINS ST

Name: NEW YORK AUTO
Year: 2008
Address: 295 NEVINS ST

Name: NEW YORK AUTO
Year: 2009
Address: 295 NEVINS ST

B19 **EDR US Hist Auto Stat** **1015394755**
NNE **293 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.040 mi.
209 ft. **Site 4 of 12 in cluster B**

Relative: **Higher**

Actual: **10 ft.**

EDR Historical Auto Stations:

Name: NEW YORK AUTO
Year: 1999
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2000
Address: 293 NEVINS ST

Name: NEW YORK AUTO INC
Year: 2002
Address: 293 NEVINS ST

Name: NEW YORK AUTO INC
Year: 2003
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2004
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2005
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2007
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2010
Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2011

(Continued) **1015394755**

Address: 293 NEVINS ST

Name: NEW YORK AUTO
Year: 2012
Address: 293 NEVINS ST

B20 **NYSDOT UNION ST BRIDGE** **RCRA NonGen / NLR** **1000555037**
NNW **UNION ST BRG - GOWANUS CANAL** **NYD986975324**
< 1/8 **BROOKLYN, NY 11201**
0.049 mi.
258 ft. **Site 5 of 12 in cluster B**

Relative: **Lower**

Actual: **5 ft.**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT UNION ST BRIDGE
Facility address: UNION ST BRG - GOWANUS CANAL
BROOKLYN, NY 11201
EPA ID: NYD986975324
Mailing address: RECTOR ST
NEW YORK, NY 10006
Contact: MUHAMMAD AFZAL
Contact address: RECTOR ST
NEW YORK, NY 10006
Contact country: US
Contact telephone: (212) 414-7172
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYSDOT
Owner/operator address: 2 RECTOR ST
NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 2 RECTOR ST
NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

NYSDOT UNION ST BRIDGE (Continued) **1000555037**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYSDOT UNION ST BRIDGE
Classification: Not a generator, verified

Date form received by agency: 11/01/1991
Facility name: NYSDOT UNION ST BRIDGE
Classification: Not a generator, verified

Violation Status: No violations found

B21 **SANDY FOLLOW UP** **NY Spills** **S112229734**
NNE **287 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.053 mi.
282 ft. **Site 6 of 12 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:
Facility ID: 1209647
Facility Type: ER
DER Facility ID: 426974
Site ID: 472713
DEC Region: 2
Spill Date: 11/7/2012
Spill Number/Closed Date: 1209647 / 4/25/2013
Spill Cause: Storm
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 11/7/2012
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/7/2012
Spill Record Last Update: 4/25/2013
Spiller Name: Not reported
Spiller Company: HURRICANE SANDY
Spiller Address: Not reported

SANDY FOLLOW UP (Continued) **S112229734**

Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: MATT BAUDER
Contact Phone: (734) 355-8455
DEC Memo: 04/25/13 Stopped by the site today. This site was inspected few months ago right after Sandy hit the area.No evidence of petroleum contamination observed.Case closed.(sr)
Remarks: Caller advised oil from neighbors tank spilled into house.

Material:
Site ID: 472713
Operable Unit ID: 1222570
Operable Unit: 01
Material ID: 2221302
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C22 **RESTURANT/RESIDENCE** **NY Spills** **S107416639**
SSE **451 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.055 mi.
288 ft. **Site 1 of 4 in cluster C**

Relative: **Higher**

Actual: **12 ft.**

SPILLS:
Facility ID: 0509324
Facility Type: ER
DER Facility ID: 305096
Site ID: 355089
DEC Region: 2
Spill Date: 11/3/2005
Spill Number/Closed Date: 0509324 / 6/21/2006
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 11/3/2005
CID: 409
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

RESTURANT/RESIDENCE (Continued) **S107416639**

Date Entered In Computer: 11/3/2005
Spill Record Last Update: 6/23/2006
Spiller Name: JOE
Spiller Company: RESTURANT/RESIDENCE
Spiller Address: 451 CARROLL ST
Spiller City,St,Zip: BROOKLYN, NY 11215
Spiller Company: 001
Contact Name: JOE
Contact Phone: (718) 745-3576
DEC Memo: Delivery today to Monties Resturant in Brooklyn.Bottom of the tank has a pinhole leakPTC ((718) 624-4842; Anthony P. Lara) has been called and is at the site now pumping out the tank.11/7/2005 Sangesland confirmed that PTC completed a surface cleanup of the site. PTC submitted a proposal to replace the tank. Unknown what the condition under the slab floor is. Hold open until the full basement area is checked or until subsurface has been checked.12/8/05 - Raphael Ketani. I spoke to Anthony P. Lara of PTC. He said that PTC cleaned up the spilled oil and pumped out the two leaking 275 gal. tanks under the stairs. He gave an estimate to Frank Perone, the owner ((718)745-3576/(917) 805-6048), regarding what it would cost to remove the 2 tanks, replace them with one new 275 gal. tank, and do the below floor investigation. Mr. Perone told him he would get someone else. When I talked to Mr. Perone, he said that his brother had contacted Ferrantino Fuel ((718) 832-6700) for the below floor investigation. He said he would call me back regarding the extent of the oil spill investigation. I will send a "contaminated soil" letter to Mr. Perone at 1427 Bay Ridge Parkway, Brklyn., 11228-2212.12/9/05 - Raphael Ketani. I called Ferrantino Fuel and spoke to one of the supervisors there. He said Ferrantino didn't do a below floor investigation and he had no information if one was ever planned. Mr. Joseph Orechio (one of the owners; (718) 745-3576) called me to say that PTC had cleaned up the spilled oil in the tank vault under the street. He said the vault walls are cobble stone with a cement floor. He said only about 2 gals. was spilled. Mr. Orechio said that he switched his oil company to Blue Diamond. I told him that a soil investigation still needs to be done. He said he would get someone to do it.Anthony Lara of PTC called me back. He said that Mr. Orechio told him to do the soil investigation. Mr. Lara said that he will do 5 borings. One at each corner and one in the middle. He will take end point samples and send me the analyticals. Mr. Lara doesn't know whether there are any cracks in the vault floor, but he said about 20 gals. had leaked from the tanks.12/9/05 Ketani sent a "do work letter"12/20/05 - Raphael Ketani. Anthony of PTC called me to say that Mr. Orechio declined his services for the soil investigation. I called up Mr. Orechio, but could only leave a voice mail message.12/22/05 - Raphael Ketani. Mr. Issac Mungra of A. L. Eastmond & Son (718)378-7000 called to say that his company may be doing the soil investigation at the site. He will let me know if he gets the job, but first he has to inspect the tank vault. 12/28/05 - Raphael Ketani. I spoke to Mr. Mungra in person at another site. He told me that he plans to do one soil boring at each end of the tank and take soil samples at the bottom of the sump on the other side of the wall. I told him this would be sufficient for now.6/21/06 - Raphael Ketani. Today I received a FAX from Isaac of Eastmond with a floor plan for the 3 borings that were taken, the analytical results for the soil samples, and a detailed description of what type of work was performed. The analytical results showed no contamination was present

RESTURANT/RESIDENCE (Continued) **S107416639**

in the soil and the concrete floor was described as "solid with no indications of cracks or crevices." Isaac also called me to say that the 2 tanks were replaced with new ones. Based upon the above documentation, I am closing the spill case.
Remarks: clean up is in process.

Material:
Site ID: 355089
Operable Unit ID: 1112458
Operable Unit: 01
Material ID: 2102504
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

D23 **TM 105** **NY Spills** **S104651796**
SSW **NEVINS ST & CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.055 mi.
292 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
10 ft.

SPILLS:
Facility ID: 0000528
Facility Type: ER
DER Facility ID: 128108
Site ID: 150690
DEC Region: 2
Spill Date: 4/13/2000
Spill Number/Closed Date: 0000528 / 1/16/2002
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 4/13/2000
CID: 322
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/13/2000
Spill Record Last Update: 9/29/2004
Spiller Name: Not reported

TM 105 (Continued) **S104651796**

Spiller Company: UNK
Spiller Address: UNKNOWN
Spiller City,St,Zip: UNKNOWN, ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis #130882 Notes:4-13-00 1420hrs1gal unknown oil on 1000gal water in transofrmer manhole 105. Will notify Networks to pressure test transformer. Historical records indicate 13ppm PCB. Manufactured 5/1/1953. Installed 1/1/1990. Print for structure indicates no sump and no sewer connections.1515hrsNetworks to inspect transformer.1015hrsLSN 00-03611 <1ppm PCB4-19-00 1200hrsCleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.
Remarks: 1 gal unk oil - on 1000 gal of water - samples taken and clean uppending results con ed #130882

Material:
Site ID: 150690
Operable Unit ID: 822241
Operable Unit: 01
Material ID: 288772
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

D24 **CON EDISON** **NY MANIFEST** **S113918269**
SSW **OPP 408 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.056 mi.
294 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
10 ft.

NY MANIFEST:
EPA ID: NYP004342978
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported

CON EDISON (Continued) **S113918269**

Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07-Aug-2013 00:00:00
Trans1 Recv Date: 07-Aug-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09-Aug-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004342978
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002219243GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07-Aug-2013 00:00:00
Trans1 Recv Date: 07-Aug-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09-Aug-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004342978
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013

CON EDISON (Continued) **S113918269**

Manifest Tracking Num:	002219243GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-08-07
Trans1 Recv Date:	2013-08-07
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-08-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004342978
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002219243GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

B25 **EDR US Hist Auto Stat** **1015552848**
NE **558 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.056 mi.
294 ft. **Site 7 of 12 in cluster B**

Relative:
Higher

Actual:
10 ft.

EDR Historical Auto Stations:

Name:	A & A BRAKE SVCE COMPANY INCORPORATED
Year:	1999
Address:	558 SACKETT ST
Name:	A & A BRAKE SVCE COMPANY INCORPORATED
Year:	2000
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO
Year:	2001
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO
Year:	2002
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO
Year:	2003
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO
Year:	2004
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO INC
Year:	2007
Address:	558 SACKETT ST
Name:	A & A BRAKE SERVICE CO INC
Year:	2008
Address:	558 SACKETT ST
Name:	A & A BRAKE SVC CO INC
Year:	2010
Address:	558 SACKETT ST

E26 **A & A BRAKE CO INC** **NY UST** **U003740198**
NE **560 SACKETT STREET** **NY HIST UST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.056 mi.
295 ft. **Site 1 of 7 in cluster E**

Relative:
Higher

Actual:
11 ft.

UST:

Id/Status:	2-604492 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2015-05-04
UTM X:	585682.25581
UTM Y:	4503652.4908299996
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

A & A BRAKE CO INC (Continued) **U003740198**

Site Id: 26364
Affiliation Type: Facility Owner
Company Name: GERALD P. ABATEMARCO
Contact Type: PRESIDENT
Contact Name: GERALD P. ABATEMARCO
Address1: 560 SACKETT ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Site Id: 26364
Affiliation Type: Mail Contact
Company Name: A&A BRAKE SERVICE
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: 224 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/20/2005

Site Id: 26364
Affiliation Type: On-Site Operator
Company Name: A & A BRAKE CO INC
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Site Id: 26364
Affiliation Type: Emergency Contact
Company Name: GERALD P. ABATEMARCO
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported

A & A BRAKE CO INC (Continued) **U003740198**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Tank Info:

Tank Number: 001
Tank ID: 57989
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 275
Install Date: 01/01/1988
Date Tank Closed: 04/15/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: C
Modified By: NRLOMBAR
Last Modified: 02/19/2010

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
I00 - Overfill - None

HIST UST:
PBS Number: 2-604492
SPDES Number: Not reported
Emergency Contact: GERALD P. ABATOMARCO
Emergency Telephone: (718) 624-4488
Operator: GERALD P. ABATOMARCO
Operator Telephone: (718) 624-4488
Owner Name: GERALD P. ABATOMARCO
Owner Address: 560 SACKETT ST.

A & A BRAKE CO INC (Continued) **U003740198**

Owner City,St,Zip: BROOKLYN, NY 11217
Owner Telephone: (718) 624-4488
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: GERALD P. ABATOMARCO
Mailing Address: 560 SACKETT ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11217
Mailing Contact: GERALD P. ABATOMARCO
Mailing Telephone: (718) 624-4488
Owner Mark: First Owner
Facility Status: 4 - Subpart 360-14 only (active)
Facility Addr2: Not reported
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 05/26/2000
Expiration Date: 05/04/2005
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 275
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 275
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Aboveground
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: None
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing

A & A BRAKE CO INC (Continued) **U003740198**

Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

E27 **A & A BRAKE CO INC** **NY AST** **A100349510**
NE **560 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.056 mi.
295 ft. **Site 2 of 7 in cluster E**

Relative:
Higher

Actual:
11 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604492
Program Type: PBS
UTM X: 585682.25581
UTM Y: 4503652.4908299996
Expiration Date: 2015-05-04
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:
Site Id: 26364
Affiliation Type: Facility Owner
Company Name: GERALD P. ABATEMARCO
Contact Type: PRESIDENT
Contact Name: GERALD P. ABATEMARCO
Address1: 560 SACKETT ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Site Id: 26364
Affiliation Type: Mail Contact
Company Name: A&A BRAKE SERVICE
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: 224 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/20/2005

A & A BRAKE CO INC (Continued) **A100349510**

Site Id: 26364
Affiliation Type: On-Site Operator
Company Name: A & A BRAKE CO INC
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Site Id: 26364
Affiliation Type: Emergency Contact
Company Name: GERALD P. ABATEMARCO
Contact Type: Not reported
Contact Name: GERALD P. ABATEMARCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4488
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/31/2009

Tank Info:

Tank Number: 002
Tank Id: 233064
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
D00 - Pipe Type - No Piping
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
E02 - Piping Secondary Containment - Vault (with Access)
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 2

A & A BRAKE CO INC (Continued) **A100349510**

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/17/2009
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 02/19/2010
Material Name: Waste Oil/Used Oil

E28 **EDR US Hist Auto Stat** **1015557781**
ENE **572 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.057 mi.
299 ft. **Site 3 of 7 in cluster E**

Relative:
Higher

Actual:
13 ft.

EDR Historical Auto Stations:

Name: AUTO MAGIC AUTOMOTIVE UNLMTD INC
Year: 2004
Address: 572 SACKETT ST

Name: AUTO MAGIC AUTOMOTIVE UNLIMITED INC
Year: 2005
Address: 572 SACKETT ST

Name: AUTO MAGIC AUTO UNLIMITED INC
Year: 2008
Address: 572 SACKETT ST

Name: CHASE COLLISION & TOWING INC
Year: 2009
Address: 572 SACKETT ST

Name: CHASE COLLISION & TOWING INC
Year: 2010
Address: 572 SACKETT ST

Name: CHASE COLLISION & TOWING INC
Year: 2011
Address: 572 SACKETT ST

Name: CHASE COLLISION & TOWING INC
Year: 2012
Address: 572 SACKETT ST

C29
SSE
< 1/8
0.057 mi.
299 ft.

Relative:
Higher

Actual:
14 ft.

LINDA TOOL & DIE CORP
459 CARROLL ST
BROOKLYN, NY

Site 2 of 4 in cluster C

RCRA-CESQG **1000791081**
FINDS **NYD987025822**
NY MANIFEST

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: LINDA TOOL & DIE CORP
Facility address: 459 CARROLL ST
BROOKLYN, NY 11215
EPA ID: NYD987025822
Mailing address: CARROLL ST
BROOKLYN, NY 11215
Contact: MIKE DIMARINO
Contact address: CARROLL ST
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 522-2066
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: MIKE DIMARINO
Owner/operator address: 459 CARROLL ST
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 522-2066
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MIKE DIMARINO
Owner/operator address: 459 CARROLL ST
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 522-2066
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

LINDA TOOL & DIE CORP (Continued) **1000791081**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: LINDA TOOL & DIE CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/14/1993
Facility name: LINDA TOOL & DIE CORP
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004499766

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

NY MANIFEST:
EPA ID: NYD987025822
Country: USA
Mailing Name: LINDA TOOL & DIE
Mailing Contact: MICHAEL MARINO
Mailing Address: 459 CARROLL ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11215
Mailing Zip4: 1010
Mailing Country: USA
Mailing Phone: 718-522-2066

LINDA TOOL & DIE CORP (Continued) **1000791081**

Document ID:	NJA2046089
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	Not reported
Generator Ship Date:	950125
Trans1 Recv Date:	950125
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950126
Part A Recv Date:	950202
Part B Recv Date:	950209
Generator EPA ID:	NYD987025822
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00440
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA1929567
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPE086
Trans2 State ID:	08690
Generator Ship Date:	941117
Trans1 Recv Date:	941117
Trans2 Recv Date:	941121
TSD Site Recv Date:	941121
Part A Recv Date:	941125
Part B Recv Date:	941202
Generator EPA ID:	NYD987025822
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	ILD984908202
TSDF ID:	NJD002182897
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00889
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NJA2085369
Manifest Status:	Completed copy

LINDA TOOL & DIE CORP (Continued) **1000791081**

Trans1 State ID:	08690
Trans2 State ID:	NJDEPE006
Generator Ship Date:	951020
Trans1 Recv Date:	951020
Trans2 Recv Date:	951026
TSD Site Recv Date:	951026
Part A Recv Date:	951030
Part B Recv Date:	951107
Generator EPA ID:	NYD987025822
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	NYD980769947
TSDF ID:	NJD002182897
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	01332
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2085408
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	950927
Trans1 Recv Date:	950927
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950929
Part A Recv Date:	951010
Part B Recv Date:	951020
Generator EPA ID:	NYD987025822
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00888
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

Document ID:	NJA2113573
Manifest Status:	Completed copy
Trans1 State ID:	NJDEP0869
Trans2 State ID:	Not reported
Generator Ship Date:	950412
Trans1 Recv Date:	950412
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950417
Part A Recv Date:	950420
Part B Recv Date:	950426
Generator EPA ID:	NYD987025822

LINDA TOOL & DIE CORP (Continued) **1000791081**

Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 01326
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NJA2046161
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: 08690
Generator Ship Date: 950302
Trans1 Recv Date: 950302
Trans2 Recv Date: 950306
TSD Site Recv Date: 950307
Part A Recv Date: 950309
Part B Recv Date: 950320
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 01332
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NJA2247729
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 951122
Trans1 Recv Date: 951122
Trans2 Recv Date: Not reported
TSD Site Recv Date: 951129
Part A Recv Date: 951211
Part B Recv Date: 951218
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 01332
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

LINDA TOOL & DIE CORP (Continued) **1000791081**

Specific Gravity: 100
Year: 95

Document ID: NJA2221696
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960329
Trans1 Recv Date: 960329
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960403
Part A Recv Date: 960410
Part B Recv Date: 960417
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00888
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2552157
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: 000602
Generator Ship Date: 960718
Trans1 Recv Date: 960718
Trans2 Recv Date: 960723
TSD Site Recv Date: 960723
Part A Recv Date: 960801
Part B Recv Date: 960809
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: NYD980769947
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2542361
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960321

LINDA TOOL & DIE CORP (Continued) **1000791081**

Trans1 Recv Date: 960321
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960327
Part A Recv Date: 960401
Part B Recv Date: 960410
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2542255
Manifest Status: Completed copy
Trans1 State ID: 008690
Trans2 State ID: Not reported
Generator Ship Date: 960702
Trans1 Recv Date: 960702
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960711
Part A Recv Date: 960723
Part B Recv Date: 960725
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00114
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2234158
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 960131
Trans1 Recv Date: 960131
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960205
Part A Recv Date: 960209
Part B Recv Date: 960216
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897

LINDA TOOL & DIE CORP (Continued) **1000791081**

Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00888
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2640808
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: S10342
Generator Ship Date: 960830
Trans1 Recv Date: 960830
Trans2 Recv Date: 960906
TSD Site Recv Date: 960909
Part A Recv Date: 960909
Part B Recv Date: 961001
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: NJD000813477
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00445
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NJA2694000
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 961023
Trans1 Recv Date: 961023
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961025
Part A Recv Date: Not reported
Part B Recv Date: 961119
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

LINDA TOOL & DIE CORP (Continued) **1000791081**

Document ID: NJA2663011
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970205
Trans1 Recv Date: 970205
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970207
Part A Recv Date: 970220
Part B Recv Date: 970224
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00445
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2663149
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970630
Trans1 Recv Date: 970630
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970709
Part A Recv Date: 970710
Part B Recv Date: 970804
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2663164
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970828
Trans1 Recv Date: 970828
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970908
Part A Recv Date: 970911

LINDA TOOL & DIE CORP (Continued) **1000791081**

Part B Recv Date: 970925
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2710656
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970411
Trans1 Recv Date: 970411
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970417
Part A Recv Date: 970423
Part B Recv Date: 970501
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00436
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2663093
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 970325
Trans1 Recv Date: 970325
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970402
Part A Recv Date: 970404
Part B Recv Date: 970501
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001

LINDA TOOL & DIE CORP (Continued) **1000791081**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NJA2662943
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: 08690
Generator Ship Date: 970108
Trans1 Recv Date: 970108
Trans2 Recv Date: 970114
TSD Site Recv Date: 970114
Part A Recv Date: 970127
Part B Recv Date: 970131
Generator EPA ID: NYD987025822
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00444
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

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

E30
NE
< 1/8
0.058 mi.
305 ft.

Relative:
Higher

Actual:
11 ft.

AUTO BODY CONCEPTS **RCRA NonGen / NLR** **1000555866**
549 SACKETT ST **FINDS** **NYD986984136**
BROOKLYN, NY **NY MANIFEST**

Site 4 of 7 in cluster E

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: AUTO BODY CONCEPTS DBA ABC COLLISION
Facility address: 549 SACKETT ST
BROOKLYN, NY 11217
EPA ID: NYD986984136
Mailing address: SACKETT ST
BROOKLYN, NY 11217
Contact: Not reported
Contact address: SACKETT ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

AUTO BODY CONCEPTS (Continued) **1000555866**

Owner/operator name: ANTHONY DIMONDA
Owner/operator address: UNKNOWN
UNKNOWN, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANTHONY DIMONDA
Owner/operator address: UNKNOWN
UNKNOWN, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AUTO BODY CONCEPTS DBA ABC COLLISION
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Facility name: AUTO BODY CONCEPTS DBA ABC COLLISION
Classification: Small Quantity Generator

Date form received by agency: 10/22/1991
Facility name: AUTO BODY CONCEPTS DBA ABC COLLISION
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004481490

Environmental Interest/Information System

AUTO BODY CONCEPTS (Continued) **1000555866**

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

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

NY MANIFEST:

EPA ID:	NYD986984136
Country:	USA
Mailing Name:	A B C COLLISION
Mailing Contact:	EDDIE ANDRADES
Mailing Address:	549 SACKETT STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11217
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-522-3111

Document ID:	NYC1969661
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	921123
Trans1 Recv Date:	921123
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921123
Part A Recv Date:	921202
Part B Recv Date:	921204
Generator EPA ID:	NYD986984136
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00219
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1971628
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	921218
Trans1 Recv Date:	921218

AUTO BODY CONCEPTS (Continued) **1000555866**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921218
Part A Recv Date:	921229
Part B Recv Date:	921231
Generator EPA ID:	NYD986984136
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1605328
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MT9307
Trans2 State ID:	Not reported
Generator Ship Date:	920424
Trans1 Recv Date:	920424
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920430
Part A Recv Date:	Not reported
Part B Recv Date:	920601
Generator EPA ID:	NYD986984136
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1660937
Manifest Status:	Completed copy
Trans1 State ID:	GF3013
Trans2 State ID:	Not reported
Generator Ship Date:	920526
Trans1 Recv Date:	920526
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920526
Part A Recv Date:	Not reported
Part B Recv Date:	920615
Generator EPA ID:	NYD986984136
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F005 - UNKNOWN

AUTO BODY CONCEPTS (Continued) **1000555866**

Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC1704532
Manifest Status: Completed copy
Trans1 State ID: CF3013
Trans2 State ID: Not reported
Generator Ship Date: 920622
Trans1 Recv Date: 920622
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920622
Part A Recv Date: 920701
Part B Recv Date: 920630
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00219
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC1990596
Manifest Status: Completed copy
Trans1 State ID: CF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 920928
Trans1 Recv Date: 920928
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920928
Part A Recv Date: 921008
Part B Recv Date: 921007
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

AUTO BODY CONCEPTS (Continued) **1000555866**

Document ID: NYC1767148
Manifest Status: Completed copy
Trans1 State ID: DF3013NY
Trans2 State ID: Not reported
Generator Ship Date: 920720
Trans1 Recv Date: 920720
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920720
Part A Recv Date: 920730
Part B Recv Date: 920729
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC1818044
Manifest Status: Completed copy
Trans1 State ID: GF3013NY
Trans2 State ID: Not reported
Generator Ship Date: 930525
Trans1 Recv Date: 930525
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930525
Part A Recv Date: 930607
Part B Recv Date: 930604
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00219
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC1836257
Manifest Status: Completed copy
Trans1 State ID: GF3073NY
Trans2 State ID: Not reported
Generator Ship Date: 920826
Trans1 Recv Date: 920826
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920826
Part A Recv Date: Not reported

AUTO BODY CONCEPTS (Continued) **1000555866**

Part B Recv Date: 920904
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00219
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC1887963
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 921026
Trans1 Recv Date: 921026
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921026
Part A Recv Date: 921105
Part B Recv Date: 921106
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC2238478
Manifest Status: Completed copy
Trans1 State ID: HW8207NY
Trans2 State ID: Not reported
Generator Ship Date: 930416
Trans1 Recv Date: 930416
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930416
Part A Recv Date: 930422
Part B Recv Date: 930427
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AUTO BODY CONCEPTS (Continued) **1000555866**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2085603
Manifest Status: Completed copy
Trans1 State ID: HW8207NY
Trans2 State ID: Not reported
Generator Ship Date: 930114
Trans1 Recv Date: 930114
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930114
Part A Recv Date: 930126
Part B Recv Date: 930127
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2130197
Manifest Status: Completed copy
Trans1 State ID: HW8207NY
Trans2 State ID: Not reported
Generator Ship Date: 930211
Trans1 Recv Date: 930211
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930211
Part A Recv Date: 930219
Part B Recv Date: 930225
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2153417
Manifest Status: Completed copy
Trans1 State ID: HW8207NY

AUTO BODY CONCEPTS (Continued) **1000555866**

Trans2 State ID: Not reported
Generator Ship Date: 930312
Trans1 Recv Date: 930312
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930312
Part A Recv Date: 930324
Part B Recv Date: 930324
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00219
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2681111
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 931115
Trans1 Recv Date: 931115
Trans2 Recv Date: Not reported
TSD Site Recv Date: 931115
Part A Recv Date: 931202
Part B Recv Date: 931129
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2404967
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 930702
Trans1 Recv Date: 930702
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930702
Part A Recv Date: 930715
Part B Recv Date: 930714
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202

AUTO BODY CONCEPTS (Continued) **1000555866**

Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2508287
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 930825
Trans1 Recv Date: 930825
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930825
Part A Recv Date: 931008
Part B Recv Date: 930923
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2024649
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 930729
Trans1 Recv Date: 930729
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930729
Part A Recv Date: 930812
Part B Recv Date: 930809
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

AUTO BODY CONCEPTS (Continued) **1000555866**

Year: 93

Document ID: NYC2637246
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 931019
Trans1 Recv Date: 931019
Trans2 Recv Date: Not reported
TSD Site Recv Date: 931019
Part A Recv Date: 931108
Part B Recv Date: 931029
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2559284
Manifest Status: Completed copy
Trans1 State ID: DF2859NY
Trans2 State ID: Not reported
Generator Ship Date: 930921
Trans1 Recv Date: 930921
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930921
Part A Recv Date: 931103
Part B Recv Date: 931005
Generator EPA ID: NYD986984136
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F005 - UNKNOWN
Quantity: 00123
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

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

F31 **RIDGE COMPLETE AUTO** **NY AST** **A100348969**
ESE **264 THIRD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.058 mi.
308 ft. **Site 1 of 16 in cluster F**

Relative:
Higher

Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611243
Program Type: PBS
UTM X: 585712.79813999997
UTM Y: 4503506.4573900001
Expiration Date: 2015-02-04
Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:
Site Id: 424625
Affiliation Type: Facility Owner
Company Name: RIDGE COMPLETE AUTO
Contact Type: Not reported
Contact Name: Not reported
Address1: 264 THIRD AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 832-1413
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/4/2010

Site Id: 424625
Affiliation Type: On-Site Operator
Company Name: RIDGE COMPLETE AUTO
Contact Type: Not reported
Contact Name: MARC MANNINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 832-1413
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/4/2010

Site Id: 424625
Affiliation Type: Emergency Contact
Company Name: RIDGE COMPLETE AUTO
Contact Type: Not reported
Contact Name: MARC MANNINO
Address1: Not reported
Address2: Not reported
City: Not reported

RIDGE COMPLETE AUTO (Continued) **A100348969**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 723-3563
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/4/2010

Site Id: 424625
Affiliation Type: Mail Contact
Company Name: RIDGE COMPLETE AUTO INC.
Contact Type: Not reported
Contact Name: MARC MANNINO
Address1: 264 THIRD AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 832-1413
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/5/2010

Tank Info:

Tank Number: 001
Tank Id: 232808
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
G11 - Tank Secondary Containment - Double-bottom (Aboveground)
J00 - Dispenser - None
B00 - Tank External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
I00 - Overfill - None
L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/02/1999
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

RIDGE COMPLETE AUTO (Continued) **A100348969**

Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 02/04/2010
Material Name: Waste Oil/Used Oil

F32 **EDR US Hist Auto Stat** **1015375008**
ESE **264 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.058 mi.
308 ft. **Site 2 of 16 in cluster F**

Relative:
Higher

Actual:
19 ft.

EDR Historical Auto Stations:

Name: DAN & NEAL AUTO REPAIRS
Year: 1999
Address: 264 3RD AVE

Name: DAN & NEAL AUTO REPAIRS
Year: 2000
Address: 264 3RD AVE

Name: RIDGE COMPLETE AUTO INC
Year: 2008
Address: 264 3RD AVE

Name: RIDGE COMPLETE AUTO INC
Year: 2009
Address: 264 3RD AVE

Name: RIDGE COMPLETE AUTO INC
Year: 2010
Address: 264 3RD AVE

Name: RIDGE COMPLETE AUTO INC
Year: 2011
Address: 264 3RD AVE

Name: RIDGE COMPLETE AUTOMOBILE INCORPORAT
Year: 2012
Address: 264 3RD AVE

B33 **537 SACKETT STREET** **NY Spills** **S110772054**
NNE **537 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.059 mi.
310 ft. **Site 8 of 12 in cluster B**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Facility ID: 9310522
Facility Type: ER
DER Facility ID: 262669
Site ID: 326065
DEC Region: 2
Spill Date: 11/30/1993
Spill Number/Closed Date: 9310522 / 11/30/1993
Spill Cause: Human Error

537 SACKETT STREET (Continued) **S110772054**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	11/30/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	11/30/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/1/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	OVER ORDERED - SPILL CONTAINED ON SIDE WALK - SPILL TEAM ENROUTE.

Material:

Site ID:	326065
Operable Unit ID:	992239
Operable Unit:	01
Material ID:	393128
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B34 **EDR US Hist Auto Stat** **1015544905**
NNE **537 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.059 mi.
310 ft. **Site 9 of 12 in cluster B**

Relative: Higher

Actual: 9 ft.

EDR Historical Auto Stations:

Name:	RIDGE AUTOMATIC TRANSMISSION CENTER
Year:	1999
Address:	537 SACKETT ST

B35 **ADAMS BOOK CO. INC.** **NY HIST UST** **U003764876**
NNE **537 SACKETT ST.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.059 mi.
310 ft. **Site 10 of 12 in cluster B**

Relative: Higher

Actual: 9 ft.

HIST UST:

PBS Number:	2-605467
SPDES Number:	Not reported
Emergency Contact:	JIM MATTHEWS
Emergency Telephone:	(718) 859-1391
Operator:	ADAMS BOOK CO.INC
Operator Telephone:	(800) 221-0909
Owner Name:	ATS REALTY
Owner Address:	283 NEVINS ST.
Owner City,St,Zip:	BROOKLYN, NY 11217
Owner Telephone:	(718) 875-5464
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ADAMS BOOK CO. INC
Mailing Address:	537 SACKETT ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11210
Mailing Contact:	JIM MATTHEWS
Mailing Telephone:	(718) 875-5464
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	537 SACKETT ST.
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	04/02/2001
Expiration Date:	03/23/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	7000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

ADAMS BOOK CO. INC. (Continued) **U003764876**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	Suction
Date Tested:	04/27/2001
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	05/01/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

D36 **430 CARROLL ST BET. 3 AVE** **NY Spills** **S102146587**
SW **430 CARROLL ST BET. 3 AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.059 mi.
312 ft. **Site 3 of 6 in cluster D**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Facility ID:	9303103
Facility Type:	ER
DER Facility ID:	122629
Site ID:	143824
DEC Region:	2
Spill Date:	6/8/1993
Spill Number/Closed Date:	9303103 / 12/23/2002
Spill Cause:	Housekeeping
Spill Class:	No spill occured. No DEC Response. No corrective action required.
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	6/8/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/9/1993
Spill Record Last Update:	9/29/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported

430 CARROLL ST BET. 3 AVE (Continued) **S102146587**

Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"6/14/93 @0913HRS, MILLER INVESTIGATES SPILL REPORT AT KC FUEL OIL COMPANY: NO EVIDENCE OF SPILL/RELEASE. MEET CALLER, NEIGHBOR, AND NOTE LACK OF EVIDENCE/FINDINGS: CALLER IS DISMAYED BUT STILL WANTS ME TO WRITE TICKETS FOR KC OIL TICKET FOR SOMETHING, ANYTHING.
Remarks:	ONGOING MORE THAN 10 CMS- REFUELING TO AN - TANK TRUCKS AT SITE FOR MOTOR OIL FUEL OIL 24 HRS/ 7 DAYS /WEEK.

Material:

Site ID:	143824
Operable Unit ID:	981311
Operable Unit:	01
Material ID:	396697
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D37 **GOWANUS VILLAGE I, LLC - 420 CARROLL STREET** **NY Spills** **S102145301**
SW **420 CARROLL STREET** **NY BROWNFIELDS** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.059 mi.
312 ft. **Site 4 of 6 in cluster D**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Facility ID:	8810095
Facility Type:	ER
DER Facility ID:	82019
Site ID:	90905
DEC Region:	2
Spill Date:	3/30/1989
Spill Number/Closed Date:	8810095 / 3/30/1989
Spill Cause:	Housekeeping
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	3/30/1989
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	3/30/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

GOWANUS VILLAGE I, LLC - 420 CARROLL STREET (Continued) **S102145301**

Date Entered In Computer: 4/4/1989
Spill Record Last Update: 9/21/2005
Spiller Name: Not reported
Spiller Company: BELCHER OIL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"9/21/05 - Austin - Recently found sampling data submitted by NYCDEP, dated 4/18/86. Samples were taken from tank trailers on the site. Document wil be scanned into eDocs database.- end
Remarks: MR. BERNSTEIN AT 420 CARROL ST SAYS THAT OIL IS COMING FROM BELCHER OIL'S PROPERTY, CROSSING BERSTEIN'S PROPERTY & GOING INTO GOWANUS CANAL, REFERRED TO ECO'S FOR INVESTIGATION.

Material:
Site ID: 90905
Operable Unit ID: 926123
Operable Unit: 01
Material ID: 451273
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BROWNFIELDS:
Program: BCP
Site Code: 356610
Site Description: This is a new BCP application and pertains to the Gowanus Village I, LLC-420 Carroll Street located at 420 Carroll Street, Brooklyn, Kings County. This site is approximately .92 acres in size.Current use of this site is commercial and future use of this site will be residential.Suspected contaminants at this site are chlorinated solvents, pesticides, SVOCs and PCBs. These contaminants are impacting the soil and groundwater. This BCP application is currently under review and the Department of Environmental Conservation will determine the application's approval and eligibility in conjunction with the Department of Health. 8/30/06: the BCP Application was denied.
Env Problem: Information submitted with the BCP application and additional information submitted regarding the environmental conditions at the site were reviewed. It was determined that due to lack of known contamination and the unlikely potential for contamination would not complicate the redevelopment of the site, the application was denied.
Health Problem: Not reported

D38 **430 CARROLL STREET** **NY Spills** **S106704100**
SW **430 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.059 mi.
312 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
9 ft.

SPILLS:
Facility ID: 9500845
Facility Type: ER
DER Facility ID: 172573
Site ID: 207972
DEC Region: 2
Spill Date: 4/12/1995
Spill Number/Closed Date: 9500845 / 2/28/2003
Spill Cause: Housekeeping
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 4/20/1995
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/12/1995
Spill Record Last Update: 9/29/2004
Spiller Name: Not reported
Spiller Company: KC FUEL
Spiller Address: SAME
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: ONGOING PROBLEM - FUEL CO. KEEPS TRUCK PARKED IN FRONT OF BLDG RUNNING IDLE. OTHER CO TRUCKS FUEL UP FROM THIS TRUCK/TRAILER. DIESEL SPILLS TO ST. DOS SANDS IT. CONTINOUS SMELL OF DIESEL IS MAIN PRBLM

Material:
Site ID: 207972
Operable Unit ID: 1011746
Operable Unit: 01
Material ID: 564221
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

430 CARROLL STREET (Continued) **S106704100**

Tank Test:

Facility ID:	9416611
Facility Type:	ER
DER Facility ID:	172573
Site ID:	207971
DEC Region:	2
Spill Date:	3/23/1995
Spill Number/Closed Date:	9416611 / 4/13/1995
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	3/23/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	4/13/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/20/1995
Spill Record Last Update:	9/29/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	NOTIFIER STATES CASEY FUEL LEAKING COMING FROM TRUCKS, EVERY TIME THEY FILL. HE STATES WORKER GOES OUT AND THROWS SPEEDY DRY DOWN ONCE IN A WHILE. STATES CARS USUALLY DRIVE THRU SPILL AND ALRE SLIDI

Material:

Site ID:	207971
Operable Unit ID:	1010342
Operable Unit:	01
Material ID:	371758
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

430 CARROLL STREET (Continued) **S106704100**

Tank Test:

Facility ID:	0411947
Facility Type:	ER
DER Facility ID:	172573
Site ID:	337271
DEC Region:	2
Spill Date:	2/8/2005
Spill Number/Closed Date:	0411947 / 7/2/2008
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	2401
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2/8/2005
CID:	406
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/8/2005
Spill Record Last Update:	8/6/2008
Spiller Name:	Not reported
Spiller Company:	GOWANUS CANAL I,LOC
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	LINDA SHAW
Contact Phone:	(585) 546-8430
DEC Memo:	2/9/05. J.Krimgold spoke to Linda Show. Phase 2 was done in preparation to enter in the State BCP. Robert Edwards is a DEC contact person (518-402-9767).3/30/07 - Austin - Trasferred to Patel for further review - end06/15/07-Hiralkumar Patel. went to site on 06/14/07. its an abandoned building. as per worker from neighbour, site had icecream factory.from property tax record, property owner:Gowanus Village I LLC34 4th AvenueBrooklyn, NY 11217-1927from NYS corporation and business entity database:Gowanus Village I LLCc/o Richard D. Marans, Esq.29 Broadway, Suite # 2400New York, NY 10006from ACRIS database:Gowanus Village I LLC700 Pacific StreetBrooklyn, NY 1121709/04/07-Hiralkumar Patel. spoke with Ms. Shaw, who reported spill. she mentioned that investigation was done as part of BCP program application. but application was rejected. Ms. Shaw will contact owner at Gowanus Village I LLC and someone will call from owner's/management office.Gowanus Village I, LLC ownes three following lots under one project:a. 420 Carroll Street (Block #: 453, lot #: 1). alt. address: 434-440 Carroll STreetb. 430 Carroll Street (Block #: 453, lot #: 21). alt. address: 404-418 & 420-428 Carroll streetc. 153 2nd street (Block #: 967, Lot #: 1). alt. address: 322 3 avefound two BCP cases under name of Gowanus Village I LLC: - C224118 (for 420 Carroll Street site)- C224099 (for 430 Carroll Street and 153 2nd street site)BCP application C224118 was

430 CARROLL STREET (Continued) **S106704100**

rejected on 08/30/06 with following reason:"1. site's known industrial and manufacturing history doesn't indicate that there was a sufficient disposal of contamination that would or may complicate the redevelopment of site;"BCP application C224099 was approved, but was terminated as owner never replied back.found following investigation reports from BCP application file C224118:1. Phase I, dated Feb. 16, 1999 - for 420 Carroll Street2. Phase II, dated Mar. 19, 1999 - for 420 Carroll Street3. Phase I, dated Dec. 31, 2004 - for 420 Carroll Street4. limited Phase II (adjacent properties), dated Mar. 1, 2005 - for 430 Carroll street and 153 2nd street5. subsurface investigation, dated Jun 28, 2005 - 420 & 430 carroll streetleft message for Sara Mirski (718-398-3200) at Boymelgreen developers, who applied for BCP program. **********phase II was done at 420 Carroll street site in 1999. abstract of Phase I and II reports:- three industrial buildings on-site: a two story and a three story industrial building on the front of the property and a single story warehouse behind the front buildings- during phase I, found 9 sealed floor drains in front buildings- review of sanborn maps indicated presence of a gasoline UST in parking lot- one 275 gal aboveground chemical storage tank noticed on the third floor of the front building, two 275 ASTs noticed inside boiler room and one 2000 gal AST noticed on the main floor of building- groundwater flow beneath the site is in a generally westerly direction as obtained from maps- prior to 1995, area of single story building was vacant and formerly utilized as a junk automobile storage area <---------- two areas of concern were identified during Phase I; gasoline UST located in the parking area east of buildings and floor drains located in two story building on east side of the property <---------- two soil borings were completed around tank location, borings were advanced from grade to water table- no PID readings were detected above background level and no soil samples were selected for analysis <---------- one groundwater sample was collected from each borings- three floor drains (FD-1, FD-2 and FD-3) were identified in the two story building on east side of the property- drain for FD-1 discharges directly to subsurface soil. soil below drain were dry- drain for FD-2 was clogged with sludge, approx. one ft of sludge was removed and found pipe extending downward, discharge point could not be determined, sediments removed from drain was black and oily and had a strong pungent odor. sludge sample was collected- drain for FD-3 was connected to municipal sewar system- samples collected from drain 1 & 2- found contamination in sludge sample from FD-2 (Xylene: 7300 ppb, 1,2,4-Trimethylbenzene: 24,000 ppb)**********Limited Phase II was done at 430 Carroll street and 153 2nd Street sites. abstract of limited Phase II done in 2005:- Hydrotech did investigation- carroll street parcel is occupied by a Mister Softee-brand commercial icecream business and consists of a 1 story brick building with no basement- elevation of site is approx. 10-15 ft above sea level- regional groundwater flow beneath the site is toward the west, in the direction of Gowanus canal and Upper New York Bay <---------- GPR survey was performed and no significant anamolies were noted- six soil probes were installed, three (HTE-2, HTE-3 and HTE-5) were installed on 2nd street parcel and three (HTE-6, HTE-7 and HTE-8) were installed in carroll street parcel (430 carroll st)- HTE-6 was installed at the area of concerned identified as a 275 gal waste oil AST and staining in the southwest portion of the parcel (430 carroll st)- HTE-7 was

430 CARROLL STREET (Continued) **S106704100**

installed at the area of concerned identified as a 275 gal fuel oil AST in the eastern portion of the parcel (430 carroll st)- HTE-8 was installed in a former floor drain within the footprint of the building- max. PID (3,675 ppm) was measured at 2 to 4 ft at boring HTE-6 (at waste oil tank location)- sump pit was observed approx. 3 to 5 ft south of waste oil tank in southwest portion of carroll street parcel - petroleum staining was noted in the sump pit, on the waste oil tank and on the asphalt in the vicinity of both structures- due to the interior conditions of the sump pit, depth of pipe inside sump pit could not be determined- found contaminated sludge in sump pit- two groundwater probes (HTE-4: one in 2nd street parcel and HTE-6: one in carroll street parcel) were installed and one well (HTE-1: in 2nd street parcel) was sampled- groundwater probe HTE-6 was installed at the location of the waste oil tank and sump pit- depth to groundwater beneath the carroll street parcel was measured to 15 ft bg and beneath the 2nd street parcel was measured at 17 ft bg <---------- no petroleum sheen or separate phase product was noted during sampling of any groundwater probe or well- found heavy SVOC contamination at HTE-2, HTE-3, HTE-5 (at 2nd street parcel with maximum at HTE-3), HTE-6 and HTE-7 (at carroll street parcel with maximum at HTE-7)- found VOC contamination at HTE-5 and HTE-8- found groundwater contaminated at HTE-1 (at 2nd street parcel)- found heavy groundwater contamination at HTE-6 (at carroll street parcel and close to waste oil tank and sump pit)soil analyticals from 2nd street
parcel:
----------HTE-2----------HTE-3----------HTE-5------
--limit 4-6 ft----------2-4 ft----------2-4
ftAcetone----------670----
------200Chlorobenzene----------41,
000--------1,7001,3
Dichlorobenzene----------12,000--------1,
6001,4
Dichlorobenzene----------19,000--------8,
5001,2,4
Trichlorobenzene----------6,000--------3,
400Benzylbutylphthalate----------290,
000----------50,000Benzo(a)anthracene-------4,
700----------14,000----------3,
200----------224Chrysene----------3,400----------12,
000----------3,800----------400groundwater analyticals from 2nd street
parcel:----------HTE-1Chlorobenzene----------4401,2
Dichlorobezene--------471,3 Dichlorobezene-------2401,4
Dichlorobezene-------2901,2,4 Trichlorobezene----940soil analyticals from carroll street
parcel:
----------HTE-6----------HTE-7----------HTE-8------
--limit 4-6 ft----------0-2 ft----------0-2
ftXylene----------2,
300--------1,
2002-Methylnaphthalene----------44,
000-------36,400Benzo(a)anthracene-------3,200----------10,
000----------224Chrysene----------4,
000----------11,000----------8,100----------400Benzo(b)
fluoranthene-----3,300----------10,000----------1,
100Benzo(k)fluoranthene-----2,500----------5,

430 CARROLL STREET (Continued) **S106704100**

300----------1,100Benzo(a)pyrene----------3,
500----------9,300----------61groundwater
analyticals from carroll street
parcel:----------HTE-6Acetone----------1,
500Toluene----------630Ethylbenzene----------12,
000Xylene----------12,000PID readings for HTE-6: 3162 ppm
at 0-2 ft, 3675 ppm at 2-4 ft and 3175 ppm at 4-6 ft and found
refusal at 6 ft**********subsurface
investigation was done in June 2005 at 420 and 430 Carroll Street
sites. abstract of subsuface investigation report:- during
investigation installed three soil borings (GB-1/S, GB-2/S and
GB-6/S: all on 420 carroll street), four monitoring wells (GB-1, GB-2
and GB-3 on 420 carroll street and GB-4 on 430 carroll street) and
five soil-gas probes (SG-1, SG-2 and SG-3 on 420 carroll street, SG-4
and SG-6 on 430 carroll street)- soil probes were sampled from ground
surface to depths ranging from 8 to 12 ft bg- olfactory evidence of
petroleum constituents and low level of organic vapors ranging from
10 to 50 ppm were encountered in soil samples obtained from GB-6/S
(on 420 carroll street)- soil vapor samples were collected 2 inches
below concrete slab in SG-1 through SG-4 and 4 ft below the surface
at SG-6 <---------- few SVOC compounds found above limit in soil
sample from GB-1/S at 6-8 ft bg- no VOC contamination found in any
soil or groundwater samples- no contamination found in soil gas
samplessummary of above reports:- no PID readings found in two
borings around suspected location of gasoline UST at 420 carroll
street site- soil from only two sides of gasoline UST was screened-
found contaminated sludge in floor drain 2 at 420 carroll street
site- found SVOC contamination in soil sample (HTE-3) at 153 2nd
street site- found chlorinated compounds in soil sample (HTE-5) at
153 2nd street site- found chlorinated compounds in groundwater
sample (HTE-1) at 153 2nd street site- found SVOC contamination in
soil samples (HTE-6, HTE-7 and HTE-8) at 430 Carroll street site-
found Xylene contamination in soil sample (HTE-8) at 430 Carroll
street site- found heavy VOC contamination in groundwater sample
(HTE-6) at 430 Carroll street site- HTE-6 sample was taken in area of
aboveground waste oil tank and sump pit at 430 Carroll street
site.09/14/07-Hiralkumar Patel. left message for Mr. Mirski (BCP
applicant), for owner's information.09/17/07-Hiralkumar Patel.
received email from Ms. Shaw stating that property is for
sell.09/26/07-Hiralkumar Patel. sent email to Ms. Shaw requiring
property owner's information.09/28/07-Hiralkumar Patel. received
property owner's information from Ms. Shaw.property owner:Gowanus
Village I LLC.Attn.: Sara MirskiBoymelgreen developers752 Pacific
Street, 6th FloorBrooklyn, NY 11238Ph. (718) 398-3200 Ext. 201Fax
(718) 398-3222email: sara@boymelgreendevelopers.comLinda ShawKnauf
Shaw LLPPh. (585) 546-8430Fax (585) 546-4324email:
lshaw@nyenvlaw.com10/01/07-Hiralkumar Patel. spoke with Ms. Mirski to
confirm property owner's information. she mentioned that site 153 2nd
Street (aka: 332 3rd Ave.; Gowanus Village I Power Plant site) is
included under current active brownfield cleanup program. spoke with
Ms. Shaw (Ms. Mirski's attorney) regarding current active BCP file.
she mentioned that 153 2nd Street site is currently under BCP #:
C224099. but this BCP file only includes site at 153 2nd Street. it
doens't include site at 430 Carroll Street.need further investigation
for sites 420 & 430 Carroll STreet.10/02/07-Hiralkumar Patel. left
message for Mr. Edwards in DEC central office as he is listed as
project manager. received email from Mr. Edwards confirming that site

430 CARROLL STREET (Continued) **S106704100**

at 153 2nd street is currently under active Brownfield program. other
two sites were dropped.10/05/07-Hiralkumar Patel. sent letter to Ms.
Mirski requiring soil and groundwater delineation, site specific
groundwater flow direction, submission of PBS application (as had
2000 gal AST, 275 gal AST and unknown size gasoline UST at 420 caroll
street and a waste oil tank at 430 carroll street), endpoint soil
samples, surrounding area site map and RAP based on investigation
results. also asked for installation of vapor barrier and SSDS, if
site development occurs. letter emailed to Mr. Mirski and Ms.
Shaw.10/22/07-Hiralkumar Patel. received email from Jason Hayes.
spoke with Jason at Langan. he asked about extension of deadline.
explained Jason that the department requires delineation work started
while they are dealing with BCP program to include sites. asked Jason
to submit a work plan including scaled site map. aksed him to include
locations of all tanks and previous borings
(soil/groundwater/soil-gas) on same map.Jason J. Hayes Langan
Engineering & Environmental ServicesPh. (212) 479-5427 (O) (917)
859-4908 (C)Fax (212) 479-5444 email:
jahayes@Langan.com11/07/07-Hiralkumar Patel. spoke with Mr. Hayes. he
just finished work plan and will email it.11/13/07-Hiralkumar Patel.
received email from Mr. Hayes with proposed work plan. abstract:-
eight soil borings will be advanced to water tablebased on previous
sampling locations during previous studies, add three more sampling
points than proposed. sent updated sampling plan to Mr. Hayes in
email. asked Mr. Hayes to submit modified plan with added sampling
points on site map.11/26/07-Hiralkumar Patel. spoke with Mr. Hayes.
asked him to submit modified site map.12/04/07-Hiralkumar Patel.
received modified site plan with added sampling points. sent email to
Mr. Hayes asking submission of investigation report by Jan. 15,
2008.01/31/08-Hiralkumar Patel. left message for Mr.
Hayes.02/15/08-Hiralkumar Patel. received call from Mr. Hayes. after
submitting proposals, he never received call from owner and he hasn't
performed any work at the site.spoke with Ms. Mirski. she mentioned
that under Gowanus LLC., they transferred their interest to Mr. Katan
and now Mr. Katan is property owner/manager. Ms. Mirski asked to
contact Mr. Katan. Isaac KatanGowanus Village I LLC.592 Pacific
Street, Brooklyn, NY 11217Ph. (718) 855-7444 (O) (917) 742-7444
(C)email: tj@katangroup.comspoke with Mr. Katan. he mentioned that
they hired Hydrotech for required work and just signed contract.
asked Mr. Katan to submit work plan by Feb. 26, 2008 and
investigation report by March 31, 2008. Mr. Katan will talk to Mark
Robins in Hydrotech and ask him to call. sent email to Mr. Katan with
such requirements.HydrotechMark RobbinsPh. (631) 462-5866 (O)email:
mrobbins@hydrotechenvironmental.com02/20/08-Hiralkumar Patel. left
message for Mr. Robins at Hydrotech.02/26/08-Hiralkumar Patel.
received call from Ms. Saha, project manager at Hydrotech. will
submit work plan.Yash SahaHydro Tech Environmental, Corp. Ph. (718)
636-0800Fax (718) 636-0900email:
ysaha@hydrotechenvironmental.com02/27/08-Hiralkumar Patel. received
work plan from Hydrotech. abstract:- eight borings will be installed-
four borings wil be convereted into permanent groundwater monitoring
wells- borings will be installed to an anticipated depth of approx.
12 ft, refusal or groundwater table- two soil samples will be
collected from each soil probe; deepest dry soil sample and sample
with the highest PID- groundwater samples will be collected from soil
boring, if contamination hit groundwaterproposed boring locations are
not in area where containation found during earlier studies.

430 CARROLL STREET (Continued) **S106704100**

02/28/08-Hiralkuamar Patel. sent site map with changes in proposed boring/well locations. asked Ms. Saha to submit revised work plan with modified map.spoke with Ms. Saha. she mentioned that they are planning to stick with 8 borings proposal from Langan. based on previous investigation reports, remove few boring locations from proposed plan. asked Ms. Saha to analyze groundwater for chlorinated compounds also as found some chlorinated compounds in previous study. also asked to trace end of floor drains at 420 Carroll street and to take soil/groundwater sample where floor drain ends (as found contaminated sludge in floor drain # 2). mentioned to Ms. Saha that proposed permanent well at location MW-4 is not necessary, but the department definitely requires soil and groundwater sample at boring SP#4 (at new location as shown in map) as it is downgradient from sump pit area (based on regional groundwater flow direction which is towards the west).sent another email to Ms. Saha with change in proposed boring/well locations. remove some proposed location, move some proposed locations and add some locations. asked to submit revised work plan by end of March 3, 2008.received revised work plan with following changes:- will install eight soil probes and one groundwater probe- if groundwater sample from probe found contaminated then covert boring to permanent well- will trace end of drains and will take soil samples at end of drains02/29/08-Hiralkumar Patel. sent email to Ms. Saha and Mr. Katan, with work plan approval. asked to submit investigation report by April 4th,
2008.03/20/08-Hiralkumar Patel. received call from Ms. Saha. they tried to install monitoring well near sump, but due to heavy rain they could not install. they will try next week. asked to extend deadline for report submission. approved Ms. Saha's request and asked to submit report by April, 14, 2008.04/14/08-Hiralkumar Patel.
received call from Ms. Saha. they finished investigation work except for one monitoring well at sump location. Ms. Saha mentioned that sump is filled with water and owner is waiting for tenant to empty that sump. asked Ms. Saha to contact owner regarding installation of well and submission of complete investigation report by next week.left message for Mr. Katan.04/25/08-Hiralkumar Patel. received email from Ms. Saha. they have scheduled well installation next week and planning to submit complete report by May 10, 2008. sent email to Ms. Saha approving her request for deadline extension.05/08/08-Hiralkumar Patel. received email from Ms. Saha. she will submit complete report by May 22nd, 2008.07/01/08-Hiralkumar Patel. received investigation report from Hydrotech. abstract:- total of eight soil probes (SP-1 through SP-8) were installed- borings SP-1 through SP-4 were installed in 420 Carroll Street- boring SP-4 was installed in the vicinity of the inactive floor drain in the northeastern portion of the warehouse; end of this floor drain was traced and found to end at the city sewer line; due to proximity of the drain pipes to the main sewer line and building structures, no soil sample could be obtained from drain end (floor drain where found contaminated sludge during previous investigation) <---------- soil probes SP-5 to SP-8 were installed at 430 carroll street- soil probe SP-8 was installed in the vicinity of the sump pit, located in the southwestern corner of the parking lot (where high VOC contamination found in groundwater, previous HTE-6 boring) <---------- inactive floor drain indentified in the northern portion of the building during previous investigations could not be accessed due to debris, concrete rubble and a trailer in the vicinity- all soil probes were installed until clean soil or groundwater was encountered- soil

430 CARROLL STREET (Continued) **S106704100**

probes SP-1, SP-2 and SP-7 were installed to a depth of 8 ft at which groundwater was encountered; soil probes SP-3, SP-4 and SP-8 were installed to a depth of 10 ft bg at which groundwater was encountered; soil probes SP-5 and SP-6 were installed to a depth of 12 and 13 ft respectively at which groundwater was encountered <--------- no PID values found during soil probes- two deepest dry soil samples collected for analysis- one groundwater probe (GP-3) and three permanent 2-inch monitoring wells (MW-1, MW-6 and MW-8) were installed- MW-1 was installed to depth of 11 ft bg, MW-6 was installed to depth of 25 ft bg and MW-8 was installed to a depth of approx. 18 ft bg- no free product observed in any wells- wells and groundwater probes were sampled on following day- groundwater flow direction beneath the site is towards the West (map shows in northwest direction) <---------- 16 soil (two from each borings) and 4 groundwater samples submitted for analysis- found SVOC contamination in all samples, but found high contamination in samples from borings SP-1 (at 2-4 ft), SP-3 (at 8-10 ft; highest) and SP-6 (at 6-8 ft) - highest SVOC contamination found in sample from 8-10 ft from soil probe SP-3----------SP-3 (at 8-10 ft bg)----------limitNaphthalene----------35,
000----------13,000Phenanthrene----------130,
000----------50,000Benzo(a)anthracene----------7,
100----------224Chrysene----------28,
000----------400Benzo(b)fluoranthene----------41,
000----------1,100Benzo(k)fluoranthene----------31,
000----------1,100Benzo(a)pyrene----------1,
400----------61- found Naphthalene contamination in groundwater samples from wells MW-6 (290 ppb) and MW-8 (179 ppb) <----------summary of all avilable reports:- abandoned gasoline tank at 420 Carroll street- found contaminated sludge in floor drain #2 in 420 Carroll street during investigation in 1999- found SVOC contamination in samples HTE-6, HTE-7 and HTE-8 during investigation in 2005- found VOC contamination in groundwater from boring HTE-6, which was taken near waste oil AST location, in 2005- found SVOC contamination in samples during recent investigation in 2008- as per boring logs, found fill material in all boring logs- during recent investigation in 2008, found groundwater flowing towards the West (map shows in northwest direction)- based on recent groundwater flow direction, wells MW-6 and MW-8 are located at upgradient edge of the site, where Naphthalene contamination found- well MW-1 is located at downgradient edge of the site and no contamination found in this well; MW-1 is also downgradient from previous waste oil tank/sump pit location where high VOC contamination found in groundwater in 200507/02/08-Hiralkumar Patel. discussed with DEC Austin. based on previous and current investigation reports and based on location of the site (in industrial area), Austin asked to close the case.case closed.sent NFA to Mr. Katan. letter emailed to Mr. Katan and Yash.**see edocs on brownfield case #: C224118 for previous reports. reports included in BCP application.**

Remarks: Phase 2 on the site found to areas with free- product (petrolium). Floor drain contamination and did a subsurface boring near an above ground tank found contam. there also.. Historical spill.

Material:
Site ID: 337271
Operable Unit ID: 1099250
Operable Unit: 01
Material ID: 579569

430 CARROLL STREET (Continued) **S106704100**

Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F39 **276 3RD AVENUE** **NY AST** **A100353041**
SE **276 THIRD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.059 mi.
313 ft. **Site 3 of 16 in cluster F**

Relative:
Higher

Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-608461
Program Type: PBS
UTM X: 585692.00583000004
UTM Y: 4503465.9770600004
Expiration Date: 2010-12-14
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30313
Affiliation Type: Facility Owner
Company Name: 276 REALTY ENTERPRISE CORP
Contact Type: MANAGER
Contact Name: MARK ROSE
Address1: 1274 49TH STREET, SUITE 211
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 781-9483
EMail: MNCO3@MSN.COM
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/10/2006

Site Id: 30313
Affiliation Type: On-Site Operator
Company Name: 276 3RD AVENUE
Contact Type: Not reported
Contact Name: 276 REALTY ENTERPRISE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

276 3RD AVENUE (Continued) **A100353041**

Country Code: 001
Phone: (718) 290-1404
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/10/2006

Site Id: 30313
Affiliation Type: Emergency Contact
Company Name: 276 REALTY ENTERPRISE CORP
Contact Type: Not reported
Contact Name: MARK ROSE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 781-9483
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/10/2006

Site Id: 30313
Affiliation Type: Mail Contact
Company Name: 276 REALTY ENTERPRISE CORP
Contact Type: Not reported
Contact Name: MARK ROSE
Address1: 1274 49TH STREET
Address2: SUITE 211
City: BROOKLYN
State: NY
Zip Code: 11219
Country Code: 001
Phone: (718) 781-9483
EMail: MNCO3@MSN.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/22/2010

Tank Info:

Tank Number: 001
Tank Id: 65196
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

276 3RD AVENUE (Continued) — **A100353041**

I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/2009
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/23/2010
Material Name:	#2 Fuel Oil (On-Site Consumption)

F40 — **PRESIDENT STREET &** — **NY Spills** — **S104787053**
SE — **THIRD AVE** — **N/A**
< 1/8 — **BROOKLYN, NY**
0.059 mi.
313 ft. — **Site 4 of 16 in cluster F**

Relative: Higher

Actual: 20 ft.

SPILLS:

Facility ID:	0004300
Facility Type:	ER
DER Facility ID:	231379
Site ID:	285343
DEC Region:	2
Spill Date:	7/10/2000
Spill Number/Closed Date:	0004300 / 10/17/2001
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	7/10/2000
CID:	322
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/10/2000
Spill Record Last Update:	10/17/2001
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller Company:	999
Contact Name:	TONY LOPEZ

PRESIDENT STREET & (Continued) — **S104787053**

Contact Phone:	(212) 580-6764
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis Notes:7/10/00 1qt unknown oil on floor of manhole. 3" inactive drain exists in manhole. Sample returned <1ppm PCB. Adjacent sewer checked and found 4" pipe in the direction of manhole. There is product dripping onto floor. No free flowing water involved. 2gal product removed from structure.7/11/00 Crews report completed washing out sewer lines to adjacent sewer 20' west of structure. Structure was double washed, drain is sealed. Only an ounce if oil (if any) came through drain. All liquids were contained and captured at base of drain pipe in sewer.Inside sewer was dirt and brick floor. No free flowing water in sewer. Double washed structure with slix. No liquid waste. Solids removed by vactor. No leaking equipment.
Remarks:	in manhole #2583 - 1qu unk oil in manhole - samples taken and clean up pending results - cin ed #132296 - UPDATE 7/11@0225HRS MAY HAVE ENTERED A SEWER

Material:

Site ID:	285343
Operable Unit ID:	825527
Operable Unit:	01
Material ID:	549041
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F41 — **EDR US Hist Cleaners** — **1015030710**
ESE — **263 3RD AVE** — **N/A**
< 1/8 — **BROOKLYN, NY 11215**
0.060 mi.
318 ft. — **Site 5 of 16 in cluster F**

Relative: Higher

Actual: 19 ft.

EDR Historical Cleaners:

Name:	KLOR DE CLEANERS
Year:	2002
Address:	263 3RD AVE
Name:	KLOR DE CLEANERS
Year:	2005
Address:	263 3RD AVE

F42 **KLOR-DE CLEANERS** **NY DRYCLEANERS** **S110247069**
ESE **263 3RD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.060 mi.
318 ft. **Site 6 of 16 in cluster F**

Relative: **Higher**

Actual: **19 ft.**

DRYCLEANERS:

Facility ID:	2-6103-00151
Phone Number:	718-875-4448
Region:	Not reported
Registration Effective Date:	02NOV19
Inspection Date:	06SEP13
Install Date:	94/06
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

C43 **MANHOLE 2545** **NY Spills** **S106013083**
SSE **468 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.060 mi.
319 ft. **Site 3 of 4 in cluster C**

Relative: **Higher**

Actual: **14 ft.**

SPILLS:

Facility ID:	0300423
Facility Type:	ER
DER Facility ID:	237470
Site ID:	293386
DEC Region:	2
Spill Date:	4/11/2003
Spill Number/Closed Date:	0300423 / 4/15/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	4/12/2003
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/12/2003
Spill Record Last Update:	4/15/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	SEAN MCKEEVER
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"e2mis 1478604-11-03 0950 HRS C. LUGO # 03594 MECH "A"

MANHOLE 2545 (Continued) **S106013083**

FLUSH DEPT REPORTS WHILE GETTING READY TO FLUSH STRUCTURE FOR SERV (#9) BUR (N/L) IN MH2545 F/O # 468 CARROLL ST HE FOUND APPROX 1 QUART UNKNOWN OIL ON 300 GALLONS WATER. THERE WAS NO FIREOR SMOKE AT THIS LOCATION. NO PRIVATE PROPERTY AFFECTED, NO INJURIES. HE DOES NOT SEE A SEWER CONNECTION ORSUMP AT THIS TIME. LIQUID SEEMS CONTAINED , NO SEWERS OR WATERWAYS AFFECTED. HE TOOK A LIQUID SAMPLE ANDREQUESTED EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP PENDING SAMPLE RESULTS. CHAIN OF CUSTODY # CC07418. HEPLACED E.S.TAG # 34810. N/P 0800 HRS TO 1800 HRS MONDAY TO FRIDAY. CIG P. DIDONATO (S. MCKEEVER) NOTIFIED 1014 HRSAroclor 1260 < 1.0 ppm EPA 608/8082UPDATE 4-12-03 0810 HRS AT 0810 HRS K. QUEST REPORTS HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760 HE REMOVED ALL LIQUIDS WITH HIS VACTOR. HE FOUND A DRAIN , CHECK DRAIN FOUND NO SIGNS OF OIL IN DRAIN (LIQUID WAS NOT DRAINING OFF INTO DRAIN) HE CEMENT DRAIN. NOTIFIED CIG S MCKEEVER OF DRAIN AND ALSO SPOKE TO ERT W. CAPUNE 0812 HRS ABOUT DRAIN , WAS TOLD TO TAKE THIS OFF THE 24 HRS PROGRAM. CLEANUP . K.QUEST REMOVED E.S.TAG # 34810. INCIDENT WAS TAKEN OFF 24 HRS PROGRAM CIG NOTIFIED S. MCKEEVER AND INCIDEN IS COMPLETED.

Remarks:	1 quart on 300 gals of water - ref #147860

Material:

Site ID:	293386
Operable Unit ID:	868725
Operable Unit:	01
Material ID:	508502
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C44 **JO-LEE TRUCKING** **RCRA NonGen / NLR** **1008374454**
SSE **463 CARROLL ST** **NYR000131938**
< 1/8 **BROOKLYN, NY 11215**
0.061 mi.
323 ft. **Site 4 of 4 in cluster C**

Relative: **Higher**

Actual: **15 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	JO-LEE TRUCKING
Facility address:	463 CARROLL ST BROOKLYN, NY 11215
EPA ID:	NYR000131938
Mailing address:	CARROLL ST BROOKLYN, NY 11215
Contact:	ELEANOR RUSSO
Contact address:	CARROLL ST BROOKLYN, NY 11215
Contact country:	US
Contact telephone:	(718) 625-1598
Contact email:	Not reported

JO-LEE TRUCKING (Continued) **1008374454**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/2004
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/2004
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: JO-LEE TRUCKING
Classification: Not a generator, verified

Date form received by agency: 04/25/2005
Facility name: JO-LEE TRUCKING
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

F45 **NYNEX** **NY MANIFEST** **1009233525**
East **UNION ST & 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 10016**
0.061 mi.
324 ft. **Site 7 of 16 in cluster F**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:
EPA ID: NYP000916593
Country: USA
Mailing Name: NYNEX
Mailing Contact: JOSE RODRIGUEZ
Mailing Address: 221 EAST 37TH ST 4TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10016
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-338-7675

Document ID: CTF0359854
Manifest Status: Completed copy
Trans1 State ID: OHP4056W
Trans2 State ID: Not reported
Generator Ship Date: 940830
Trans1 Recv Date: 940830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940901
Part A Recv Date: 941017
Part B Recv Date: 940913
Generator EPA ID: NYP000916593
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSDF ID: CTD000604488
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00007
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94

B46 **CHATHAM CLEANERS** **NY MANIFEST** **S110246186**
NNE **280 NEVINS ST** **NY DRYCLEANERS** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.061 mi.
324 ft. **Site 11 of 12 in cluster B**

Relative:
Lower

Actual:
8 ft.

NY MANIFEST:
EPA ID: NYD981133747
Country: USA
Mailing Name: CHATHAM CLNRS
Mailing Contact: BORIS WEISS
Mailing Address: 280 NEVINS STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217

CHATHAM CLEANERS (Continued) **S110246186**

Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-834-6060

NY MANIFEST:
No Manifest Records Available

DRYCLEANERS:
Facility ID: 2-6103-00162
Phone Number: NOT LISTED
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 09APR8
Install Date: 94/09
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

B47 **CHATHAM CLEANERS INC** **RCRA NonGen / NLR** **1000407106**
NNE **280 NEVINS ST** **FINDS** **NYD981133747**
< 1/8 **BROOKLYN, NY 11217** **US AIRS**
0.061 mi.
324 ft. **Site 12 of 12 in cluster B**

Relative: Lower

Actual: 8 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: CHATHAM CLEANERS INC
Facility address: 280 NEVINS ST
BROOKLYN, NY 112173028
EPA ID: NYD981133747
Mailing address: NEVINS ST
BROOKLYN, NY 11217
Contact: Not reported
Contact address: NEVINS ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported

CHATHAM CLEANERS INC (Continued) **1000407106**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CHATHAM CLEANERS INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: CHATHAM CLEANERS INC
Classification: Not a generator, verified

Date form received by agency: 09/10/1985
Facility name: CHATHAM CLEANERS INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/30/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004399446

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

CHATHAM CLEANERS INC (Continued) **1000407106**

Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110004399446
Plant name:	CHATHAM CLEANERS INC
Plant address:	280 NEVINS ST BROOKLYN, NY 112173028
County:	KINGS
Region code:	02
Dunn & Bradst #:	075266551
Air quality cntrl region:	043
Sic code:	6514
Sic code desc:	Not reported
North Am. industrial classf:	531110
NAIC code description:	Lessors of Residential Buildings and Dwellings
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

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

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

CHATHAM CLEANERS INC (Continued) **1000407106**

Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201

CHATHAM CLEANERS INC (Continued) **1000407106**

Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

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

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1301
Air prog code hist file: MACT (SECTION 63 NESHAPS)

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

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

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

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

F48 **UNION ST &** **NY Spills** **S104787055**
East **THIRD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.062 mi.
329 ft. **Site 8 of 16 in cluster F**

Relative:
Higher

Actual:
17 ft.

SPILLS:
Facility ID: 0004302
Facility Type: ER
DER Facility ID: 231379

UNION ST & (Continued) **S104787055**

Site ID: 285344
DEC Region: 2
Spill Date: 7/10/2000
Spill Number/Closed Date: 0004302 / 10/17/2001
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 7/10/2000
CID: 322
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/10/2000
Spill Record Last Update: 10/17/2001
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: MANHATTAN, NY
Spiller Company: 001
Contact Name: CHARLIE MCCARTHY
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis Notes:7/10/00 Cable joint blew leaking 1qt cable oil onto arc proofing and mud. Liquid sample to be taken from tubing attached to fdr joint. Cleanup as 50-499ppm PCB. 7/11/00 Spot cleanup completed. Sample returned <1ppm. Cleanup completed by double washing with slix and removing liquids and solids. Leaking joint regulator tank was replaced by UG. No sump.
Remarks: BLOWN FEEDER CABLE CAUSED SPILL - 1 QUART IN MANHOLE #2582CLEAN UP IN PROGRESS - SAMPLE HAS BEEN TAKEN - CON ED #132298

Material:
Site ID: 285344
Operable Unit ID: 825531
Operable Unit: 01
Material ID: 549043
Material Code: 0541A
Material Name: DIELECTRIC FLUID
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F49 **CON EDISON** **NY MANIFEST** **S113816599**
East **127 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.063 mi.
334 ft. **Site 9 of 16 in cluster F**

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004330551
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	17-Jul-2013 00:00:00
Trans1 Recv Date:	17-Jul-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	22-Jul-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330551
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	40
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002084759GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S113816599**

Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	17-Jul-2013 00:00:00
Trans1 Recv Date:	17-Jul-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	22-Jul-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330551
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	40
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002084759GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-07-17
Trans1 Recv Date:	2013-07-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-07-22
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330551
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	40
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002084759GBF

CON EDISON (Continued) **S113816599**

Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

F50 **A 2 Z ENVIRONMENTAL LLC** **RCRA NonGen / NLR** **1014926942**
East **601 UNION ST** **NYR000187302**
< 1/8 **BROOKLYN, NY 11215**
0.067 mi.
352 ft. **Site 10 of 16 in cluster F**

Relative: Higher

Actual: 18 ft.

RCRA NonGen / NLR:
Date form received by agency: 11/29/2011
Facility name: A 2 Z ENVIRONMENTAL LLC
Facility address: 601 UNION ST
BROOKLYN, NY 11215
EPA ID: NYR000187302
Mailing address: BARTLEY RD
JACKSON, NJ 08527
Contact: KEVIN M BARTLEY
Contact address: BARTLEY RD
JACKSON, NJ 08527
Contact country: US
Contact telephone: (877) 388-8265
Contact email: MRKBARTLEY@HOTMAIL.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: 601 UNION STREET REALTY CORP
Owner/operator address: UNION ST
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (877) 388-8265
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/30/1989
Owner/Op end date: Not reported

Owner/operator name: KEVIN M BARTLEY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/01/2011
Owner/Op end date: Not reported

A 2 Z ENVIRONMENTAL LLC (Continued) **1014926942**

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

Violation Status: No violations found

G51 **UNION STREET BRIDGE** **NY Spills** **S108764295**
NW **UNION BRIDGE** **N/A**
< 1/8 **BROOKLYN, NY**
0.068 mi.
361 ft. **Site 1 of 2 in cluster G**

Relative: Lower

Actual: -1 ft.

SPILLS:
Facility ID: 0706319
Facility Type: ER
DER Facility ID: 336221
Site ID: 386814
DEC Region: 2
Spill Date: 9/5/2007
Spill Number/Closed Date: 0706319 / 8/19/2011
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 9/5/2007
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/5/2007
Spill Record Last Update: 8/19/2011
Spiller Name: PETER BURGER
Spiller Company: NYC DOT
Spiller Address: 2 RECTOR STREET, 5TH FLOOR
Spiller City,St,Zip: MANHATTAN, NY 10006
Spiller Company: 999
Contact Name: PETER BURGER

UNION STREET BRIDGE (Continued) **S108764295**

Contact Phone: (646) 602-5850
DEC Memo: 09/06/07-Vought-Called Peter Burger and left message to return call to DEC with owners info. 10/22/07-Vought-Received call and spoke to Burger. During geotech boring on western approach near western bulkhead, soil VOCs found at depth of 30' including benzene (1400ppb, ethylbenzene 10,000ppb), napthalene (47000ppb). Groundwater at depth of 20' and soil contaminated below groundwater however no samples collected above groundwater as boring was geotech. STV is working with ADT and soil cuttings were drummed. Overall project requires Basis of Design Report for Union Street Bridge to be submitted to NYC. If bulkeads are reconstructed then soil contamination will be addressed. Geotechnical boring was not completed. No adjacent USTs but coal tar facilities across canal to the east. DEC requires : 1)delineation of soil and groundwater. Bulk fueling facility 500' to the north that has above ground UST. No further work will be performed until DOT authorizes 40 hour crew to perform additional geotech borings which will include additional borings on eastern approach. Berger will send address for contaminated soil letter. 01/14/08-Vought-Current file review by Vought. Received email from Burger on 10/22/07 and mailing address is: Mr. Balram Chandiramani, P.E. Director - Moveable Bridges New York City Dept. of Transportation 2 Rector Street - 5th Floor New York, NY 10006 Attn: Mr. Frank K. Kodah, P.E. Project Manager Phone: (212) 788-1774 Vought called Burger (646-602-5850) for update prior to sending CSL with above requirements. Vought sent out CSL with two month due date and cc to EP Burger. Vought received call from Peter Burger and no site activity since we last spoke. Vought faxed copy of CSL to Burger Fax:(646)654-1861. 01/18/08-Vought-Received call from John Kurre (NYCDOT Division of Bridges-212-788-2083 fax:212-788-1848). John looking to discuss site. Bridge goes over Gowanus Canal and borings done for geotech to examine possible bridge replacement. Soil contamination in middle of street and no NYCDOT petroleum facilities nearby. Right next to Bridge is Bayside Fuel Depot which maybe possible source. Site plan will be submitted to DEC to examine proximity to Bayside Fuel Depot and their possible source attribution and hence responsibility for further investigation.6/24/10 - Raphael Ketani. I received the spill case in early June. I tried to contact Peter Burger (646) 602-5850 of STV, but could only leave a message. I tried to contact Frank K. Kodah, P.E., Project Manager (212) 788-1774, but I reached the NYC Dept. of Health. I tried to contact John Kurre of the NYC DOT (212) 788-2083, but the number was out of service.I reviewed the NYC DOT 1/31/08 response letter to the DEC's 1/14/08 letter to Mr. Chandiramani of the NYC DOT. Mr. Kurre had explained that the DOT didn't have any oil storage facilities on site and didn't have any plans to do further soil borings. However, the Bayside Fuel Depot was next door. The STV report describing the one geotechnical boring, DN-B-01, was attached to the letter.I drafted a letter to Mr. Chandiramani requesting an update regarding plans for refurbishing the bridge. The letter was sent to Randall Austin, Chief of the Spills Unit, for his approval.The letter was approved and was sent out today.7/1/10 - Raphael Ketani. The letter that I had sent to Mr. Chandiramani was received unopened. It was marked "Forward Time Expired - Return to Sender." It is unknown what the problem was as, according to the 2008-2009 NYC Green Book, Mr. Chandiramani is still the director of the Movable Bridges section. I will send the letter again, but, this time, I will address it just to Mr. Chandiramani.7/19/10 - Raphael Ketani. I received a letter today from

UNION STREET BRIDGE (Continued) **S108764295**

Ajit Thakore, PE of the NYC DOT (212) 839-4108. He stated that the bridge reconstruction project is in the preliminary design phase. The plans will be submitted sometime in December 2010.12/2/10 - Raphael Ketani. I spoke to Mr. Thakore. He said that the bridge refurbishment project has been delayed by 9 months due to budget issues. He said that he expects to receive the plans sometime during the middle of next year.7/26/11 - Raphael Ketani. I tried to contact Mr. Thakore (212) 839-4108 regarding progress with the bridge refurbishment project, but I could only leave a message.7/27/11 - Raphael Ketani. Mr. Thakore called me back. He said that the plans for the bridge have changed substantially. Now, the NYC OMD wants the NYC DOT to replace the bridge using a fixed construction design, not a draw bridge. The project is being reviewed by DOT staff and new plans are being drawn up. The project has to be coordinated with the Gowanus Canal superfund cleanup project which is scheduled to be completed during 2016. The construction is scheduled to begin 2019, barring objections by stakeholders and the general public during the review process.8/4/11 - Raphael Ketani. I spoke to Mr. Thakore (212) 839-4108. I asked him whether the replacement of the bridge will involve the driving of piles and the digging up of substantial amounts of soil. Mr. Thakore said that there will be a lot of digging in order to install concrete foundations for the bridge. He added that the west foundation will be right in the area of the boring. I asked Mr. Thakore whether he could send the DEC some preliminary plans. He said that he had a completed design report and that he will send it by e-mail.Mr. Thakore sent me a short informational document consisting of 4 pages. It wasn't a report, but rather a section of a report which described the state of the bridge, the impact to the community of closing the bridge and a little bit about the construction involved in replacing the bridge.Ajit Thakore, P.E., Movable Bridge Group, NYC DOT, 55 Water Street, 4th Floor, NY, NY, 10041 (athakore@dot.nyc.gov)8/19/11 - Raphael Ketani. I am closing the spill case effective today. The basis for closing the case is listed below:1) the oil spill did not come from the bridge itself as it does not contain product.2) as a utility, the bridge falls under the utility exemption whereby they are not required to remove the contaminated soil, nor specifically do environmental remediation for an oil spill, except if a piece of construction machinery or a vehicle happened to leak oil at the work site.3) they are going to install concrete foundations at both ends of the bridge. So any contaminated soil that is found in the vicinity of the geotechnical boring will be removed anyway.4) Mr. Thakore has been informed that he must make a wetlands permit application to the NYS DEC before work starts and that he must contact the Division of Environmental Permits in order to make application. He has informed the Department that the NYC DOT will do so in 2015 or 2016.5) The Division of Environmental Permits has been informed by the Spill Prevention and Response Bureau that the Union Street Bridge project will take place and that Mr. Thakore has been informed that the NYC DOT has to approach the Division of Environmental Permits in order to make a wetlands application.6) John Cryan, Regional Permit administrator, has informed Randall Austin, Chief of the Spill Prevention and Response Unit, that staff from his unit will look for the application or contact from the NYC DOT when the time comes to make an application in 2015 or 2016.Later, Mr. Cryan sent me an e-mail that the NYC DOT sent in an application to replace the dolphins for the bridge, but not the whole bridge (applic. #2-6103-00757).

UNION STREET BRIDGE (Continued) **S108764295**

Remarks: BELOW WATER TABLE: FOUND DURING A GEO TECH BORING: FOUND DURING BRIDGE RESTORATION: SOME ODOR, APX. 30 FEET BELOW GRADE, ELEVATED VOC AND SVOC IN SOIL

Material:
Site ID: 386814
Operable Unit ID: 1144042
Operable Unit: 01
Material ID: 2134331
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F52 **EDR US Hist Auto Stat** **1015539388**
SE **524 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.072 mi.
382 ft. **Site 11 of 16 in cluster F**

Relative: EDR Historical Auto Stations:
Higher Name: LLL AUTO REPAIRS INC
Year: 2003
Actual: Address: 524 PRESIDENT ST
20 ft.

F53 **EDR US Hist Auto Stat** **1015541341**
ESE **529 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.080 mi.
420 ft. **Site 12 of 16 in cluster F**

Relative: EDR Historical Auto Stations:
Higher Name: RL CAR SERVICES CO
Year: 2002
Actual: Address: 529 PRESIDENT ST
20 ft.

F54 **EDR US Hist Auto Stat** **1015541035**
ESE **528 PRESIDENT ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.081 mi.
426 ft. **Site 13 of 16 in cluster F**

Relative: EDR Historical Auto Stations:
Higher Name: LLL AUTO REPAIRS
Year: 1999
Actual: Address: 528 PRESIDENT ST
20 ft.

(Continued) **1015541035**

Name: LLL AUTO REPAIRS
Year: 2000
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2001
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2002
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIR INC
Year: 2004
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2005
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2006
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2007
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2008
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIR
Year: 2009
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIRS
Year: 2010
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIR
Year: 2011
Address: 528 PRESIDENT ST

Name: LLL AUTO REPAIR
Year: 2012
Address: 528 PRESIDENT ST

F55
ESE
< 1/8
0.081 mi.
426 ft.

Relative:
Higher

Actual:
20 ft.

L.L.L. AUTO REPAIR INC.
528 PRESIDENT STREET
BROOKLYN, NY 11215

Site 14 of 16 in cluster F

NY AST **A100320260**
N/A

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610816
Program Type:	PBS
UTM X:	585732.00309000001
UTM Y:	4503454.0207799999
Expiration Date:	2013-04-16
Site Type:	Other

Affiliation Records:

Site Id:	396425
Affiliation Type:	Facility Owner
Company Name:	L.L.L. AUTO REPAIR INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	528 PRESIDENT ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/16/2008

Site Id:	396425
Affiliation Type:	Mail Contact
Company Name:	L.L.L. AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	CHI LUEN LEE
Address1:	528 PRESIDENT STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/16/2008

Site Id:	396425
Affiliation Type:	On-Site Operator
Company Name:	L.L.L. AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	CHI LUEN LEE
Address1:	Not reported
Address2:	Not reported
City:	Not reported

L.L.L. AUTO REPAIR INC. (Continued) **A100320260**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/16/2008

Site Id:	396425
Affiliation Type:	Emergency Contact
Company Name:	L.L.L. AUTO REPAIR INC
Contact Type:	Not reported
Contact Name:	CHI LUEN LEE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 488-9244
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/16/2008

Tank Info:

Tank Number:	001
Tank Id:	222454
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	G10 - Tank Secondary Containment - Impervious Underlayment
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/01/2008
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/16/2008
Material Name:	Waste Oil/Used Oil

D56 **GOWANUS CANAL** **NY Spills** **S102149133**
SW **CARROLL ST- UNDER BRIDGE** **N/A**
< 1/8 **BROOKLYN, NY**
0.082 mi.
431 ft. **Site 6 of 6 in cluster D**

Relative:
Lower

Actual:
7 ft.

SPILLS:

Facility ID:	9411918
Facility Type:	ER
DER Facility ID:	193833
Site ID:	235329
DEC Region:	2
Spill Date:	12/7/1994
Spill Number/Closed Date:	9411918 / 12/7/1994
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	12/7/1994
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	12/7/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/24/1995
Spill Record Last Update:	1/30/1995
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	USCG TEAM TO INVESTIGATE-SHEEN FOUND IN WATER ALONGSIDE ROAD-FOUND BARREL UNKNOWN OIL ON THE STREET . CROSS THE STREET DEGRAW & NEVINS.

Material:

Site ID:	235329
Operable Unit ID:	1009770
Operable Unit:	01
Material ID:	374258
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E57 **ADMIRAL METALS** **NY UST** **1000551031**
NNE **270 NEVINS STREET** **NY HIST UST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.082 mi.
432 ft. **Site 5 of 7 in cluster E**

Relative:
Lower

Actual:
8 ft.

UST:

Id/Status:	2-349216 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	1993-05-19
UTM X:	585655.86997
UTM Y:	4503711.6931600003
Site Type:	Other

Affiliation Records:

Site Id:	17182
Affiliation Type:	Emergency Contact
Company Name:	NEVINS CANAL CORP
Contact Type:	Not reported
Contact Name:	THOMAS FAILLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 536-4568
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17182
Affiliation Type:	Facility Owner
Company Name:	NEVINS CANAL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	116 JOHN ST RM 312
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 349-5618
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	12/15/2004

Site Id:	17182
Affiliation Type:	Mail Contact
Company Name:	NEVINS CANAL CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	116 JOHN ST RM 312
Address2:	Not reported
City:	NEW YORK
State:	NY

ADMIRAL METALS (Continued) **1000551031**

Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 12/15/2004

Site Id: 17182
Affiliation Type: On-Site Operator
Company Name: T E CONKLIN BRASS&COPPER CO,IN
Contact Type: Not reported
Contact Name: T E CONKLIN BRASS&COPPER CO,IN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 643-6360
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 33421
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

ADMIRAL METALS (Continued) **1000551031**

Tank Number: 001
Tank ID: 32305
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 10/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 33422
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

ADMIRAL METALS (Continued) **1000551031**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 003
Tank ID: 33423
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Affiliation Records:

Site Id: 21664
Affiliation Type: Facility Owner
Company Name: NEVINS CANAL CORP
Contact Type: VICE PRES.
Contact Name: HERBERT CHAVES
Address1: 116 JOHN STREET, ROOM 312
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/31/2005

Site Id: 21664
Affiliation Type: Mail Contact

ADMIRAL METALS (Continued) **1000551031**

Company Name: NEVINS CANAL CORPORATION
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: 116 JOHN STREET, ROOM 312
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/31/2005

Site Id: 21664
Affiliation Type: On-Site Operator
Company Name: ADMIRAL METALS
Contact Type: Not reported
Contact Name: TOM FAILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2808
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 21664
Affiliation Type: Emergency Contact
Company Name: NEVINS CANAL CORP
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 33421
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported

ADMIRAL METALS (Continued) **1000551031**

Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 001
Tank ID: 32305
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 10/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

ADMIRAL METALS (Continued) **1000551031**

Tank Number: 002
Tank ID: 33422
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 003
Tank ID: 33423
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

ADMIRAL METALS (Continued) **1000551031**

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

HIST UST:

PBS Number:	2-349216
SPDES Number:	Not reported
Emergency Contact:	THOMAS FAILLA
Emergency Telephone:	(516) 536-4568
Operator:	T E CONKLIN BRASS&COPPER CO,IN
Operator Telephone:	(718) 643-6360
Owner Name:	NEVINS CANAL CORP
Owner Address:	116 JOHN ST RM 312
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 349-5618
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	NEVINS CANAL CORP
Mailing Address:	116 JOHN ST RM 312
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Contact:	Not reported
Mailing Telephone:	(212) 349-5618
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	270 NEVINS STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/19/1988
Expiration Date:	05/19/1993
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550

ADMIRAL METALS (Continued) **1000551031**

Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

ADMIRAL METALS (Continued) **1000551031**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1993
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

E58 **ADMIRAL METALS** **NY HIST UST U000408644**
NNE **270 NEVINS STREET** **NY AST N/A**
< 1/8 **BROOKLYN, NY 11217**
0.082 mi.
432 ft. **Site 6 of 7 in cluster E**

Relative:
Lower

Actual:
8 ft.

HIST UST:

PBS Number:	2-483001
SPDES Number:	Not reported
Emergency Contact:	HERBERT CHAVES
Emergency Telephone:	(212) 349-5618
Operator:	TOM FAILLA
Operator Telephone:	(718) 858-2808
Owner Name:	NEVINS CANAL CORP
Owner Address:	116 JOHN STREET, ROOM 312
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 349-5618
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	NEVINS CANAL CORPORATION
Mailing Address:	116 JOHN STREET, ROOM 312
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Contact:	HERBERT CHAVEZ
Mailing Telephone:	(212) 349-5618
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	270 NEVINS STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	MANUFACTURING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/29/2000
Expiration Date:	11/16/2005

ADMIRAL METALS (Continued) **U000408644**

Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	10/01/1990
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1998
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-483001
Program Type:	PBS
UTM X:	585655.86997
UTM Y:	4503711.6931600003
Expiration Date:	2010-11-16
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	21664
Affiliation Type:	Facility Owner
Company Name:	NEVINS CANAL CORP
Contact Type:	VICE PRES.
Contact Name:	HERBERT CHAVES

ADMIRAL METALS (Continued) **U000408644**

Address1: 116 JOHN STREET, ROOM 312
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/31/2005

Site Id: 21664
Affiliation Type: Mail Contact
Company Name: NEVINS CANAL CORPORATION
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: 116 JOHN STREET, ROOM 312
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 8/31/2005

Site Id: 21664
Affiliation Type: On-Site Operator
Company Name: ADMIRAL METALS
Contact Type: Not reported
Contact Name: TOM FAILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2808
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 21664
Affiliation Type: Emergency Contact
Company Name: NEVINS CANAL CORP
Contact Type: Not reported
Contact Name: HERBERT CHAVES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

ADMIRAL METALS (Continued) **U000408644**

Phone: (212) 349-5618
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 002
Tank Id: 55194
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 08/01/1998
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/15/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 10/29/2010
Material Name: #2 Fuel Oil (On-Site Consumption)

E59 **FULTON MUNICIPAL WORKS** **EDR MGP 1008407890**
NNE **NEVINS, DEGRAW AND SACKETT STS.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.084 mi.
441 ft. **Site 7 of 7 in cluster E**

Relative:
Higher

Actual:
10 ft.

Manufactured Gas Plants:
No additional information available

H60 **BELL ATLANTIC-NY** **NY MANIFEST** **S109064589**
ENE **SACKETT & 3 AVE MANHOLE** **N/A**
< 1/8 **BROOKLYN, NY**
0.084 mi.
442 ft. **Site 1 of 5 in cluster H**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP000940593
Country:	USA
Mailing Name:	BELL ATLANTIC-NY
Mailing Contact:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	Not reported

NY MANIFEST:
No Manifest Records Available

H61 **NYCDEP** **NY MANIFEST** **1009244330**
East **SACKETT ST & 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11201**
0.085 mi.
450 ft. **Site 2 of 5 in cluster H**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP010001790
Country:	USA
Mailing Name:	NYCDEP
Mailing Contact:	WAI MAN WONG
Mailing Address:	59-17 JUNCTION BOULEVARD
Mailing Address 2:	Not reported
Mailing City:	ELMHURST
Mailing State:	NY
Mailing Zip:	11373
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-595-4656

Document ID:	NYB7122987
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	960620
Trans1 Recv Date:	960620
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960620
Part A Recv Date:	960702
Part B Recv Date:	960710
Generator EPA ID:	NYP010001790
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

NYCDEP (Continued) **1009244330**

Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYB7123401
Manifest Status:	Completed copy
Trans1 State ID:	MA7222NY
Trans2 State ID:	Not reported
Generator Ship Date:	960703
Trans1 Recv Date:	960703
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960703
Part A Recv Date:	960718
Part B Recv Date:	960724
Generator EPA ID:	NYP010001790
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

I62 **CARROLL ST. TRANSFER STATION** **NY SWF/LF** **S105841710**
WSW **400 CARROLL ST** **N/A**
< 1/8 **BROOKYN, NY 11215**
0.088 mi.
467 ft. **Site 1 of 6 in cluster I**

Relative:
Lower

Actual:
0 ft.

SWF/LF:

Flag:	INACTIVE
Region Code:	2
Phone Number:	7186436551
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	JOE COSTELLO; OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T53]
Active:	No

CARROLL ST. TRANSFER STATION (Continued) **S105841710**

East Coordinate: 585300
North Coordinate: 4503500
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6103-00062
Authorization Date: Not reported
Expiration Date: Not reported

I63 **LOT 15,TAXBLOCK 452** **NY E DESIGNATION** **S109527599**
WSW **400 CARROLL STREET** **N/A**
< 1/8 **BROOKLYN, NY 11231**
0.088 mi.
467 ft. **Site 2 of 6 in cluster I**

Relative:
Lower

Actual:
0 ft.

E DESIGNATION:
Tax Lot(s): 15
E-No: E-221
Effective Date: 3/11/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP033K
Ulurp Number: 090047ZMK
Zoning Map No: 16c
Description: Air Quality - HVAC fuel limited to natural gas
Borough Code: BK
Community District: 306
Census Tract: 77
Census Block: 1000
School District: 15
City Council District: 39
Fire Company: E279
Health Area: 38
Police Precinct: 076
Zone District 1: M2-1
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: M2-1
All Components2: Not reported
Split Boundary Indicator: N
Building Class: Z9
Land Use Category: Not reported
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: WOODEN BRIDGE
Lot Area: 000029153
Total Building Floor Area: 00000135000
Commercial Floor Area: 00000112000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000112000
Floor Area,Total Bld Source Code: 7
Number of Buildings: 00002

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Number of Floors: 002.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0207.00
Lot Depth: 0155.00
Building Frontage: 0039.00
Building Depth: 0021.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000148500
Total Assessed Value: 00000211500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1931
Year Built Code: Not reported
Year Altered1: 1998
Year Altered2: 2000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0004.63
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3004520015
Condominium Number: 00000
Census Tract 2: 0077
X Coordinate: 0987113
Y Coordinate: 0186291
Zoning Map: 16C
Sanborn Map: 301 058
Tax Map: 30204
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 15
E-No: E-322
Effective Date: 3/18/2013
Satisfaction Date: Not reported
Ceqr Number: 08DCP033K
Ulurp Number: 130226CMK
Zoning Map No: 16c
Description: Air Quality - HVAC fuel limited to natural gas
Borough Code: BK
Community District: 306
Census Tract: 77
Census Block: 1000
School District: 15
City Council District: 39

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Fire Company:	E279
Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M2-1
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	Z9
Land Use Category:	Not reported
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	WOODEN BRIDGE
Lot Area:	000029153
Total Building Floor Area:	00000135000
Commercial Floor Area:	00000112000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000112000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0207.00
Lot Depth:	0155.00
Building Frontage:	0039.00
Building Depth:	0021.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000148500
Total Assessed Value:	00000211500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	1998
Year Altered2:	2000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0004.63
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004520015
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0987113
Y Coordinate:	0186291

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Zoning Map:	16C
Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	15
E-No:	E-322
Effective Date:	3/18/2013
Satisfaction Date:	Not reported
Ceqr Number:	08DCP033K
Ulurp Number:	130226CMK
Zoning Map No:	16c
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	306
Census Tract:	77
Census Block:	1000
School District:	15
City Council District:	39
Fire Company:	E279
Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M2-1
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	Z9
Land Use Category:	Not reported
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	WOODEN BRIDGE
Lot Area:	000029153
Total Building Floor Area:	00000135000
Commercial Floor Area:	00000112000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000112000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0207.00
Lot Depth:	0155.00
Building Frontage:	0039.00
Building Depth:	0021.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000148500
Total Assessed Value:	00000211500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	1998
Year Altered2:	2000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0004.63
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004520015
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0987113
Y Coordinate:	0186291
Zoning Map:	16C
Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	15
E-No:	E-322
Effective Date:	3/18/2013
Satisfaction Date:	Not reported
Ceqr Number:	08DCP033K
Ulurp Number:	130226CMK
Zoning Map No:	16c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	306
Census Tract:	77
Census Block:	1000
School District:	15
City Council District:	39
Fire Company:	E279

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M2-1
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	Z9
Land Use Category:	Not reported
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	WOODEN BRIDGE
Lot Area:	000029153
Total Building Floor Area:	00000135000
Commercial Floor Area:	00000112000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000112000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0207.00
Lot Depth:	0155.00
Building Frontage:	0039.00
Building Depth:	0021.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000148500
Total Assessed Value:	00000211500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	1998
Year Altered2:	2000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0004.63
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004520015
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0987113
Y Coordinate:	0186291
Zoning Map:	16C

LOT 15,TAXBLOCK 452 (Continued) **S109527599**

Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I64 **400 CARROLL ST** **NY Spills** **S102401891**
WSW **400 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.088 mi.
467 ft. **Site 3 of 6 in cluster I**

Relative:
Lower

Actual:
0 ft.

SPILLS:

Facility ID:	9605780
Facility Type:	ER
DER Facility ID:	99667
Site ID:	114271
DEC Region:	2
Spill Date:	7/31/1996
Spill Number/Closed Date:	9605780 / 2/28/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	8/5/1996
CID:	322
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/5/1996
Spill Record Last Update:	2/28/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ANDREW LEIDER
Contact Phone:	(718) 522-7400
DEC Memo:	Not reported
Remarks:	property was a fuel storage area 30 yrs ago - then property wasa demolition waste transfer station - now property is in bankrupsy - attorney for prospective buyers hired caller for phase 1 & phase 2 investigation - conatminated soil & water found * * * * request call

400 CARROLL ST (Continued) **S102401891**

back * * * * * * *

Material:

Tank Test:

Facility ID:	9705145
Facility Type:	ER
DER Facility ID:	99667
Site ID:	114272
DEC Region:	2
Spill Date:	7/29/1997
Spill Number/Closed Date:	9705145 / 7/29/1997
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	7/29/1997
CID:	211
Water Affected:	Not reported
Spill Source:	Vessel
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/29/1997
Spill Record Last Update:	7/30/1997
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	FF BARRY
Contact Phone:	(917) 769-0483
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"CALLED FIRE HAZMAT, READINGS BELOW LEL, AND DEP WAS CALLED. WILL HANDLE. NO ACTION BY DEC.
Remarks:	caller reports above address is vacant commercial bldg that was on fire - inside bldg a boat was being stored and due to fire gas tank ruptured - no clean up - product was absorbed by ground

Material:

Site ID:	114272
Operable Unit ID:	1051131
Operable Unit:	01
Material ID:	334368
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons

400 CARROLL ST (Continued) **S102401891**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0400876
Facility Type: ER
DER Facility ID: 99667
Site ID: 316403
DEC Region: 2
Spill Date: 4/25/2004
Spill Number/Closed Date: 0400876 / Not Reported
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: AXDORONO
Referred To: BCP SITE - JOHN GRATHWOL IS PM
Reported to Dept: 4/26/2004
CID: 406
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 4/26/2004
Spill Record Last Update: 8/28/2013
Spiller Name: DAVID LESKEWITZ
Spiller Company: WOODEN BRIDGE REALTY LLC
Spiller Address: 388 CARROLL ST.
Spiller City,St,Zip: BROOKLYN, NY 11796
Spiller Company: 001
Contact Name: DAVID LESKEWITZ
Contact Phone: (917) 783-2270
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"Prior spill number was 9605780 which said that the site was a demolition waste transfer station and a fuel storage area. The area was contaminated with petroleum soil & groundwater impacts.In approx 2001 two large residential condos were built on the site with an open spill number.The spill case was closed in early 2003 for "no recent activity"4/26/2004 TradeWinds Environmental found a UST on site between 4,000 and 6,000 gal (#6 oil). The tank is being pumped out, but the tank is too close to the condo foundation to be removed safely. Steve Gordon would like to talk with the DEC rep about remediation options6/23/04 Tipple spoke with Doug from Tradewinds site status requested//6/24/04 tipple spoke with owner, S.Gordon formerly with Tradewinds and D. Yudelson esq. The owner is currently looking into entering into a Brownfields Cleanup. Will keep DEC updated// tanks removed were encased in concrete and photos were taken//Gordon stated that no soil contamination was observed adjacent to the tanks at the time of removal06/20/06: This spill is

400 CARROLL ST (Continued) **S102401891**

transferred from Mr. Koon Tang to Q.Abidi.Called to Jan Belessimo, Trade Wynds Environmental at (800)282-8701 she said that she will talk to her Project Manager regarding spill and she will call me back. -QA06/30/06: Contacted to Ms.Jan Bellessimo because she faxed me only waste manifest of the spill She will talk to her supervisor Mr. R.D.Baldwin to send a clean up confirmation letter to me. -QA07/05/06: Called to Ms. Jane Bellessimo and reminded her to talk to her boss for cleanup confirmation letter. -QA07/25/06: Contacted Jane, she said she will fax me today the closing confirmation letter. -QA08/09/06: Called Ms. Jane Belessimo regarding spill closing confirmation letter and left message to call me back. -QA09/12/06: Mr Argie Balgwin called me and said after talking to his attorney that he will send me a confirmation letter to close the spill. -QA10/25/06: Called Mr. Argie Balgwin (516)779-7824 and left message to call me back regarding closing confirmation letter for the spill. -QA11/16/06: Called Jan Belessimo about information of spill, she said that she will talk to her boss and call me. -QA11/27/06: Called Jan Belessimo about information of spill and left message to call me back. -QA12/14/06: Called Ms. Jan Belessimo regarding information of the spill. She said that she had already sent to me whatever waste manifest report Tradewinds Environmental has. Some other party worked for this spill. She gave attorney's name and phone number.Mr. David Yudelson (attorney) (212)421-2150. -QA12/18/06: This spill is being handled by Department's of Brownfield Program (Central Office). I don,t need not to work on this spill. -QA05/14/07: Called Mr. David Yudelson at (212)421-2150 to discuss the spill. He was not there, left message to call me back. -QA05/18/07: Called Mr. David Yudelson (Attorney) at (212)421-2150 to discuss if this spill has been terminated from BCP program or not. He said, he will contact client and find out about it then he will call me back. -QA12/04/2007: This spill case was transferred to A. Doronova. AD02/08/2008: Called and left messages to A. Baldwin, D. Yedelson and spoke with Ms. Jan Belessimo of Trade-Wynds Env. regarding this site. She was not sure if their company is still involved with the site. She will call back later with some information. AD03/03/2008: Spoke with J. Belessimo of Trade-Wynds Env., she told me that they no longer work for this site. Called and left a message to D. Yedelson. AD03/04/2008: Received a call from D. Yedelson. He represents both property seller and potential buyer. Contract to be signed sometime in summer 2008. The buyer plans to redevelop the site. Neighbor property on 363 Bond Street which is currently under NYSDEC spill #0501697 is also in this contract but represented by other parties. Spoke with J. Kolleeny of DEC regarding this site. AD03/13/2008: Spoke with D. Yedelson regarding a submission of all investigation reports and scheduling a meeting with all involved parties to discuss the site situation and remediation. Possible STIP. AD03/20/2008: Received an email from John Grathwol from Albany. Local community group - FROGGs was concern about the site redevelopment and John scheduled a phone call for March 21, 2008 with FROGGs' representative to answer their questions. Sent an email to V. Brevdo of DEC with brief site status update, which was then forwarded to J. Grathwol. AD03/25/2008: Left a message to D. Yedelson regarding reports submission. He returned my call later, said that all reports are ready and he will email them to me today or tomorrow. Informed him about concerns from local organization. Told him that after I finish to review reports we will schedule a meeting. AD03/28/2008: Received old reports via email, downloaded them to eDocs. Will review. AD10/03/2008: Spoke with D.

400 CARROLL ST (Continued) **S102401891**

Yudelson - attorney regarding situation with this site. He told that the owner wants to reapply for BCP project and that they applied for re-zoning, which will be decided in April, 2009. AD10/15/2008: Received an email from Mr. Yudelson saying:"Ainora - I am having a comprehensive report prepared by ELM for theCarroll Street/Bond Street sites which will show all existing data. Iwill forward it as soon as it is done. Dave" AD10/22/2008: Received an inquiry from Vadim Brevdo of DER regarding status of this spill. Inquiry came to Commissioner from City Councilman DeBlasio. Informed Vadim about situation with this case. Spoke with D. Yudelson. Env. Liability Management (ELM) preparing a summary report with conclusions and recommendations for remedial actions. Project manager - Mimi Raygorodetsky. AD10/27/2008: Sent an email to D. Yudelson saying:"Dear Mr. Yudelson,As per our previous phone conversation, please be advised that the Department requests to expedite the submission of the summary report for the above-referenced sites. The report should be submitted no later that November 14, 2008 and should include a remedial action plan. Feel free to contact me if you have any questions or comments.Sincerely,Ainura Doronova"AD11/13/2008: Called and left a message to D. Yudelson regarding the report submission. later received an email from him saying: "Ainura- got your voicemail but I am in a meeting. ELM is working on the report since your request and we should have it very shortly. I will find out the exact date and I will respond to you. Dave"and"Ainura - The effort to compile and synthesize all the prior work is taking a little longer than expected to make it understandable. I believe we will deliver the summary report next weds. Please let me know if this presents a problem so that we can avoid having anyone work overnight or on the weekend!!!"Postponed the report submission till November 21, 2008, but said that it is final. AD11/21/2008: called and left a message to D. Yudelson regarding the report submission.Later in the day received an email from M. Raygorodetzky saying:"Ms. Doronova, On behalf of Dave Yudelson of Sive, Paget & Riesel and Toll Brooklyn,LP, please find attached an electronic copy of the RemedialInvestigation Report an Conceptual Remedy for the Toll Brooklyn, LLCsite in Brooklyn, NY. A hard copy (with a CD containing previousstudies) will be delivered to your office via Federal Express on Monday. The site is comprised of three adjacent parcels of land that are subjectto three active spill listings: 363 Bond Street (Spill # 05-01697)365 Bond Street (Spill # 04-07393)400 Carroll Street (Spill # 04-00876) We look forward to working with you to remediate this site. Regards, Mimi Raygorodetsky | AssociateTel: 212.962.4301 ext.311 | Fax: 212.962.4302 | Mobile: 917.952.9906 mraygorodetsky@elmofny.com "DL the report to eDocs. Will review. ADReviewed the report. It includes conceptual RAP with proposal to excavate contaminated soil. AD01/05/2009: Spoke with M. Raygorodetsky regarding submission of the actual RAP. She told me that their company does not have contract yet to perform the remediation. She will speak with the owner and then call back. AD01/12/2009: Received an email from M. Raygorodetsky saying:"Hello Ainura, We spoke last week about the timing of submission of a RAWP for the TollGowanus Site, which is subject to three spill numbers: 0501697, 0407393,and 0400876.I've spoken with the client, Toll Brooklyn, LLC and the environmentalattorney, Dave Yudelson of Sive Paget & Riesel, PC about the timing ofRAWP preparation. We will be finishing our draft of the RAWP this weekand providing it to our client for review. We hope to have a RAWP foryou the week of January 19. Please let Dave Yudelson or me know if you

400 CARROLL ST (Continued) **S102401891**

have any comments orquestions. MimiMimi Raygorodetsky | AssociateTel: 212.962.4301 ext.311 | Fax: 212.962.4302 | Mobile: 917.952.9906"02/09/2009: On January 26, 2009 received this email from M. Raygorodetsky saying:"Hello Ainura, I wanted to let you know that we were slightly delayed in getting ourRAWP submission to you last week. We are pulling together the finalloose ends on the RAWP and hope to have something for you by the end ofthe week. I apologize for the delay. Thanks,Mimi Raygorodetsky"Received RAP by Env. Liability Management. DL to eDocs. Will review. ADReviewed the RAP.It proposes excavation of the hot spots in the vicinity of the well MW-5 and soil boring SB-1 down 2 feet into the water table. Excavation in these areas will advance laterally in all directions until no further evidence of free product remains. ELM also proposes to implement in-place soil stabilization or chemical oxidation in areas where elevated concentrations of BTEX and SVOCs are present. According to a Phase II Site Investigation report for 400 Carroll Street, 3 1,500-gallon UST were removed from the site in 2004. No UST closure report was submitted to DEC. Location of the former UST area is not depicted at the site's plan. AD03/17/2009: Called and left a message to M. Raygorodetsky (MR) of ELM. AD03/20/2009: Called and had a conference call with MR and D. Yudelson (attorney) regarding the submitted RAP. Asked them, if there are any residential buildings in the vicinity of the site. Some of them are one block away from the subject property. Also, requested to submit a Figure 5 from the RAP with locations of the 3 former 1,500-gallon USTs, which were removed in 2004. Number of injection points for the oxidation will be given later in an addendum to the RAP, if this approach will be selected. GPS to identify any other USTs will be implemented after buildings on the site will be demolished. Will discussed this site with J. Kolleeny. AD03/25/2009: Discussed the RAP with J. Kolleeny. He indicated a contaminated area which should be included in remediation. Asked him about proposed soil stabilization method. Will wait for the submission of the requested information. AD04/08/2009: Called and left a message to D. Yudelson. Spoke with him later. Requested to submit all UST closure reports for all applicable parts of the project. Also asked if any remedial actions are planned for area of soil boring SB-3 on 363 Bond Street, which indicated high petroleum contamination. AD04/27/2009: Called and left a message to D. Yudelson. Requested to expedite the submission of the data. Spoke with him later. AD04/29/2009: Received an e-mail from D. Yudelson saying:"Ainura, I know that you asked for information on the tank removal, a registration correct and information about remedial response for sb3. Did I miss anything? I want to send a letter in respectfully requesting more time (a few weeks) to gather the information because the Superfund listing proposal for the site has all team members tied up and the project may die if we don't focus on that. DaveDavid S. YudelsonPartnerSive, Paget & Riesel P.C.460 Park AvenueNew York, NY 10022917 295 6449"Sent him a reply, stating all information, which should be submitted to us. AD05/13/2009: Received a letter from D. Yudelson with a request to postpone data submission till June 15, 2009. Approved the request. AD06/18/2009: Called and spoke with D. Yudelson regarding the requested data submission. He told me that they have prepared the report and will send it with today's mail. AD06/19/2009: Received an e-mail from Basil Borisov of ELM saying:"Ms. Doronova,Attached is the Addendum to the Remedial Action Plan for the 363-365 Bond Street and 400 Carroll Street properties in Brooklyn, NY.A hard copy of the Addendum is being sent

400 CARROLL ST (Continued) **S102401891**

to your offices by FedEx.If you have any questions or concerns, please don't hesitate to contact us or David Yudelson at Sive Paget & Riesel.Sincerely,BASIL BORISOV | Project ManagerTel 212.962.4301 ext 304 | Fax 212.962.4302 | Cell 646.895.2943"DL pdf copy to eDocs. AD06/23/2009: Received hard copy of the Addendum to the RAP. Will review. AD06/24/2009: Reviewed the Addendum to the RAP.It proposes remediation in the vicinity of hot spot SB-3 as was requested by DEC. The addendum also includes a plan of 400 Carroll Street with locations of former USTs field. While no formal end-point sampling was performed as part of UTSs removal, ELM had subsequently installed one soil boring SB-9, one monitoring well MW-1 and one test pit TP-5 in the former USTs area as part of the Phase II ESI. Excavation in these areas will advance laterally in all directions until no further evidence of free product remains. ELM submitted more detailed explanation of in-place soil stabilization method, which was proposed for areas where elevated concentrations of BTEX and SVOCs are present. A bench-scale mixing study will be performed to select site-specific stabilization mix. Discussed the plan with J. Kolleeny of DER and possibility of excavation in the area of SB-3. Called and spoke with Jim Harrington - Chief Technology Section of Division of Environmental Remediation, Albany regarding application of soil stabilization method in NYS. Changed site priority from P0 to P1. AD06/25/2009: Sent to Mr. Harrington the Addendum to the RAP via e-mail for review. AD07/02/2009: Met with Mr. Harrington to discuss the feasibility of application of the soil stabilization method for this particular site. His opinion was that the site is a good candidate for the soil stabilization. A work plan for bench-scale mixing study should be submitted to DEC for review and approval. AD07/22/2009: Called and spoke with David Yudelson (attorney) regarding excavation of SB-3 area and a work plan for bench-scale mix study. He agreed to make these changes and asked for an e-mail request from DEC. He also mentioned that soil stabilization methods was approved by MGP of DEC (Albany) for Nyack MGP Site. Will send him e-mail. AD07/23/2009: Sent the e-mail to D. Yudelson with the following remarks to the Addendum to RAWP: - A work plan for bench-scale mix study should be submitted to DEC for its review and approval; - An excavation should be proposed for the area in the vicinity of SB-3 instead of in-situ remediation.Also, asked to provide me with information on the MGP site, where the soil stabilization method was approved by DEC. AD09/02/2009: Called and left a message to D. Yudelson regarding submission of bench-scale mix study WP. AD09/03/2009: Received an e-mail from Mr. Yudelson which states that ELM is working on the work plan. AD09/22/2009: Received an e-mail from Mr. Yudelson that he had received the work plan from ELM and now is in a process of reviewing it. The WP will be submitted to DEC shortly. AD10/15/2009: Received an e-mail from D. Yudelson with attached work plan for bench-scale mixing study. Dl to eDocs. Will review. AD11/06/2009: Reviewed the work plan for bench-scale study. Discussed the work plan with Jim Harrington of DER Albany. Mr. Harrington made a few comments to the submitted work plan. The necessary changes to the proposed work plan will be required from the consultant before the work plan approval. AD11/10/2009: Called and left a message to Mr. Yudelsom regarding the work plan modifications. AD01/20/2010: Called and spoke with D. Yudelson regarding the revised work plan for bench-scale mixing study. Requested to expedite the submission of the plan. He will contact ELM and get back to us. AD01/28/2010: Received an e-copy of the revised work plan. DL to

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

400 CARROLL ST (Continued) **S102401891**

edocs. Will review. AD02/02/2010: Reviewed the revised bench-scale mixing study work plan for the Toll Brooklyn Site, and it seems that all the requested changes were made. AD02/03/2010: Forwarded the work plan to Jim Harrington. AD02/04/2010: Discussed the revised plan with J. Harrington and J. Kolleeny. Issued an approval letter to Mr. Yudelson. DL copy to eDocs. AD03/2010: This site was recently listed as Superfund as a part of Govanus Channel. 04/27/2010: Called and spoke with D. Yudelson regarding the site status. He told that EPA will perform some sampling at the site to study if the site is contributing to the Govanus Channel contamination, and the results will be ready in early fall. Asked him to send me an e-mail summarizing site status. AD04/29/2010: Received an e-mail from Mr. Yudelson (attorney for Toll Brothers) saying:"AinuraThis email is to confirm that I have met with EPA and EPA indicated they will not be in a position to determine what, if any, remedial activities they will require at the Bond Street properties regarding the Superfund Site until the fall. I expect to meet with them again and will inform you if anything changes. Dave(917)295-6449"AD06/2010: Called and spoke with Mr. Yudelson. He told me that Toll Brothers is no longer interested in buying the site, after it was listed as a Superfund site. Mr. Yudelson gave me a contact info in EPA: Mr. Brian Carr, phone: (212)637-3170. AD06/23/2010: Received a phone call from Mr. Brian Carr of EPA, phone: (212)637-3170. He told me that they performed some sampling at the site. He gave a contact info for the owner of the 400 Carrol Street site: Mr. David Levkowitz, phone: (917)838-2270. Discussed the site with J. Kolleeny and Vadim Brevdo of DEC. AD07/2010: Called and spoke with Mr. Yudelson regarding the site cleanup plans. AD07/26/2010: Called and spoke with Mr. Levkowitz. He asked to contact his attorney - Mr. Yudelson. Called and left a message to D. Yudelson. AD07/28/2010: Received a call from D. Yudelson. He told me that he is discussing the remedial option for the site with Mr. Levkowitz, and they considering to perform an excavation of the contaminates soil instead of the previously proposed soil stabilization. He is going to meet with Mr. Phillips - owner of 363 Bond Street site regarding the site cleanup and will contact us later with the results. Told him that a stipulation agreement should be signed by the site owners. AD12/03/2010: Received an e-mail from D. Yudelson saying:"Ainura, BrianHappy holidays! Attached please find a proposed remedial action plan for the 400 Carroll Street property. It provide for excavating and offiste disposal of the petroleum contaminated soil. Lets schedule a meeting or call to discuss this and scheduling issues. Dave"DL pdf copy of the RAP. Will review. AD12/23/2010: Reviewed the RAP. Although soil stabilization was initially proposed, and approved by DEC, now the consultant proposes excavation and disposal of soils in the "hot spot" areas, that were previously intended for soil stabilization, as more appropriate alternative. PWGC is proposing that soils in the three "hot spot" areas be excavated to a depth of approximately seven feet below grade. Since the project site is located on the Gowanus Canal, they will install soil erosion and sediment controls prior to excavation activities. They note that this RAP is intended to address petroleum impacted soils in order to obtain closure of the NYSDEC Spill File. They will not address historic fill material containing elevated concentrations of SVOCs and metals. AD01/2011: Called and spoke with David regarding a meeting to discuss the proposed RAP with him and EPA. He said that the meeting will be scheduled after EPA will review the work plan. AD04/20/2011: Called and left a message to

400 CARROLL ST (Continued) **S102401891**

D. Yudelson regarding the meeting. AD04/26/2011: Did not receive any response. Called again and left a message. AD05/10/2011: Called and spoke with David Yudelson regarding the meeting. Told him to schedule it after June 20th, when I will return from vacation. AD06/30/2011: Called and left a message to David. AD07/01/2011: Received a phone call from Mr. Yudelson. He said that he had a meeting with EPA last week. Requested why I was not informed about this meeting. Mr. Yudelson said that this meeting was regarding EPA's requirements to a proposed RAP. Required him to send me a summary e-mail. AD07/07/2011: Received an e-mail from David saying:"Ainura This email confirms our telephone conversation that we have been working with EPA and the owner is prepared to implement the RAP we had previously submitted to you. The work would be undertaken in the fall. Please confirm the RAP, which provides for excavation and offsite disposal is approved . Dave"Since this RAP was submitted to DEC in December of 2010 to require Mr. Yudelson to resubmit the work plan with a current date. Discussed with J. Kolleeny the proposed RAP. Post-excavation end-point soil samples from the bottom of the excavation should be collected. Called and left a message to Mr. Yudelson regarding submission of RAP with a current date. AD07/19/2011: Received the requested RAP. Sent an approval letter to Mr. Yudelson. DL pdf copy of the letter to eDocs. AD10/14/2011: Sent an e-mail to D. Yudelson requesting site status update info. AD11/30/2011: Called and spoke with D. Yudelson regarding site status update. He told me that they are waiting for excavation permit from DOB to start remediation. he will inform me before start of field work. AD01/2012: Called and spoke with D. Yudelson regarding RAP implementation at the site. AD04/25/2012: Sent an e-mail to D. Yudelson with a request for site status update. AD04/27/2012: Received an e-mail from Mr. Yudelson with a request for a site discussion over the phone for Monday, April 30, 2012. Responded to him that I will be off on Monday, and sudgested Tuesday. AD05/02/2012: Called and spoke with Mr. Yudelson. He informed me that all three parsels are now under contract for purchase by Lightstone Group, which plans to redevelop the sites as rental properties. Revised work plan for 363 Bond Street and 365 Bond Street will be submitted to DEC for review and approval. Asked Mr. Yudelson to send me a summary e-mail. AD05/10/2012: Received the following e-mail from D. Yudelson:"AinuraIn response to your request, this is a status report on 400 Carroll Street. The owner has executed a contract of sale to sell the property to an entity that is also seeking to purchase the two other properties that constitute the former Toll Bros development project (363 and 365 Bond). It is expected that remedial work will begin in the fall. Let me know if you need any additional information. Dave" 11/13/2012: Received the following e-mail from D. Yudelson:"Ainura Attached is a remedial investigation work plan for the three sites to better delineate the hotspots fpr preparation of an excavation based RAP. Please let me know if this is acceptable. Thanks Dave"Looked at the work plan. The size of it is about 130 MGB. called and left a message to Dave with request to decrease the size of the submitted work plan, and to submit a hard copy of the work plan as well. AD11/16/2012: Received a short PDF version of the report (only work plan included). Spoke with D. Yudelson. Hard copy is in the mail. AD11/20/2012: Received a hard copy of the work plan. Will review. AD12/04/2012: Attended a meeting with City OER regarding the proposed work plan. OER involved bacause the site has "E" designation. OER wants to add few more soil borings and one more well. Discussed the site. Will review OER requests to

400 CARROLL ST (Continued) **S102401891**

the submitted work plan. Sent an e-mail to D. Yudelson with a request to submit data tables with a bigger font size. AD12/06/2012: Reviewed the work plan. It proposes to advance 18 soil boring with collection of soil samples, 3 groundwater monitoring wells and a total of 20 shallow and 10 deeper soil gas sampling. There are few discrepancies in numbers of soil boring samples and soil gas samples on pages 34, 35, 36 and 37. Also the proposed soil sampling interals are questionable. Called and spoke with D. Yudelson regarding number of question which arised during the work plan review. Later sent the following e-mail with all questions and requirement to D. Yudelson:"Dave: In regards to the submitted investigation work plan, I need answers on the following questions: 1. Total number of site-related wells;2. Were all soil and groundwater samples analyzed for the full list of compounds;3. Why there are discrepancies in the number of soil samples from the proposed soil borings and in the number of soil vapor samples in the work plan (pgs: 34, 35, 36, 37);4. Why Langan proposing to sample the same locations they already sampled for the part 1 of Due Diligence; 5. What will be the sampling intervals for the 18 proposed soil borings, and why; Also I would like to mention that all summary tables with analytical data in the next reports from Langan should include a row with TVOCs and TSVOCs data, and the data should be in part per billion. Thank you, Sincerely,Ainura Doronova"Spoke with D. Yudelson again, requested to revise the work plan, correct all typos, include the revised site map with new location for soil borings and wells suggested by OER and to submit it to DEC for review.Received some correspondence from Cavy Chu of OER regarding the project. Told her about DEC requirements. She will fax the site map with the revised locations for soil borings and monitoring wells to D. Yudelson tomorrow. Discussed all changes with J. Kolleeny of DEC. AD12/07/2012: Received an e-mail from D. Yudelson saying:"Ainura and Cavy - Please see the attached Text, Table and Figure revisions which incorporate the comments that both of you have made. Additionally Ainura, I have addressed your comments below. Cavy, your comments were addressed as we spoke and I did add a couple QA/QC samples to the program.Please call with any questions that you may have and thank you very much for your review of this workplan.RegardsChristopher McMahon Project Geologist Direct: 201.398.4535Mobile: 201.218.2339 Langan Engineering & Environmental Services Cc: Chu, CavySubject: Bond Street Sites Dave: In regards to the submitted investigation work plan, I need answers on the following questions: 1. Total number of site-related wells;Including the wells proposed as part of this workplan, there are 8 wells on the 365 Bond Street site; 7 wells on the 363 Bond Street property and 2 wells on the 400 Carroll Street property.2. Were all soil and groundwater samples analyzed for the full list of compounds;The majority of the samples collected were analyzed for the full list of compounds; however, the list of compounds was restricted on some of the samples due to being AOC specific. A summary of all of the sampling, including the compounds analyzed is provided in Table 1.3. Why there are discrepancies in the number of soil samples from the proposed soil borings and in the number of soil vapor samples in the work plan (pgs: 34, 35, 36, 37);Addressed in the text.4. Why Langan proposing to sample the same locations they already sampled for the part 1 of Due Diligence;Co-located boring locations will be installed to sample depth intervals that were not included in the Due Diligence investigation.5. What will be the sampling intervals for the 18 proposed soil borings, and why;This information is provided in the

400 CARROLL ST (Continued) **S102401891**

text as well as in Table 10. All discrepancies have been revised. Also I would like to mention that all summary tables with analytical data in the next reports from Langan should include a row with TVOCs and TSVOCs data, and the data should be in part per billion." Looked at the revised work plan. Langan proposes advancement of 19 soil borings, five out which will be finished as a groundwater monitoring wells. There are again discrepancies in number of the soil and soil vapor samples on pages 33 to 37 in the revised work plan. Called and spoke with Cavy Chu of OER. She said that her requirements regarding number of soil vapor samples were not addressed, and that the proposed soil vapor sampling intervals and number of the proposed soil vapors are confusing. Called and spoke with D. Yudelson few times regarding the revised work plan. Requested to address OER requirements, to omit repetitions in the work plan on the pages 33 to 37, to correct typos, and to clarify soil sampling intervals.
AD01/23/2013: Received a hard copy of the revised RIWP. Will review.
AD01/25/2013: Reviewed the revised RIWP. DEC and OER requirements were addressed in this work plan. The revised RIWP proposes a supplemental investigation involving the drilling of 19 soil borings with collection of soil samples, the installation of five permanent groundwater monitoring wells followed by collection of groundwater samples, and the collection of 30 soil vapor samples. An investigation summary report with conclusions and recommendations for further actions will be prepared and submitted to DEC. Later in the day I was copied on the following e-mail from Chu cavy of OER:"Hi, Chris. OER has reviewed the latest version of the Final RIWP and has no more comments on the document. Please note that you will need DEC approval to move the work plan forward.Thanks,CavyCavy Chu, PEAssistant Director. OER"AD01/29/2013: Discussed the final version of the RIWP with J. Kolleeny of DEC. issued an approval letter to D. Yudelson. DL pdf copy of the letter to eDocs. ADThe site entered into BCP program (Albany). The site manager is John Grathwol. AD

Remarks: Were excavating on the property and found a tank in the ground that know one knew was there. The vent was missing on the tank causing the spill. Pumped the tank so far and have not yet removed the tank due to weather. removed 3000 gal of straight product so far.

Material:
- Site ID: 316403
- Operable Unit ID: 885034
- Operable Unit: 01
- Material ID: 492114
- Material Code: 0003A
- Material Name: #6 Fuel Oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 6
- Units: Gallons
- Recovered: 6
- Resource Affected: Not reported
- Oxygenate: False

Tank Test:
- Site ID: 316403
- Spill Tank Test: 1529203
- Tank Number: Not reported
- Tank Size: 6000

400 CARROLL ST (Continued) **S102401891**

- Test Method: 00
- Leak Rate: 0
- Gross Fail: Not reported
- Modified By: Spills
- Last Modified: 10/1/2004
- Test Method: Unknown

I65 **408 CARROLL ST/BKLYN** **NY Spills** **S102141903**
WSW **408 CARROLL ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.092 mi.
488 ft. **Site 4 of 6 in cluster I**

Relative:
Lower

Actual:
-1 ft.

SPILLS:
- Facility ID: 8901773
- Facility Type: ER
- DER Facility ID: 221764
- Site ID: 272473
- DEC Region: 2
- Spill Date: 5/22/1989
- Spill Number/Closed Date: 8901773 / 12/4/1994
- Spill Cause: Unknown
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS: 2401
- Investigator: TOMASELLO
- Referred To: Not reported
- Reported to Dept: 5/22/1989
- CID: Not reported
- Water Affected: GOWANUS CANAL
- Spill Source: Unknown
- Spill Notifier: Local Agency
- Cleanup Ceased: Not reported
- Cleanup Meets Std: False
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 0
- Date Entered In Computer: 5/22/1989
- Spill Record Last Update: 2/6/2003
- Spiller Name: Not reported
- Spiller Company: VICTOR TRANSPORT CO
- Spiller Address: Not reported
- Spiller City,St,Zip: ZZ
- Spiller Company: 001
- Contact Name: Not reported
- Contact Phone: Not reported
- DEC Memo: Not reported
- Remarks: OIL GOING INTO GOWANUS CANAL, DEC TO INVESTIGATE.

Material:
- Site ID: 272473
- Operable Unit ID: 927738
- Operable Unit: 01
- Material ID: 449506
- Material Code: 0066A
- Material Name: UNKNOWN PETROLEUM

408 CARROLL ST/BKLYN (Continued) **S102141903**

Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

G66 **SPILL NUMBER 9809650** **NY Spills** **S104648107**
NNW **505 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.094 mi.
497 ft. **Site 2 of 2 in cluster G**

Relative:
Lower

Actual:
0 ft.

SPILLS:
Facility ID: 9809650
Facility Type: ER
DER Facility ID: 85468
Site ID: 95566
DEC Region: 2
Spill Date: 11/2/1998
Spill Number/Closed Date: 9809650 / 11/4/2002
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 11/2/1998
CID: 266
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/2/1998
Spill Record Last Update: 11/8/2002
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"e2mis notes 12096611/2/98 0905HRS--J.EGAN U/G O.S. REPORTS FOUND 1-QUART OF UNKNOWN OIL ON 600 GALLONS OF WATER.IN, M56074,CONTAINED NO SEWERSOR WATERWAYS EFFECTED,SAMPLE TAKEN TAG#03931 PLACED----------G ,DONATONELAB RESULT RECEIVED 11/2/98 - 1745. 98-11974. <1.0 PPM. UPDATE: 11/12/98 - 1700D. BANKHEAD - 64999

SPILL NUMBER 9809650 (Continued) **S104648107**

Remarks: - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #03931 REMOVED. INCIDENT IS CLOSED. MANHOLE 56074. 1 QUART IN MANHOLE. NO SEWERS OR DRAINS. SAMPLES TAKEN. TO BE CLEANED UP PENDING TESTS RESULTS. CON EDISON REFERENCE NUMBER 120966.

Material:
Site ID: 95566
Operable Unit ID: 1066882
Operable Unit: 01
Material ID: 313549
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F67 **EDR US Hist Auto Stat** **1015559087**
ESE **576 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.095 mi.
503 ft. **Site 15 of 16 in cluster F**

Relative:
Higher

Actual:
19 ft.

EDR Historical Auto Stations:
Name: PARK WEST AUTO CARE INC
Year: 2001
Address: 576 UNION ST

Name: PARK WEST AUTO CARE INC
Year: 2003
Address: 576 UNION ST

Name: PARK WEST AUTO BODY INC
Year: 2004
Address: 576 UNION ST

Name: PARK WEST AUTO BODY INC
Year: 2006
Address: 576 UNION ST

Name: PARK WEST AUTO BODY INC
Year: 2007
Address: 576 UNION ST

Name: PARK WEST AUTO BODY INC
Year: 2008
Address: 576 UNION ST

Name: PARK WEST AUTO CARE INC
Year: 2009
Address: 576 UNION ST

(Continued) **1015559087**

Name: PARK WEST AUTOBODY INC
Year: 2010
Address: 576 UNION ST

Name: PARK WEST AUTOBODY INC
Year: 2011
Address: 576 UNION ST

Name: PARK WEST AUTOBODY INC
Year: 2012
Address: 576 UNION ST

F68 **CON EDISON** **NY MANIFEST** **S113921503**
ESE **578 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.099 mi.
523 ft. **Site 16 of 16 in cluster F**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:
EPA ID: NYP004376315
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 18-Oct-2013 00:00:00
Trans1 Recv Date: 18-Oct-2013 00:00:00
Trans2 Recv Date: 18-Oct-2013 00:00:00
TSD Site Recv Date: 25-Oct-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004376315
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002236802GBF
Import Ind: N
Export Ind: N

CON EDISON (Continued) **S113921503**

Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 2013-10-18
Trans1 Recv Date: 2013-10-18
Trans2 Recv Date: 2013-10-18
TSD Site Recv Date: 2013-10-25
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004376315
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002236802GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

H69 **3RD AVE YARD** **NY Spills** **S104952844**
ENE **222 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.101 mi.
532 ft. **Site 3 of 5 in cluster H**

Relative:
Higher

Actual:
18 ft.

SPILLS:
Facility ID: 0012321
Facility Type: ER
DER Facility ID: 174428
Site ID: 210416
DEC Region: 2

3RD AVE YARD (Continued) **S104952844**

Spill Date:	2/16/2001
Spill Number/Closed Date:	0012321 / 6/23/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	2/16/2001
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/16/2001
Spill Record Last Update:	6/23/2003
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	ANTHONY NATALE
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"Con Ed e2mis #135556:16-FEB-2001 08:30 HRS.STORES DEPT. ASST. STOREKEEPER. G.RAPUZZI EMP# 45646. REPORTS WHILE ON INSPECTION OF STORES BUILDING #2 FOUND A DOUBLEBAGGED JOINT RESERVOIR TANK THAT HAD BEEN PREVIOUSLY REMOVED AND MADE READY FOR SHIPPING TO ASTORIA FACILITY HAD LEAKED APPROX. 6oz OF DIELECTRIC FLUID IN TO A BIGALOW STORAGE CONTAINER AND THEN ON TO A CONCRETE FLOOR. SPILL WAS CONTAINED. ABSORBENT PADS PLACED AT 08:27 HRS. SPILL WILL BE CLEANED AS 50-499.10:15HRS TINO FERNANDEZ (ENV OPS) REPORTS, 6OZ OF OIL OIL SPILL THAT WAS ON GROUND WAS DOUBLE WASHED WITH SLICKS AND CLEANED UP WITH OIL ABSORBENT. 1/2 GALLON SOAKED UP WITH OIL ABSORBENT OUT OF PLASTIC AND CARDBOARD BIGALOW STORAGE CONTAINER. THIS CONTAINER WAS CUT UP AND PUT IN DRUM. LEAKING RESERVIOIR TANK ALSO PLACED IN DRUM. THREE DRUMS OF DEBRIS TOTAL THAT STORES WILL BE SHIPED OUT.
Remarks:	cleanup will be after the 2hrs period - ref #135556

Material:

Site ID:	210416
Operable Unit ID:	833855
Operable Unit:	01
Material ID:	542594
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

3RD AVE YARD (Continued) **S104952844**

Tank Test:

H70 **EDR US Hist Auto Stat** **1015565365**
East **597 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.102 mi.
536 ft. **Site 4 of 5 in cluster H**

Relative:
Higher

Actual:
18 ft.

EDR Historical Auto Stations:

Name:	GINO FOREIGN AUTO COLLISION INCORPORATED
Year:	1999
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INCORPORATED
Year:	2000
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION
Year:	2001
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION
Year:	2002
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION
Year:	2003
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2004
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2005
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2006
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2007
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2008
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION INC
Year:	2009
Address:	597 SACKETT ST
Name:	GINO FOREIGN AUTO COLLISION
Year:	2010
Address:	597 SACKETT ST

(Continued) **1015565365**

Name: GINO FOREIGN AUTO COLLISION INC
Year: 2011
Address: 597 SACKETT ST

Name: GINO FOREIGN AUTO COLLISION INC
Year: 2012
Address: 597 SACKETT ST

J71 **540 PRESIDENT STREET** **NY LTANKS** **S102672075**
ESE **540 PRESIDENT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.105 mi.
555 ft. **Site 1 of 5 in cluster J**

Relative:
Higher

Actual:
21 ft.

LTANKS:
Site ID: 262667
Spill Number/Closed Date: 9211878 / 1/18/1993
Spill Date: 1/18/1993
Spill Cause: Tank Overfill
Spill Source: Commercial Vehicle
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1/18/1993
Cleanup Meets Standard: True
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1/18/1993
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/28/1993
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: HOLMES FUEL CO.
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 214455
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: HOLMES OVERFILLED TANK NYC DOS ON SCENE NOTIFIED CON ED SAND PLACE IN SPILL HOLMES TO COME AND PICK UP CALLED FD HAZ MAT FIREMAN HANK REPORTED THAT SPILLED FROM VENT PIPE CONTAINED ON SIDEWALK CLEANUP

Material:
Site ID: 262667
Operable Unit ID: 976318
Operable Unit: 01

540 PRESIDENT STREET (Continued) **S102672075**

Material ID: 405261
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

K72 **BAYSIDE FUEL OIL DEPOT CORP.** **NY MOSF UST** **S103275956**
NNW **510 SACKETT ST.** **N/A**
< 1/8 **BROOKLYN, NY 11231**
0.108 mi.
569 ft. **Site 1 of 7 in cluster K**

Relative:
Higher

Actual:
10 ft.

MOSF UST:
Id/Status: 2-1220 / ACTIVE FACILITY
SWIS Code: 61
Facility Town: NEW YORK CITY
Contact Phone: (718) 625-5932
Emerg Contact: VINCENT ALLEGRETTI
Emergency Telephone: (718) 625-5932
CBS Number: Not reported
SPDES Num: Not reported
Total Tanks: 2
Total Capacity: 1501000
Avg Throughput: 60000
License Stat: 1
Facility Type: STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options: AC
Expiration Date: 03/31/2005
Applic Rcvd: 01/31/2000
Operator: VINCENT ALLEGRETTI
Owner Name: ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP.
Owner Address: 1776 SHORE PARKWAY
Owner City,St,Zip: BROOKLYN, NY 11214-
Owner Telephone: (718) 372-9800
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: First Owner
Mail To Name: BAYSIDE FUEL OIL DEPOT CORP.
Mail To Address: 1776 SHORE PARKWAY
Mail To Address 2: P.O. BOX 140128
Mail City,St,Zip: BROOKLYN, NY 11214-0002
Mail To Contact: ALFRED ALLEGRETTI
Mail To Telephone: (718) 372-9800
Legal Agent Name: ALFRED ALLEGRETTI
Legal Agent Address: 1776 SHORE PARKWAY
Legal Agent City,St,Zip: BROOKLYN, NY 11214-
Date Filed: 03/65

Tank ID: A-B-C

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S103275956**

Tank Location: UNDERGROUND
Install Date: 12/47
Capacity (Gal): 1500000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: 13
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 13
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 20
Dispenser: Submersible
Test Date: 12/96
Date Closed: Not reported
Latitude: 40|40|50
Longitude: 73|59|20
Status of Data: Complete
Inspected Date: 12/03/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2000
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/16/1999
Federal Id No: Not reported
COI Date: / /

Tank ID: BOILER TANK
Tank Location: UNDERGROUND
Install Date: 12/47
Capacity (Gal): 1000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: 13
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 13
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 24
Dispenser: Suction
Test Date: 08/79
Date Closed: Not reported
Latitude: 40|40|50
Longitude: 73|59|20
Status of Data: Complete
Inspected Date: 12/03/1998
Inspector Initials: AS

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S103275956**

Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2000
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/16/1999
Federal Id No: Not reported
COI Date: / /

K73 **EDR US Hist Auto Stat** **1015530661**
NNW **510 SACKETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11231**
0.108 mi.
569 ft. **Site 2 of 7 in cluster K**

Relative:
Higher

Actual:
10 ft.

EDR Historical Auto Stations:
Name: BAYSIDE FUEL OIL CORP
Year: 2001
Address: 510 SACKETT ST

Name: BAYSIDE FUEL OIL CORP
Year: 2002
Address: 510 SACKETT ST

K74 **BAYSIDE FUEL OIL DEPOT CORP.** **NY MANIFEST** **S109826460**
NNW **510 SACKETT ST** **NY Spills** **N/A**
< 1/8 **BROOKLYN, NY 11231** **NY BROWNFIELDS**
0.108 mi. **NY MOSF**
569 ft. **Site 3 of 7 in cluster K**

Relative:
Higher

Actual:
10 ft.

NY MANIFEST:
EPA ID: NYD981872419
Country: USA
Mailing Name: BAYSIDE FUEL OIL CO
Mailing Contact: BAYSIDE FUEL OIL CO
Mailing Address: 510 SACKETT STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-625-5932

NY MANIFEST:
No Manifest Records Available

SPILLS:
Facility ID: 0902825
Facility Type: ER
DER Facility ID: 364035
Site ID: 414889
DEC Region: 2
Spill Date: 6/9/2009
Spill Number/Closed Date: 0902825 / 2/6/2012

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	6/9/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/9/2009
Spill Record Last Update:	2/6/2012
Spiller Name:	KATE BRUNNER
Spiller Company:	UNKNOWN
Spiller Address:	510 SACKETT ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	KATE BRUNNER
Contact Phone:	(646) 388-1525
DEC Memo:	02-06-12 - LZThe 01-25-12 semi-annual well gauging report (eDocs) and the 02-02-12 request for spill closure (eDocs) show that during two-year gauging of the five monitoring wells at the site no free product was detected except the March 2011 event (less than 0.01 foot in MW-4). Soil contamination was evaluated in the February 2010 revised Site Assessment Report and Remedial Action Plan. The spill case has been closed, and a spill closure letter sent to the facility owner. 04-28-11 - LZThe Annual Well Gauging Summary Report, dated March 18, 2011, prepared by AKRF, Inc. (eDocs) provides results of four quarterly rounds of well inspections. Five site monitoring wells were gauged for LNAPL; no LNAPL was observed in any of the wells in April, July, or October 2010. During both March gauging events, an immeasurable skim layer (less than 0.01 foot) of LNAPL was noted in MW-4. An oil-absorbent sock was placed across the water table in MW-4. AKRF will continue quarterly gauging in accordance with the Revised RAP. The next report to DEC will follow the March 2012 gauging.09/29/10 - LZThe AKRF, Inc., report (eDocs), dated July 28. 2010, provides data from April and July gauging of monitoring wells. No free product was detected in any wells. Next report is due January 2011. 03/24/10 - LZReviewed the February 2010 revised Site Assessment Report (SAR) and Remedial Action Plan (RAP)(eDocs), prepared by AKRF, Inc. Approved the revised submittals and required that the gauging be performed for two years, and reports reflecting the results of it twice a year. NYSDEC may require that the site achieve more stringent SCOs than for industrial use if the site zoning is to be changed or development of the site is inevitable. 12/22/09 - LZThe November 5th revised RAP (eDocs) includes advancing of two additional borings and installation of two monitoring wells. Soil from these borings would be analyzed for the presence of VOCs ans SVOCs. On December 22th, AKRF performed two borings as provided in the revised RAP. A report summarizing December activities and soil analytical results will be

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

	submitted by January 31st. 10/23/09 - LZI has reviewed the October 14, 2009, Remedial Action Plan (RAP), prepared by AKRF, Inc. The RAP proposes installation of a monitoring well in the area where significant contamination was discovered to monitor and remove encountered free-phase product. I disapproved the proposed RAP since it does not address adequately the visual and olfactory contamination detected in borings B-10, B-13, and B-14. A revised RAP should be submitted by November 27, 2009. 08/17/09 - LZIn her letter (eDocs) of June 15, 2009, Kathleen Brunner of AKRF asserts that a investigation report will be submitted by July 17, 2009.08-11-9 - LZDEC approved the site assessment report and in its August 11th letter (eDocs)required a remediation action plan be prepared and submitted by October 14, 2009.
Remarks:	Field tests revealed soil contamination at the above sight. MOSF 2-1220Case Manager name: Leszek Zielinski Stipulation agreement that is in place: R2-20081209-603

Material:

Site ID:	414889
Operable Unit ID:	1171261
Operable Unit:	01
Material ID:	2163053
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9604267
Facility Type:	ER
DER Facility ID:	207605
Site ID:	66574
DEC Region:	2
Spill Date:	6/28/1996
Spill Number/Closed Date:	9604267 / 6/28/1996
Spill Cause:	Deliberate
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	6/28/1996
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/28/1996
Spill Record Last Update: 7/2/1996
Spiller Name: Not reported
Spiller Company: BAYSIDE OIL CO
Spiller Address: 510 SACKETT ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: REPORTING PERSON WORKS FOR BAYSIDE OIL HE WAS ASK TO CLEAN UP MATERAL WHICH IS IN DRUMS AT LOCATION - DRUMS APPEARENTLY ARELEAKING AND HE WOULD NOT CLEAN UP THE MATERAL DUE TO THE HAZARDHE CALLED DEPT OF ENVIRO. PROTECTION WHO INTERN CALLED US- ALONGWITH ABOVE MATERAL THERE IS ALSO LOOSE ASBESTOS ON SITE

Material:
Site ID: 66574
Operable Unit ID: 1031916
Operable Unit: 01
Material ID: 350556
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 66574
Operable Unit ID: 1031916
Operable Unit: 01
Material ID: 350555
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0514992
Facility Type: ER
DER Facility ID: 207605
Site ID: 361851
DEC Region: 2
Spill Date: 3/28/2006
Spill Number/Closed Date: 0514992 / 4/17/2006

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 3/30/2006
CID: 41
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/30/2006
Spill Record Last Update: 6/12/2006
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Company: Not reported
Contact Name: ERT DESK'
Contact Phone: (212) 580-8383
DEC Memo: 04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.04/17/06 - See e-docs for Con Ed report detailing cleanup and closure.163561. see eDocs.
Remarks: two quarts on 500 gallons water - ref 163561 - coming off 72 hour clock

Material:
Site ID: 361851
Operable Unit ID: 1119964
Operable Unit: 01
Material ID: 2109432
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9011318
Facility Type: ER
DER Facility ID: 207605
Site ID: 124793
DEC Region: 2
Spill Date: 1/25/1991
Spill Number/Closed Date: 9011318 / 1/26/1991

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1/25/1991
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Vessel
Spill Notifier: Federal Government
Cleanup Ceased: 1/26/1991
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/8/1991
Spill Record Last Update: 4/6/2004
Spiller Name: Not reported
Spiller Company: TANK BARGE-GOWANUS TRADER
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: HOLE IN ONE OF THE COMPARTMENTS OF THE BARGE,HOLE BELOW WATERLINE, PRODUCT RELEASED IS APPROX 25GAL,BOOMS & SORBENT PADS ARE IN PLACE, LEAK STOPPED BY PUMPING OUT THE LEAKING COMPARTMENT.

Material:
Site ID: 124793
Operable Unit ID: 951415
Operable Unit: 01
Material ID: 427868
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9011319
Facility Type: ER
DER Facility ID: 207605
Site ID: 253424
DEC Region: 2
Spill Date: 1/25/1991
Spill Number/Closed Date: 9011319 / 1/25/1991
Spill Cause: Equipment Failure

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

Spill Class: Not reported
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1/25/1991
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Vessel
Spill Notifier: Other
Cleanup Ceased: 1/25/1991
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/8/1991
Spill Record Last Update: 7/29/2003
Spiller Name: Not reported
Spiller Company: ECKLOFF MARINE
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: BARGE-GOWANUS TRADER LEAKING,NYCFD,USCG & DEC ON SITE,SPILL BOOMED OFF& SORBENTS BEING USED,PUMPING OUT COMPARTMENT OF BARGE,ECKLOFF'S SPILL CREW CLEANED UP SPILL & OFFLOADED BARGE.

Material:
Site ID: 253424
Operable Unit ID: 951416
Operable Unit: 01
Material ID: 427869
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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

BROWNFIELDS:
Program: BCP
Site Code: 57787
Site Description: See Spill number 9810785 Bayside Fuel Oil Depot - Bond Street Terminal Site (C224080)The Bayside Fuel Oil Depot - Bond Street Terminal Site is located at 510 Sackett St., Brooklyn (Kings County),

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S109826460**

NY. This property consists of a 2.27 acre parcel located adjacent to the Gowanus Canal in a commercial/industrial area. The current owner is the Allegretti Group, LLC. The tax map identifies the various properties associated with this site as: Block 424, Lots 1 (Parcel A) and 20 (Parcel B) and Block 431, Lots 12 (Parcel C) and 17 (Parcel D). The BCP application for this site was approved on May 12, 2005.A Phase 1 and Phase II report were submitted with the application. The subject property is a Major Oil Storage Facility (MOSF) with a 1,500,000 gallon fuel oil capacity. Past operations onsite include coal storage, lumber yard, box factory, auto and truck repair garage, warehousing, and a motor freight station. Previous site uses have likely contributed to the source of the fuel oil contamination at the site and the consultant indicates that it is possible that there was an offsite source as well.Agreement Terminated - letter dated 12/5/07.
Not reported

Env Problem: T
Health Problem: Not reported

MOSF:
Facility ID: 2-1220
Program Type: MOSF
Tank Status: Administratively Closed
Expiration Date: 03/31/2007
Dec Region: 2
UTMX: 585509
UTMY: 4503779

K75 **BAYSIDE FUEL OIL DEPOT CORP** **RCRA NonGen / NLR** **1000382088**
NNW **510 SACKETT ST** **FTTS** **NYD981872419**
< 1/8 **BROOKLYN, NY 11231** **HIST FTTS**
0.108 mi.
569 ft. **Site 4 of 7 in cluster K**

Relative:
Higher

Actual:
10 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: BAYSIDE FUEL OIL DEPOT CORP
Facility address: 510 SACKETT ST
BROOKLYN, NY 112315020
EPA ID: NYD981872419
Mailing address: SHORE PKWY
BROOKLYN, NY 11214
Contact: Not reported
Contact address: SHORE PKWY
BROOKLYN, NY 11214
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ALFRED ALLEGRETTI
Owner/operator address: 1776 SHORE PKWY
BROOKLYN, NY 11214
Owner/operator country: US
Owner/operator telephone: (718) 372-9800

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

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

Owner/operator name: ALFRED ALLEGRETTI
Owner/operator address: 1776 SHORE PKWY
BROOKLYN, NY 11214
Owner/operator country: US
Owner/operator telephone: (718) 372-9800
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: BAYSIDE FUEL OIL DEPOT CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: BAYSIDE FUEL OIL DEPOT CORP
Classification: Not a generator, verified

Date form received by agency: 04/06/1998
Facility name: BAYSIDE FUEL OIL DEPOT CORP
Classification: Small Quantity Generator

Violation Status: No violations found

FTTS INSP:
Inspection Number: 2000062116786 5
Region: 02
Inspection Date: 06/21/00
Inspector: D. TAVERAS, AR
Violation occurred: No
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000382088**

HIST FTTS INSP:
- Inspection Number: 2000062116786 5
- Region: 02
- Inspection Date: Not reported
- Inspector: D. TAVERAS, AR
- Violation occurred: No
- Investigation Type: EPCRA, Enforcement, Federal Conducted
- Investigation Reason: Neutral Scheme, Region
- Legislation Code: EPCRA
- Facility Function: Processor

L76 **NEVINS ST. PUMP STATION** **NY Spills** **S102144777**
NNE **NEVINS ST. PUMP STATION** **N/A**
< 1/8 **BROOKLYN, NY**
0.108 mi.
570 ft. **Site 1 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
- Facility ID: 8705304
- Facility Type: ER
- DER Facility ID: 279355
- Site ID: 109583
- DEC Region: 2
- Spill Date: 9/24/1987
- Spill Number/Closed Date: 8705304 / 9/24/1987
- Spill Cause: Equipment Failure
- Spill Class: Not reported
- SWIS: 2401
- Investigator: UNASSIGNED
- Referred To: Not reported
- Reported to Dept: 9/24/1987
- CID: Not reported
- Water Affected: GOWANUS CANAL
- Spill Source: Institutional, Educational, Gov., Other
- Spill Notifier: Responsible Party
- Cleanup Ceased: 9/24/1987
- Cleanup Meets Std: True
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 0
- Date Entered In Computer: 9/24/1987
- Spill Record Last Update: 10/24/2003
- Spiller Name: Not reported
- Spiller Company: NYCDEP
- Spiller Address: Not reported
- Spiller City,St,Zip: NY
- Spiller Company: 999
- Contact Name: Not reported
- Contact Phone: Not reported
- DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
  Not reported
- Remarks: MAIN PUMP DOWN DUE TO ELECTRICAL PROBLEM, FLOW RATE .75MGD.

Material:
- Site ID: 109583
- Operable Unit ID: 909144

NEVINS ST. PUMP STATION (Continued) **S102144777**
- Operable Unit: 01
- Material ID: 467903
- Material Code: 0062A
- Material Name: RAW SEWAGE
- Case No.: Not reported
- Material FA: Other
- Quantity: -1
- Units: Pounds
- Recovered: No
- Resource Affected: Not reported
- Oxygenate: False

Tank Test:

L77 **NEVIS ST PUMP STA** **NY Spills** **S102144108**
NNE **NEVIS ST PUMP STA** **N/A**
< 1/8 **BROOKLYN, NY**
0.108 mi.
570 ft. **Site 2 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
- Facility ID: 8602896
- Facility Type: ER
- DER Facility ID: 72525
- Site ID: 77814
- DEC Region: 2
- Spill Date: 8/1/1986
- Spill Number/Closed Date: 8602896 / 8/1/1986
- Spill Cause: Equipment Failure
- Spill Class: Not reported
- SWIS: 2401
- Investigator: UNASSIGNED
- Referred To: Not reported
- Reported to Dept: 8/1/1986
- CID: Not reported
- Water Affected: GOWANUS CANAL
- Spill Source: Institutional, Educational, Gov., Other
- Spill Notifier: Responsible Party
- Cleanup Ceased: 8/1/1986
- Cleanup Meets Std: True
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 0
- Date Entered In Computer: 9/11/1986
- Spill Record Last Update: 9/30/2004
- Spiller Name: Not reported
- Spiller Company: NYCDEP
- Spiller Address: Not reported
- Spiller City,St,Zip: NY
- Spiller Company: 999
- Contact Name: Not reported
- Contact Phone: Not reported
- DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
  Not reported
- Remarks: BREAK IN THE DISCHARGE PORT

NEVIS ST PUMP STA (Continued) **S102144108**

Material:
Site ID: 77814
Operable Unit ID: 900157
Operable Unit: 01
Material ID: 475752
Material Code: 0630A
Material Name: NONENE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

L78 **NEVIN ST BITES THE BANANA** **NY Spills** **S102144171**
NNE **NEVIN ST. PUMP STATION** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.108 mi.
570 ft. **Site 3 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
Facility ID: 8603585
Facility Type: ER
DER Facility ID: 69092
Site ID: 73403
DEC Region: 2
Spill Date: 8/30/1986
Spill Number/Closed Date: 8603585 / 9/1/1986
Spill Cause: Equipment Failure
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 8/31/1986
CID: Not reported
Water Affected: GOWANUS CANAL
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 9/1/1986
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/4/1986
Spill Record Last Update: 6/1/1987
Spiller Name: Not reported
Spiller Company: NYCDEP
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999

NEVIN ST BITES THE BANANA (Continued) **S102144171**

Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was " " Not reported
Remarks: CREW WILL DO REPAIR 9/1/86

Material:
Site ID: 73403
Operable Unit ID: 900838
Operable Unit: 01
Material ID: 476413
Material Code: 0062A
Material Name: RAW SEWAGE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

L79 **NEVENS ST. PUMP STATION** **NY Spills** **S102142841**
NNE **NEVENS ST PUMP STAION** **N/A**
< 1/8 **KINGS (County), NY**
0.108 mi.
570 ft. **Site 4 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
Facility ID: 8504656
Facility Type: ER
DER Facility ID: 90503
Site ID: 102180
DEC Region: 2
Spill Date: 3/19/1986
Spill Number/Closed Date: 8504656 / 3/19/1986
Spill Cause: Unknown
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RJSCHOWE
Referred To: Not reported
Reported to Dept: 3/19/1986
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: 3/19/1986
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/8/1992
Spill Record Last Update: 9/30/2004

NEVENS ST. PUMP STATION (Continued) **S102142841**

Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DICK SCHOWE"3/14/86: CLOSED.
Remarks: WASTEWATER-PUMP STATION-BECAME FLOODED OUT- DEWATERING AT THIS TIME

Material:
Site ID: 102180
Operable Unit ID: 896246
Operable Unit: 01
Material ID: 480073
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

L80 **NEVENS ST PUMP STATION** **NY Spills** **S106699378**
NNE **UNKNOWN** **N/A**
< 1/8 **BROOKLYN, NY**
0.108 mi.
570 ft. **Site 5 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
Facility ID: 0406722
Facility Type: ER
DER Facility ID: 278832
Site ID: 250519
DEC Region: 2
Spill Date: 9/18/2004
Spill Number/Closed Date: 0406722 / 9/20/2004
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 9/18/2004
CID: 402
Water Affected: GWANUS CANAL
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

NEVENS ST PUMP STATION (Continued) **S106699378**

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/18/2004
Spill Record Last Update: 9/20/2004
Spiller Name: RICHARD BASFOSSE
Spiller Company: NEVENS ST PUMP STATION
Spiller Address: UNKNWON
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: RICHARD BASFOSSE
Contact Phone: (712) 372-7193
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"9/20/2004 Tipple updating//referred to water///nfa
Remarks: panel that runs the pimp got wet and melfunctioned

Material:
Site ID: 250519
Operable Unit ID: 889332
Operable Unit: 01
Material ID: 487946
Material Code: 0062A
Material Name: RAW SEWAGE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 250519
Operable Unit ID: 889332
Operable Unit: 01
Material ID: 487947
Material Code: 0062A
Material Name: RAW SEWAGE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

L81 **NEVINS ST. PUMP STATION/B** **NY Spills** **S102144811**
NNE **NEVINS ST. PUMP STATION** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.108 mi.
570 ft. **Site 6 of 15 in cluster L**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:
Facility ID: 8705006
Facility Type: ER
DER Facility ID: 282107
Site ID: 109582
DEC Region: 2

NEVINS ST. PUMP STATION/B (Continued) **S102144811**

Spill Date:	9/16/1987
Spill Number/Closed Date:	8705006 / 11/18/1987
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	9/16/1987
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	11/18/1987
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/19/1987
Spill Record Last Update:	10/12/1988
Spiller Name:	Not reported
Spiller Company:	NYCDEP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was " " Not reported
Remarks:	PUMPS AREN'T OPERATING PROPERLY, BEING REPAIRED.

Material:

Site ID:	109582
Operable Unit ID:	911324
Operable Unit:	01
Material ID:	467612
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

L82 **NEVINS PUMP STATION/BKLYN** **NY Spills** **S102145338**
NNE **NEVINS ST PUMP STATION** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.108 mi.
570 ft. **Site 7 of 15 in cluster L**

Relative:
Lower

Actual:
8 ft.

SPILLS:

Facility ID:	8901073
Facility Type:	ER
DER Facility ID:	72945
Site ID:	78382
DEC Region:	2
Spill Date:	5/3/1989
Spill Number/Closed Date:	8901073 / 5/3/1989
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	CANZIANI
Referred To:	Not reported
Reported to Dept:	5/3/1989
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	5/3/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/4/1989
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	NYCDEP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	BROKEN PUMPS, PUMPS MAY BE CLOGGED OR BROKEN.

Material:

Site ID:	78382
Operable Unit ID:	927927
Operable Unit:	01
Material ID:	452383
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

L83
NNE
< 1/8
0.108 mi.
570 ft.

NIVENS PUMP STATION / NIV
NIVENS STREET
NEW YORK CITY, NY

Site 8 of 15 in cluster L

NY Spills

S102144476
N/A

Relative:
Lower

Actual:
8 ft.

SPILLS:

Facility ID:	8700118
Facility Type:	ER
DER Facility ID:	143573
Site ID:	170621
DEC Region:	2
Spill Date:	4/5/1987
Spill Number/Closed Date:	8700118 / 4/7/1987
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	4/6/1987
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	4/7/1987
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/9/1987
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	NIVENS STREET PUMP STAT.
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was " " Not reported
Remarks:	ELECTRICAL WIRES SHORTING OUT.

Material:

Site ID:	170621
Operable Unit ID:	904759
Operable Unit:	01
Material ID:	473688
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

L84
NNE
< 1/8
0.108 mi.
572 ft.

NEVINS STREET, DEGRAW STR
NEVINS ST/ DEGRAW ST.
BROOKLYN, NY

Site 9 of 15 in cluster L

NY Spills

S102144418
N/A

Relative:
Lower

Actual:
8 ft.

SPILLS:

Facility ID:	8607778
Facility Type:	ER
DER Facility ID:	94612
Site ID:	107573
DEC Region:	2
Spill Date:	3/19/1987
Spill Number/Closed Date:	8607778 / 3/20/1987
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	3/20/1987
CID:	Not reported
Water Affected:	GOWANIS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	3/20/1987
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/3/1987
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	NYCDEP - CASE # 964
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was " " Not reported
Remarks:	REGULATOR WAS FOUND CLOSED. GATE WAS RE-OPENED 03/20/87 @ 1100 HRS.

Material:

Site ID:	107573
Operable Unit ID:	904362
Operable Unit:	01
Material ID:	473268
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M85
SSE
< 1/8
0.109 mi.
573 ft.

Relative: Higher

Actual: 15 ft.

FINEST AUTO & RECOVERY — **RCRA NonGen / NLR** — **1004761790**
310 3RD AVE — **FINDS** — **NYR000090431**
BROOKLYN, NY 11215

Site 1 of 3 in cluster M

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: FINEST AUTO & RECOVERY
Facility address: 310 3RD AVE
BROOKLYN, NY 11215
EPA ID: NYR000090431
Mailing address: 3RD AVE
BROOKLYN, NY 11215
Contact: JAMES LEWIS
Contact address: 3RD AVE
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 488-7100
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JAMES LEWIS
Owner/operator address: 310 3RD AVE
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 488-7100
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: JAMES LEWIS
Owner/operator address: 310 3RD AVE
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 488-7100
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

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

FINEST AUTO & RECOVERY (Continued) — **1004761790**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: FINEST AUTO & RECOVERY
Classification: Not a generator, verified

Date form received by agency: 09/22/2000
Facility name: FINEST AUTO & RECOVERY
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004564953

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

I86
West
< 1/8
0.109 mi.
575 ft.

Relative: Higher

Actual: 10 ft.

388 CARROLL STREET AND 363 BOND STREET — **NY BROWNFIELDS** — **S116041498**
388 CARROLL STREET AND 363 BOND STREET — **N/A**
BROOKLYN, NY 11231

Site 5 of 6 in cluster I

BROWNFIELDS:
Program: BCP
Site Code: 478612
Site Description: Location: This site is located at 388 Carroll Street and 363 Bond Street in Brooklyn, NY.Site Features: A portion of the site contains a one- and two-story light industrial building and another portion is improved with a two-story residential building. Two decommissioned secondary containment structures also exist on the property. The area of the two parcels is approximately 1.35 acres.Current Zoning/Use(s): Current use is residential, commercial, and industrial.Historical Use(s): Portions of this site has historically been used as an oil terminal, an auto storage yard, an automobile repair facility, and a paint manufacturer. Site Geology and Hydrogeology: The site is underlain by an approximately 6-to-17 foot thick layer of miscellaneous fill which is underlain by a clay layer. Groundwater was observed at the site at depths ranging from 1.25 to 10 feet below ground surface. Groundwater flow is affected by the tidal influence from Gowanus Canal. Current Status: The interim remedial measure (IRM) addressing the petroleum spill contamination at the site will begin in Spring 2014.
Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.
Health Problem: Information submitted with the BCP application regarding the

388 CARROLL STREET AND 363 BOND STREET (Continued) **S116041498**

conditions at the site are currently under review and will be revised as additional information becomes available.

M87 **CLARIN TRUCK LEASING CORP** **NY UST** **U001839158**
SSE **312 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.109 mi.
577 ft. **Site 2 of 3 in cluster M**

Relative:
Higher

Actual:
15 ft.

UST:

Id/Status:	2-007552 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2003-02-03
UTM X:	585660.67475000001
UTM Y:	4503318.5090600001
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	61
Affiliation Type:	Facility Owner
Company Name:	CLARIN TRUCK LEASING CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	312 3RD AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 855-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	61
Affiliation Type:	On-Site Operator
Company Name:	CLARIN TRUCK LEASING CORP
Contact Type:	Not reported
Contact Name:	CLARIN TRUCK LEASING CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 855-4800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	61
Affiliation Type:	Emergency Contact
Company Name:	CLARIN TRUCK LEASING CORP
Contact Type:	Not reported

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Contact Name:	GEORGE CAMBEIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 855-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	61
Affiliation Type:	Mail Contact
Company Name:	CLARIN TRUCK LEASING CORP
Contact Type:	Not reported
Contact Name:	GEORGE M. CAMBIES
Address1:	312 3RD AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 855-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	30356
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	09/01/1963
Date Tank Closed:	03/09/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 30357
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 30358
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 30359
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 30360
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

CLARIN TRUCK LEASING CORP (Continued) **U001839158**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 30361
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 09/01/1963
Date Tank Closed: 03/09/2001
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None

J88 **EDR US Hist Auto Stat** **1015561675**
ESE **584 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.112 mi.
591 ft. **Site 2 of 5 in cluster J**

Relative: Higher
Actual: 20 ft.

EDR Historical Auto Stations:
Name: CHARLIES PARKSIDE AUTO CARE & SERVICE CENTER OF BKLYN INCORP
Year: 1999
Address: 584 UNION ST

Name: CHARLIES PARKSIDE AUTO CARE & SERVICE CENTER OF BKLYN INCORP
Year: 2000
Address: 584 UNION ST

Name: PARKSIDE AUTO CARE CENTER
Year: 2007
Address: 584 UNION ST

Name: PARKSIDE AUTO CARE CENTER
Year: 2008
Address: 584 UNION ST

Name: PARKSIDE AUTO CARE CENTER
Year: 2009
Address: 584 UNION ST

I89 **TWO DANS ENTERPRISES** **RCRA NonGen / NLR** **1004756067**
West **385 CARROLL ST** **FINDS** **NY0001008663**
< 1/8 **BROOKLYN, NY 11231** **NY MANIFEST**
0.112 mi.
594 ft. **Site 6 of 6 in cluster I**

Relative: Higher
Actual: 11 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: TWO DANS ENTERPRISES
Facility address: 385 CARROLL ST
BROOKLYN, NY 11231
EPA ID: NY0001008663
Mailing address: CARROLL ST
BROOKLYN, NY 11231
Contact: DANNY TINNEY
Contact address: CARROLL ST
BROOKLYN, NY 11231
Contact country: US
Contact telephone: (718) 243-2227
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DANNY TINNEY
Owner/operator address: 385 CARROLL ST
BROOKLYN, NY 11231
Owner/operator country: US
Owner/operator telephone: (718) 243-2227
Legal status: Private
Owner/Operator Type: Owner

TWO DANS ENTERPRISES (Continued) **1004756067**

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

Owner/operator name: DANNY TINNEY
Owner/operator address: 385 CARROLL ST
BROOKLYN, NY 11231
Owner/operator country: US
Owner/operator telephone: (718) 243-2227
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: TWO DANS ENTERPRISES
Classification: Not a generator, verified

Date form received by agency: 01/18/1995
Facility name: TWO DANS ENTERPRISES
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004323964

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

NY MANIFEST:
EPA ID: NY0001008663

TWO DANS ENTERPRISES (Continued) **1004756067**

Country: USA
Mailing Name: TWO DANS ENTERPRISES
Mailing Contact: DANNY TINNEY
Mailing Address: 385 CARROL STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-243-2227

Document ID: NJA2103507
Manifest Status: Completed copy
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 950418
Trans1 Recv Date: 950418
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950420
Part A Recv Date: Not reported
Part B Recv Date: 950427
Generator EPA ID: NY0001008663
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F003 - UNKNOWN
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA2717797
Manifest Status: Completed copy
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 961021
Trans1 Recv Date: 961021
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961024
Part A Recv Date: Not reported
Part B Recv Date: 961113
Generator EPA ID: NY0001008663
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F003 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.

TWO DANS ENTERPRISES (Continued) **1004756067**

Specific Gravity: 100
Year: 96

L90 **FULTON WORKS** **EDR MGP** **1008407891**
NNE **DEGRAW STREET AND NEVINS STREET** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.119 mi.
628 ft. **Site 10 of 15 in cluster L**

Relative:
Lower

Manufactured Gas Plants:
No additional information available

Actual:
8 ft.

H91 **EDR US Hist Auto Stat** **1015323225**
ENE **212 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY 11217**
0.122 mi.
643 ft. **Site 5 of 5 in cluster H**

Relative:
Higher

Actual:
19 ft.

EDR Historical Auto Stations:

Name:	COMPETITION MOTORS
Year:	2002
Address:	212 3RD AVE
Name:	COMPETITION MOTORS
Year:	2005
Address:	212 3RD AVE
Name:	COMPETITION MOTORS
Year:	2006
Address:	212 3RD AVE
Name:	COMPETITION MOTORS
Year:	2008
Address:	212 3RD AVE
Name:	COMPETITION MOTORS
Year:	2011
Address:	212 3RD AVE
Name:	COMPETITION MOTORS
Year:	2012
Address:	212 3RD AVE

N92 **COMMERCIAL BUILDING** **NY Spills** **S108130792**
SE **14 WHITWELL PLACE** **N/A**
< 1/8 **BROOKLYN, NY**
0.122 mi.
645 ft. **Site 1 of 3 in cluster N**

Relative:
Higher

Actual:
20 ft.

SPILLS:

Facility ID:	0606675
Facility Type:	ER
DER Facility ID:	319903
Site ID:	370045
DEC Region:	2
Spill Date:	9/11/2006
Spill Number/Closed Date:	0606675 / 3/17/2009
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	9/11/2006
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/11/2006
Spill Record Last Update:	4/20/2009
Spiller Name:	CHARLIE DEVITO
Spiller Company:	COMMERCIAL BUILDING
Spiller Address:	14 WHITWELL PLACE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	CHARLIE DEVITO
Contact Phone:	(914) 482-5520
DEC Memo:	Need to send CSL to Property Owner:Charlie DevitoBrooklyn Real Estate Mgt Corp.88 Ninth StreetBrooklyn, NY 1121510/04/06-Vought-Daytime runner. Vought sent soil contamination letter with one month due date to above address. Vought called Boeckel for more information and left message to return call prior to sending letter.8/3/07 - Austin - Transferred from Vought to Ketani for further review and action - end9/25/07 - Raphael Ketani. I found 2 unsigned copies of an October 2, 2006 CSL letter in the record. There is also an October 26, 2006 Phase II Subsurface Investigation Report from Associated Environmental Services, Ltd. (631) 234-4280. There is no PBS record.I reviewed the Phase II Report. Borings B-1 and B-2 were tanken on either side of a suspected UST at 20-20A Whitewell Place. Boring B-3 was taken on the east (street) side of a suspected UST at 14 Whitewell Place. Only groundwater samples were collected. These were from B-2 and B-3. Groundwater sample B-2 was completely non-dectect. Groundwater sample B-3 had 2 hits that were 3 times the TAGM limit, several hits that were just above the TAGM limit and the rest non-detect.9/26/07 - Raphael Ketani. I spoke to Matt Boeckel of Associated Environmental. He said that after the project was done,

COMMERCIAL BUILDING (Continued) **S108130792**

Mr. Devito didn't pursue any further activities. I asked Mr. Boeckel why only groundwater samples were taken. He said that Mr. Devito didn't want to spend any more money investigating the site.I looked up the owners of the property using Property Shark and ACRIS. I found several addresses for the owners of 20 Whitwell Place (block and lot 00454/0025). The owner is Whitwell Place Realty Corp. at either 20 Whitwell Place, Brooklyn or 335 Chelsea Road, Staten Island. There was another Brooklyn address at 88 9th Street, Brooklyn, 11215. The 9th Street address is the latest one.I looked up the owners of the property at 14 Whitwell Place (block and lot 00454/0022). ACRIS listed Frozen Music Incorp., 10 Whitwell Pl., Brklyn., and Property Shark listed C.W. Grinnell, 325 E. 41 Street, Ste 501, NY, 10017. As the 14 Whitwell Place site had the indications of contamination, I will pursue the remediation of this location only.I sent a CSL to both addresses for the owners.10/2/07 - I received a call today from Daniel Wax regarding the CSL. He said that DEC had the wrong property and that no borings were done on his site. He said that Frozen Music Incorporated and Ms. Grinnell owned 10 Whitwell Place, but this is not where the boring occurred. He said that the NYC Property database and ACRIS listed Ms. Grinnell and his company as the owner of 14 Whitwell, but this has been a mistake that he has not been able to correct. He asked what he should do. I asked him who owned 14 Whitwell. He said he didn't know. I told him that I will look into the matter.I tried to contact Mathew Boeckel of Associated Environmental, but could only leave a message.10/3/07 - Raphael Ketani. I made an unannounced site visit. The site is a red painted 3 story building. It contains offices for a book company, a lobster company, and some other business on the ground floor. I met Roger Coy, a tenant who rents an office on an upper floor of the building. He called up the owner of the property, Charlie Devito (914) 482-5520 (Ninth Street Storage). I spoke to Mr. Devito and explained that Associated Environmental Services had done a boring on the property which had discovered contaminated soil next to an anomaly that was never defined. He said that he was aware of the investigation. He said that he thought the anomaly was a tank that had never been removed. I told him that a larger investigation was necessary to delineate the contamination and that the tank has to be either closed in place or removed. I told him he had to hire an environmental company and start the work. He said he will do this and he will contact me later in the week. Mr. Devito's company is Ninth Street Self Storage, 88 9th Street, Brooklyn, 11231, (718) 788-0880. A CSL was sent out today to Mr. Devito.12/3/07 - Raphael Ketani. I tried to contact Mr. Devito, but could only leave a message with his secretary.12/12/07 - Raphael Ketani. I tried to contact Mr. Devito, but could only leave a message with the secretary. I told her that if DEC doesn't hear from him towards the end of regular business hours, then we will send a warning letter.Mr. Devito called me back. He said that he had lost the letter and that is why nothing has taken place to date. I FAXed him (718) 788-3233 the 10/3/07 letter. He said that he will give it to Associated Environmental. 12/27/07 - Raphael Ketani. Bill Locke of Trade Winds Environmental (631) 289-5500 called. He said he was putting together a proposal for Mr. Devito. He said there is an inactive 550 tank buried behind a brick wall under the back half of the property. Then there are two active 275 gal. tanks in the half basement in the front part of the property. He said that he will abandon or pull all three tanks. He said he will do at least 6 soil borings to investigate the fill port, fill line and

COMMERCIAL BUILDING (Continued) **S108130792**

tanks. 1/3/08 - Raphael Ketani. I tried to reach Mr. Locke, but could only leave a message.1/7/08 - Raphael Ketani. Mr. Locke called back. He said that he plans to start the investigation at the site today.1/10/08 - Raphael Ketani. I spoke to Doug Schrimpf (cell (516) 779-7822) of Trade Winds. He is the project manager and contact. His crew removed 2 ASTs in the basement. The tanks were in good condition and not leaking. The old fuel line to the old UST was rotten and leaking and 2 drums of contaminated soil were removed. More soil will be removed. They will expose the line in its entirety to see if it leaked in other locations. Borings will be done through the bottom of the old UST after it is cleaned out. I will meet Mr. Schrimpf tomorrow at the site.1/11/08 - Raphael Ketani. I made the site visit at about 12:30PM. I met Carol, the head of the work crew. I took 3 pictures. He showed me the 1,000 gal. tank that had been cut open. It looked very clean inside and was odor free. He showed me the fuel pipes that his crew was following and trying to expose. He said he wasn't sure where they will lead him, but he was hoping that, somewhere, they will contact to the 1,000 gal. tank which wasn't completely exposed yet. After my overview of the situation, I left the site.Later, I spoke to Mr. Schrimpf. I told him that it looked like his crew was doing a good job. I also told him that since there was a 1000 gal. tank and two 275 gallon tanks, this puts the site over the 1100 gal. ceiling for total capacity. I told him that all 3 tanks need to be registered. He said he will do this and he will keep me informed of the progress. 1/15/08 - Raphael Ketani. I spoke to Mr. Schrimpf today. He said that his crew exposed the rest of the fuel and return line, but found no contamination. So they filled the 1000 gallon tank with sand and abandoned it in place. They also filled the old fill port in the basement with cement. He said he that three soil samples were taken below the bottom of the tank and he will attempt a boring in the sidewalk to see whether there is any contamination.4/2/08 - Raphael Ketani. I spoke to Mr. Schrimpf (cell (516) 779-7822). He said Mr. Locke is the one I should be speaking to regarding the report. He said he will talk to Mr. Locke and get everything out to me. 8/18/08 - Raphael Ketani. I spoke to Mr. Locke. He said that Mr. Devito, the owner, owes him thousands of dollars. So he can't release the report. He said Mr. Devito is paying him in "drips and drabs." The case is being prepared for transfer due to a case realignment within the unit. The case manager needs to send Mr. Devito a warning letter stating that he is in violation of the NAV Law and the regulations because DEC has no documentation that the spill is cleaned up. 9/19/08 - Raphael Ketani. Mr. Schrimpf called me. He asked whether I had ever received the remediation report. I told him no. He asked why. I told him that from the case notes describing my conversations with Mr. Locke, the report wasn't going to be released until Mr. Devito payed Trade Winds in full for the work. He said he will put the report together, but he will let Mr. Devito know that it wont be sent until payment is received.2/27/09 - Raphael Ketani. Mark Pasco of Analytical Testing Labs (a consulting firm) (908) 241-5040 called to find out the status of the site. He represented a bank involved with a potential purchaser. I told him that I was no longer the case manager and to talk to Veronica Zhune. However, I also told him that Trade Winds is out of business and that DEC never received the investigation-remediation report. He said that he will talk to Ms. Zhune.2/27/09- Melissa DiBella 718-482-4984 from whitwell Place Realty Corp. faxed the report.The report included:1. A cover letter to the report.2. Afidavit 3. Two manifest for waste

COMMERCIAL BUILDING (Continued) **S108130792**

disposal and oil disposal4. Chain of custody Endpoint soil Samples Results5.Site Map.The letter states: Trade-Winds Environmental Restoration Inc. was contracted by property owner to remove (2)275 gallon AST containing fuel oil and abandon or remove(1) 550 gallon UST containing fuel oil.Subsurface sampling was conducting by property owners previuos Environmental Contractor and a NYSDEC Spill number 0606675 was assigned to property.On January 7th, 2008 Trade-Winds Environmental removed, cut and cleaned (2)275 gallon AST that contained fuel oil and disposed of them at a permitted disposal facility. In addition Trade-Winds project team excavated and exposed (1)550 gallon UST that contained fuel oil. During the process of exposing (1) 550 gallon tank Trade-Wind encountered fuel oil contaminated soil around tank. All oil impacted soils were excavated and placed in 55 gallon drums and the total of 7 drums were generated. Trade-winds project team then cut an opening into tank and entered tank and decontaminated tank interior. Tank excavation and decontaminated tank was left open for NYSDEC inspection. Based on inspection NYSDEC case manager required to collect samples from beneath tank and samples from tank excavation. Three holes were cut in bottom of tank (East, Middle, West) and soil samples were collect at each location. In addition 3 samples were taken from tank excavation for a total of 6 samples. Soil samples were analyzed for methods 8260 and 8270 and forwarded to NYSDE case manger for review.On January 15th ,2008 completed the abandoment of the 550 gallon fuel oil tank was filled to 100% capacity with masonry sand and excavation and new concrete slab were completed.The analytical results identified VOC's and SVOC's below the minimun detection limit for samples #2(Tank Middel and #3(Tank west). Sample #1 Tank East results identified VOC's below the minimun detection limit but some SVOC's (Benzo-b-fluoroanthene, Benzo-k-fluoroanthene, Benzo-1-pyrene, Indeno (1.2.3,-c,d)Pyrene and Dibenzo-a,h anthracene) were exceding the NYCSDEC Recomended Soil Cleanup Objectives (RSCOs).The analytical results identified VOC's and VOC's below the minimun detection limit for samples #4(Excavation middle), #5(East Excavation). Sample #6(Tank top)results showed VOC's below the minimun detection. Some SVOC's (Phenanthrene, Anthracene, Fluoranthene, Benzo-a-anthracene, Chrysene, Pyrene, Benzo-b-fluoroanthene, Benzo-k-fluoroanthene, Benzo-a-pyreneIndeno (1.2.3,-c,d)Pyrene, Dibenzo-a,h anthracene and benzo-g,hy,i perylene) were exceding the NYCDEC Recomended Soil Cleanup Objectives (RSCOs).03/16/09-Zhune called Doug Schrimf from trade-winds to find out about SOV's contamination in sample #6. As per Doug all oil impacted soil were excavated and removed. Spill Closed.

Remarks: voc's above standards:

Material:
Site ID: 370045
Operable Unit ID: 1127866
Operable Unit: 01
Material ID: 2117472
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported

COMMERCIAL BUILDING (Continued) **S108130792**

Oxygenate: False

Tank Test:

O93 **EDR US Hist Auto Stat** **1015563204**
ESE **590 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.124 mi.
656 ft. **Site 1 of 4 in cluster O**

Relative: Higher

Actual: 21 ft.

EDR Historical Auto Stations:

Name: L & R AUTO REPAIR
Year: 2001
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2003
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2004
Address: 590 UNION ST

Name: L & R AUTO REPR
Year: 2005
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2006
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2007
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2008
Address: 590 UNION ST

Name: L & R AUTO REPAIR
Year: 2009
Address: 590 UNION ST

Name: EUROPEAN AUTO CTR INC
Year: 2010
Address: 590 UNION ST

Name: L & R AUTO REPR
Year: 2011
Address: 590 UNION ST

Name: L & R AUTO REPR
Year: 2012
Address: 590 UNION ST

P94
NW
1/8-1/4
0.127 mi.
669 ft.

Relative:
Higher

Actual:
14 ft.

NYCDOT BIN 2240270
UNION ST BRIDGE OVER
BROOKLYN, NY 11231

Site 1 of 4 in cluster P

RCRA NonGen / NLR **1001090370**
NY MANIFEST **NYR000022079**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYCDOT BIN 2240270
Facility address: UNION ST BRIDGE OVER GOWANIS CANAL BROOKLYN, NY 11231
EPA ID: NYR000022079
Mailing address: RECTOR ST 8TH FLOOR NEW YORK, NY 10006
Contact: JOHN ANZALONE
Contact address: RECTOR ST 8TH FLOOR NEW YORK, NY 10006
Contact country: US
Contact telephone: (212) 788-2083
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYCDOT
Owner/operator address: 2 RECTOR ST NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: (212) 788-2083
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYCDOT
Owner/operator address: 2 RECTOR ST NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: (212) 788-2083
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

NYCDOT BIN 2240270 (Continued) **1001090370**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYCDOT BIN 2240270
Classification: Not a generator, verified

Date form received by agency: 04/10/1996
Facility name: NYCDOT BIN 2240270
Classification: Not a generator, verified

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000022079
Country: USA
Mailing Name: NYCDOT
Mailing Contact: JOHN ANZALONE
Mailing Address: 2 RECTOR STREET 8TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10006
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-788-2083

Document ID: MIA4150312
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: MAINEV620
Trans2 State ID: 50140
Generator Ship Date: 960920
Trans1 Recv Date: 960920
Trans2 Recv Date: 961004
TSD Site Recv Date: 961023
Part A Recv Date: 961029
Part B Recv Date: 961119
Generator EPA ID: NYR000022079
Trans1 EPA ID: DCD981735244
Trans2 EPA ID: DER000000273
TSDF ID: MID096963194
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 01600
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 96

K95 **BAYSIDE FUEL OIL** **NY AST** **U003074650**
NNW **498-502 SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.128 mi.
677 ft. **Site 5 of 7 in cluster K**

Relative:
Higher

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-017590
Program Type:	PBS
UTM X:	585476.66310999996
UTM Y:	4503746.6439300003
Expiration Date:	2012-10-23
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	147
Affiliation Type:	Facility Owner
Company Name:	LAA REALTY LLC, OAA REALTY LLC
Contact Type:	TERMINAL OPERATIONS
Contact Name:	ANNA MARIE FRANZESE
Address1:	1776 SHORE PARKWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11214
Country Code:	001
Phone:	(718) 372-9800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/25/2009

Site Id:	147
Affiliation Type:	Mail Contact
Company Name:	BAYSIDE FUEL OIL DEPOT
Contact Type:	Not reported
Contact Name:	ANNA MARIE FRANZESE
Address1:	1776 SHORE PARKWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11214
Country Code:	001
Phone:	(718) 372-9800
EMail:	ANNAMARIE@BAYSIDEDEPOT.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/25/2009

Site Id:	147
Affiliation Type:	Emergency Contact
Company Name:	VICTOR ALLEGRETTI
Contact Type:	Not reported
Contact Name:	VINCENT ALLEGRETTI
Address1:	Not reported
Address2:	Not reported
City:	Not reported

BAYSIDE FUEL OIL (Continued) **U003074650**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 916-4101
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/6/2009

Site Id:	147
Affiliation Type:	On-Site Operator
Company Name:	BAYSIDE FUEL OIL
Contact Type:	Not reported
Contact Name:	BAY SIDE FUEL OIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 372-9800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/25/2009

Tank Info:

Tank Number:	002
Tank Id:	27068
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1985
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/1985
Register:	True
Modified By:	NRLOMBAR
Last Modified:	03/12/2009
Material Name:	Lube Oil

BAYSIDE FUEL OIL (Continued) **U003074650**

Tank Number: 003
Tank Id: 27069
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1985
Register: True
Modified By: NRLOMBAR
Last Modified: 03/12/2009
Material Name: Lube Oil

Tank Number: OBF4
Tank Id: 227669
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 03/12/2009

BAYSIDE FUEL OIL (Continued) **U003074650**

Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: OBF5
Tank Id: 227670
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 03/12/2009
Material Name: #2 Fuel Oil (On-Site Consumption)

K96 **BAYSIDE FUEL OIL** **NY UST** **U004061998**
NNW **498-502 SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.128 mi.
677 ft. **Site 6 of 7 in cluster K**

Relative:
Higher

Actual:
12 ft.

UST:
Id/Status: 2-017590 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2012-10-23
UTM X: 585476.66310999996
UTM Y: 4503746.6439300003
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 147
Affiliation Type: Facility Owner
Company Name: LAA REALTY LLC, OAA REALTY LLC
Contact Type: TERMINAL OPERATIONS
Contact Name: ANNA MARIE FRANZESE
Address1: 1776 SHORE PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11214

BAYSIDE FUEL OIL (Continued) **U004061998**

Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/25/2009

Site Id: 147
Affiliation Type: Mail Contact
Company Name: BAYSIDE FUEL OIL DEPOT
Contact Type: Not reported
Contact Name: ANNA MARIE FRANZESE
Address1: 1776 SHORE PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11214
Country Code: 001
Phone: (718) 372-9800
EMail: ANNAMARIE@BAYSIDEDEPOT.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/25/2009

Site Id: 147
Affiliation Type: Emergency Contact
Company Name: VICTOR ALLEGRETTI
Contact Type: Not reported
Contact Name: VINCENT ALLEGRETTI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 916-4101
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/6/2009

Site Id: 147
Affiliation Type: On-Site Operator
Company Name: BAYSIDE FUEL OIL
Contact Type: Not reported
Contact Name: BAY SIDE FUEL OIL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/25/2009

BAYSIDE FUEL OIL (Continued) **U004061998**

Tank Info:

Tank Number: 001
Tank ID: 27067
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1979
Date Tank Closed: 12/30/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 01/29/2009
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/19/2010

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F08 - Pipe External Protection - Retrofitted Impressed Current
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

P97 **DENTS OUT AUTO BODY LTD** **CERC-NFRAP 1003864459**
WNW **327 BOND ST** **RCRA NonGen / NLR NYD986961167**
1/8-1/4 **BROOKLYN, NY 11215**
0.129 mi.
682 ft. **Site 2 of 4 in cluster P**

Relative:
Higher

Actual:
14 ft.

CERC-NFRAP:
Site ID: 0203501
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 06/25/91
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 07/01/91
Date Completed: 09/25/91

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

Priority Level: Higher priority for further assessment

Action: REMOVAL ASSESSMENT
Date Started: 06/25/91
Date Completed: 09/26/91
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 05/27/98
Date Completed: 12/29/98
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/30/99
Priority Level: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: DENTS OUT AUTO BODY LTD
Facility address: 327 BOND ST
BROOKLYN, NY 11215
EPA ID: NYD986961167
Mailing address: BOND ST
BROOKLYN, NY 11215
Contact: MICHAEL PLANTZ
Contact address: BOND ST
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 488-5936
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MICHAEL PLANTZ
Owner/operator address: 327 BOND ST
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 488-5936
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MICHAEL PLANTZ
Owner/operator address: 327 BOND ST
BROOKLYN, NY 11215
Owner/operator country: US
Owner/operator telephone: (718) 488-5936
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

DENTS OUT AUTO BODY LTD (Continued) **1003864459**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: DENTS OUT AUTO BODY LTD
Classification: Not a generator, verified

Date form received by agency: 05/10/1993
Facility name: DENTS OUT AUTO BODY LTD
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

J98 **505 CARROLL ST.** **NY AST** **A100173503**
SE **505 CARROLL STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.130 mi.
685 ft. **Site 3 of 5 in cluster J**

Relative:
Higher

Actual:
21 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-602516
Program Type: PBS
UTM X: 585777.24829000002
UTM Y: 4503345.3616500003
Expiration Date: 2011-05-15
Site Type: Other Wholesale/Retail Sales

Affiliation Records:
Site Id: 24473
Affiliation Type: Emergency Contact
Company Name: 505 CARROLL ST. DEVELOPMENT GROUP LLC
Contact Type: Not reported
Contact Name: JUSTA VIAFARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 875-7257

505 CARROLL ST. (Continued) **A100173503**

EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/3/2008

Site Id: 24473
Affiliation Type: On-Site Operator
Company Name: 505 CARROLL ST.
Contact Type: Not reported
Contact Name: JUSTA VIAFARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 875-7257
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/3/2008

Site Id: 24473
Affiliation Type: Facility Owner
Company Name: 505 CARROLL ST. DEVELOPMENT GROUP LLC
Contact Type: MEMBER
Contact Name: MARIO PROCIDA
Address1: 456 E. 173RD ST.
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10457
Country Code: 001
Phone: (718) 299-7000
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/3/2008

Site Id: 24473
Affiliation Type: Mail Contact
Company Name: PROCIDA REALTY & CONSTRUCTION
Contact Type: Not reported
Contact Name: SARAH WILLIAMS
Address1: 456 EAST 173RD ST.
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10457
Country Code: 001
Phone: (718) 299-7000 234
EMail: SWILLIAMS@SDSPROCIDA.COM
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/3/2008

505 CARROLL ST. (Continued) **A100173503**

Tank Info:

Tank Number: 1
Tank Id: 50341
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/11/2007
Register: True
Modified By: dxliving
Last Modified: 01/03/2008
Material Name: #2 Fuel Oil (On-Site Consumption)

P99 **THOMAS PAULSON & SON INC** **RCRA NonGen / NLR** **1000296296**
NW **450 UNION ST** **NYD001263136**
1/8-1/4 **BROOKLYN, NY 11231**
0.130 mi.
686 ft. **Site 3 of 4 in cluster P**

Relative:
Higher

Actual:
15 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: THOMAS PAULSON & SON INC
Facility address: 450 UNION ST
BROOKLYN, NY 112315030
EPA ID: NYD001263136
Mailing address: PO BOX 140
BROOKLYN, NY 11231
Contact: Not reported
Contact address: PO BOX 140
BROOKLYN, NY 11231
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

THOMAS PAULSON & SON INC (Continued) **1000296296**

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: THOMAS PAULSON & SON INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: THOMAS PAULSON & SON INC
Classification: Not a generator, verified

Date form received by agency: 09/24/1984
Facility name: THOMAS PAULSON & SON INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 07/31/2003

THOMAS PAULSON & SON INC (Continued) **1000296296**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/22/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

J100 **NYC DEPT OF EDUCATION - PS 834K** **NY MANIFEST S106469867**
SE **512 CARROLL ST** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.130 mi.
688 ft. **Site 4 of 5 in cluster J**

Relative:
Higher

Actual:
21 ft.

NY MANIFEST:
EPA ID: NYR000199968
Country: USA
Mailing Name: NYC DEPT OF EDUCATION - PS 834K
Mailing Contact: NYC DEPT OF SCHOOL CONTRUCTION AUTHORITY - PS 834
Mailing Address: 30-30 THOMSON AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-472-8000

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 04-Sep-2013 00:00:00
TSD Site Recv Date: 05-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 254
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378703JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 23-Aug-2013 00:00:00
Trans1 Recv Date: 23-Aug-2013 00:00:00
Trans2 Recv Date: 03-Sep-2013 00:00:00
TSD Site Recv Date: 05-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 2204
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 007060991JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986928645
Trans2 State ID: NJD080631369
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 05-Sep-2013 00:00:00
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number EPA ID Number

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Trans2 EPA ID: Not reported
TSDF ID: MAC300017498
Waste Code: Not reported
Quantity: 582
Units: K - Kilograms (2.2 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378705JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H039

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 06-Sep-2013 00:00:00
TSD Site Recv Date: 09-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 100
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378706JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 04-Sep-2013 00:00:00
TSD Site Recv Date: 05-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 254
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378703JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 23-Aug-2013 00:00:00
Trans1 Recv Date: 23-Aug-2013 00:00:00
Trans2 Recv Date: 03-Sep-2013 00:00:00
TSD Site Recv Date: 05-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 2204
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 007060991JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986928645
Trans2 State ID: NJD080631369
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 05-Sep-2013 00:00:00
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: MAC300017498
Waste Code: Not reported
Quantity: 582
Units: K - Kilograms (2.2 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378705JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H039

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Trans2 State ID: PAD146714878
Generator Ship Date: 30-Aug-2013 00:00:00
Trans1 Recv Date: 30-Aug-2013 00:00:00
Trans2 Recv Date: 06-Sep-2013 00:00:00
TSD Site Recv Date: 09-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 100
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378706JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 2013-08-30
Trans1 Recv Date: 2013-08-30
Trans2 Recv Date: 2013-09-04
TSD Site Recv Date: 2013-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 254
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378703JJK
Import Ind: N

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 2013-08-23
Trans1 Recv Date: 2013-08-23
Trans2 Recv Date: 2013-09-03
TSD Site Recv Date: 2013-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: ALD000622464
Waste Code: Not reported
Quantity: 2204
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 007060991JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986928645
Trans2 State ID: NJD080631369
Generator Ship Date: 2013-08-30
Trans1 Recv Date: 2013-08-30
Trans2 Recv Date: 2013-09-05
TSD Site Recv Date: 2013-09-26
Part A Recv Date: Not reported

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: MAC300017498
Waste Code: Not reported
Quantity: 582
Units: K - Kilograms (2.2 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378705JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H039

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 2013-08-30
Trans1 Recv Date: 2013-08-30
Trans2 Recv Date: 2013-09-06
TSD Site Recv Date: 2013-09-09
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000199968
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 100
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 006378706JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

SPILLS:
Facility ID: 0402598
Facility Type: ER
DER Facility ID: 233652
Site ID: 288471
DEC Region: 2
Spill Date: 6/9/2004
Spill Number/Closed Date: 0402598 / Not Reported
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 6/9/2004
CID: 444
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 6/9/2004
Spill Record Last Update: 8/12/2010
Spiller Name: BRAD MULLNER
Spiller Company: PS 372 SCHOOL
Spiller Address: 512 CARROLL ST.
Spiller City,St,Zip: BROOKLYN, NY 11215
Spiller Company: 001
Contact Name: BRAD MULLNER
Contact Phone: (212) 363-4223 57
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project.12/08/2005: Joe White spoke sith James Merlo, the NYC Schools spill coordinator, who will be sending the closeoout report for this spill.1/9/2006: Mr Merlo indicated that this property is not managed by the NYC Division of School Facilities but is privately owned.1/23/2006: Joe White sent a letter to school superintendent requesting additional information. A copy of this letter is on eDocs files system for our records.1/27/2006: Joe White received a call from the school maintennce, Vinnie Peters (718-923-1650) who indicated that they had no records for the spill and the contact number for the Berger firm that did the work did not work. However, Vinnie indicated that there is no obvious problem currently at the site and no work is ongoing at present to address any problem and they are not aware of any problem. This spill was addressed in the past and work concluded. Joe White will follow up to see if we can get something from the Berger firm to document closure.11/16/06 - Austin - Reassigned to Rahman for followup/review

NYC DEPT OF EDUCATION - PS 834K (Continued) **S106469867**

- end11/19/09Letter was sent to(asking pertinent documents)P.S. 372, The Children's School512 Carroll StreetBrooklyn, NY 11215Attn: Lorraine Boyhan(sr)12/14/09 Rec'd letter requesting extension of report submittal.Letter is from Wingate,Kearney & Cullen,LLP.(sr)04/5/10 Rec'd email from Katie Coon.She is with Wingate,Kearney & Cullen.She has requested the copy of the Phase II report to the tenant.Once she receives the report, she will forward it to DEC.(sr)

Remarks: LAB RESULTS BACK , 5 BORINGS, OBTAINED ELEVATED READINGS TYPE OF CHEMICALS FOUND IN SOIL, SEMIVOLATILES; IN GROUND WATER HAD VOC'S MAINLY DEALING WITH BTECHS ALSO SOME SEMIVOLATILES IN GROUNDWATER

Material:

Site ID:	288471
Operable Unit ID:	884268
Operable Unit:	01
Material ID:	490215
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

J101 **NYC DEPT OF EDUCATION - PS 834K** **RCRA-SQG 1016144416**
SE **512 CARROLL ST** **FINDS NYR000199968**
1/8-1/4 **BROOKLYN, NY**
0.130 mi.
688 ft. **Site 5 of 5 in cluster J**

Relative: Higher

Actual: 21 ft.

RCRA-SQG:

Date form received by agency:	04/23/2013
Facility name:	NYC DEPT OF EDUCATION - PS 834K
Facility address:	512 CARROLL ST BROOKLYN, NY 11215
EPA ID:	NYR000199968
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(718) 472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

NYC DEPT OF EDUCATION - PS 834K (Continued) **1016144416**

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 472-8501
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	05/17/1973
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPT OF SCHOOL FACILITIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	05/17/1973
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code:	B004
Waste name:	B004
Waste code:	B007
Waste name:	B007
Violation Status:	No violations found

FINDS:

Registry ID: 110055471760

Environmental Interest/Information System

P102 **450-460 UNION STREET** **NY UST** **U004177702**
NW **450-460 UNION STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.131 mi.
691 ft. **Site 4 of 4 in cluster P**

Relative:
Higher

Actual:
15 ft.

UST:
Id/Status: 2-611519 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014-12-07
UTM X: Not reported
UTM Y: Not reported
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 445788
Affiliation Type: Facility Owner
Company Name: MEADOW STREET PARTNERS LLC
Contact Type: AGENT
Contact Name: BARRY LEON
Address1: 350 FIFTH AVE SUITE 7710
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10118
Country Code: 001
Phone: (212) 465-9100
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 3/27/2012

Site Id: 445788
Affiliation Type: Mail Contact
Company Name: MEADOW STREET PARTNERS LLC
Contact Type: AGENT
Contact Name: BARRY LEON
Address1: 350 FIFTH AVE SUITE 7710
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10118
Country Code: 001
Phone: (212) 465-9100
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 3/27/2012

Site Id: 445788
Affiliation Type: On-Site Operator
Company Name: 450-460 UNION STREET
Contact Type: Not reported
Contact Name: MOHAMMED
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY

450-460 UNION STREET (Continued) **U004177702**

Zip Code: Not reported
Country Code: 001
Phone: (646) 258-2478
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 3/27/2012

Site Id: 445788
Affiliation Type: Emergency Contact
Company Name: MEADOW STREET PARTNERS LLC
Contact Type: Not reported
Contact Name: BARRY LEON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/1/2011

Tank Info:

Tank Number: 001
Tank ID: 238241
Tank Status: A
Material Name: A
Capacity Gallons: 550
Install Date: 01/01/1989
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 06/11/2013

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground

450-460 UNION STREET (Continued) **U004177702**

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

M103 **CONSOLIDATED EDISON** **NY MANIFEST** **S108980675**
SSE **3RD AVE & 1ST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.131 mi.
694 ft. **Site 3 of 3 in cluster M**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

EPA ID:	NYP004155701
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-10
Trans1 Recv Date:	2008-01-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004155701
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	300.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437071FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CONSOLIDATED EDISON (Continued) **S108980675**

Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-10
Trans1 Recv Date:	2008-01-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004155701
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	300.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437071FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-10
Trans1 Recv Date:	2008-01-10
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004155701
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	300.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0

CONSOLIDATED EDISON (Continued) **S108980675**

Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437071FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

L104 **DOUGLAS & DEGRAW** **NY CBS AST** **S102639135**
NNE **NEVINS ST, DOUGLAS ST., 3 AVE** **NY CBS** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.139 mi.
736 ft. **Site 11 of 15 in cluster L**

Relative:
Lower

Actual:
7 ft.

CBS AST:

CBS Number:	2-000136
ICS Number:	2-700512
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	ACTIVE FACILITY
Facility Type:	TRUCKING/TRANSPORTATION
Telephone:	(718) 625-3268
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	12/08/1999
Total Capacity of All Active Tanks(gal):	500
Operator:	MIKE LETT
Emergency Contact:	BROOKLYN PARKS H.Q.
Emergency Phone:	(718) 965-8955
Owner Name:	N.Y.C. DEPT. OF PARKS & RECREATION
Owner Address:	95 PROSPECT PARK W.
Owner City,St,Zip:	BROOKLYN, NY 11215
Owner Telephone:	(718) 965-8900
Owner Type:	Local Government
Owner Sub Type:	Not reported
Mail Name:	N.Y.C. DEPT. PARKS & RECREATION
Mail Contact Addr:	95 PROSPECT PARK W.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	BROOKLYN PARKS H.Q.
Mail Contact City,St,Zip:	BROOKLYN, NY 11215
Mail Phone:	(718) 965-8900
Tank Id:	001
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	06/85
Tank Closed:	Not reported

DOUGLAS & DEGRAW (Continued) **S102639135**

Capacity (Gal):	500
Chemical:	Chlorine
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	1
Tank Secret:	False
Tank Containment:	Vault (w/access)
Tank Error Status:	No Missing Data
Date Entered:	07/19/1989
Certified Date:	08/13/1997
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Other
External Protection:	None,Other
Pipe Location:	Underground
Pipe Type:	PLASTIC
Pipe Internal:	Other
Pipe External:	09
Pipe Containment:	None,None
Pipe Flag:	None,None
Leak Detection:	None,Impressed Current
Overfill Protection:	15
Haz Percent:	15
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	09/29/93
Is It There:	False
Delinquent:	False
Date Expired:	12/08/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	09/06/2001

CBS:

CBS Number:	2-000136
Program Type:	CBS
Facility Status:	Administratively Closed
Expiration Date:	12/08/1999
Dec Region:	2
UTMX:	585697.25818999
UTMY:	4503775.8061300

Q105 **BROOKLYN HEIGHTS - RED HOOK EMS STATION** **NY UST** **U004046221**
West **347 BOND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.142 mi.
748 ft. **Site 1 of 10 in cluster Q**

Relative:
Higher

Actual:
16 ft.

UST:

Id/Status:	2-610081 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **U004046221**

Expiration Date: 2015-12-21
UTM X: 585318.93039999995
UTM Y: 4503568.1512099998
Site Type: Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:

Site Id: 357149
Affiliation Type: On-Site Operator
Company Name: BROOKLYN HEIGHTS - RED HOOK EMS STATION
Contact Type: Not reported
Contact Name: COMPANY OFFICER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/21/2005

Site Id: 357149
Affiliation Type: Emergency Contact
Company Name: JOSEPH MASTROPIETRO, FDNY
Contact Type: Not reported
Contact Name: E.O.C
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/7/2010

Site Id: 357149
Affiliation Type: Mail Contact
Company Name: FIRE DEPARTMENT OF NEW YORK
Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLNAD CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: MASTROJ@FDNY.NYC.GOV
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/3/2014

Site Id: 357149

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **U004046221**

Affiliation Type: Facility Owner
Company Name: JOSEPH MASTROPIETRO, FDNY
Contact Type: Not reported
Contact Name: Not reported
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/21/2014

Tank Info:

Tank Number: 001
Tank ID: 209366
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 12/21/2005

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 002
Tank ID: 209367
Tank Status: Closed - Removed
Material Name: Closed - Removed

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **U004046221**

Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 12/21/2005

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None

Tank Number: 003
Tank ID: 209368
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 12/21/2005

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **U004046221**

C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 209369
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 10/03/2005
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: KXTANG
Last Modified: 12/21/2005

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Q106
West
1/8-1/4
0.142 mi.
748 ft.

PENSKE TRUCK LEASING CO LP
347 BOND ST
BROOKLYN, NY

RCRA NonGen / NLR **1000990241**
FINDS **NYR000002006**
NY MANIFEST
NY Spills

Site 2 of 10 in cluster Q

Relative:
Higher

Actual:
16 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: PENSKE TRUCK LEASING CO LP
Facility address: 347 BOND ST
BROOKLYN, NY 11231
EPA ID: NYR000002006
Mailing address: BOND ST

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

BROOKLYN, NY 11231
Contact: Not reported
Contact address: BOND ST
BROOKLYN, NY 11231
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: COSMO CORP C-O ABE STERN
Owner/operator address: 4515 18TH AVE
BROOKLYN, NY 11204
Owner/operator country: US
Owner/operator telephone: (718) 435-1944
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COSMO CORP C-O ABE STERN
Owner/operator address: 4515 18TH AVE
BROOKLYN, NY 11204
Owner/operator country: US
Owner/operator telephone: (718) 435-1944
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: PENSKE TRUCK LEASING CO LP
Classification: Not a generator, verified

Date form received by agency: 01/23/1996
Facility name: PENSKE TRUCK LEASING CO LP

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Classification: Not a generator, verified

Date form received by agency: 03/28/1995
Facility name: PENSKE TRUCK LEASING CO LP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004512000

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

NY MANIFEST:
EPA ID: NYR000002006
Country: USA
Mailing Name: PENSKE TRUCKING
Mailing Contact: C ROBINSON
Mailing Address: 347 BOND STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-797-4091

Document ID: NYC3237131
Manifest Status: Completed copy
Trans1 State ID: GF4332
Trans2 State ID: Not reported
Generator Ship Date: 950424
Trans1 Recv Date: 950424
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950424
Part A Recv Date: 950501
Part B Recv Date: 950502
Generator EPA ID: NYR000002006
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00047
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Waste Code: Not reported
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NYC3917305
Manifest Status: Completed copy
Trans1 State ID: JU4818
Trans2 State ID: Not reported
Generator Ship Date: 950622
Trans1 Recv Date: 950622
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950622
Part A Recv Date: 950630
Part B Recv Date: 950630
Generator EPA ID: NYR000002006
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00013
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NYC3603453
Manifest Status: Completed copy
Trans1 State ID: JU4818
Trans2 State ID: Not reported
Generator Ship Date: 950724
Trans1 Recv Date: 950724
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950724
Part A Recv Date: 950731

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Part B Recv Date: 950801
Generator EPA ID: NYR000002006
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00015
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NYC3637056
Manifest Status: Completed copy
Trans1 State ID: SU4813
Trans2 State ID: Not reported
Generator Ship Date: 950829
Trans1 Recv Date: 950829
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950829
Part A Recv Date: Not reported
Part B Recv Date: 950913
Generator EPA ID: NYR000002006
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00013
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NYC3718282
Manifest Status: Completed copy
Trans1 State ID: JU4818
Trans2 State ID: Not reported

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Generator Ship Date:	951024
Trans1 Recv Date:	951024
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951024
Part A Recv Date:	951102
Part B Recv Date:	951102
Generator EPA ID:	NYR000002006
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00016
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NYC3752280
Manifest Status:	Completed copy
Trans1 State ID:	NYGF4332
Trans2 State ID:	Not reported
Generator Ship Date:	951114
Trans1 Recv Date:	951114
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951114
Part A Recv Date:	951127
Part B Recv Date:	951130
Generator EPA ID:	NYR000002006
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00003
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Document ID:	NYC3908338
Manifest Status:	Completed copy
Trans1 State ID:	JU4858
Trans2 State ID:	Not reported
Generator Ship Date:	950920
Trans1 Recv Date:	950920
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950920
Part A Recv Date:	950929
Part B Recv Date:	951002
Generator EPA ID:	NYR000002006
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	95

Document ID:	NYC3793544
Manifest Status:	Completed copy
Trans1 State ID:	NYJU4818
Trans2 State ID:	Not reported
Generator Ship Date:	960111
Trans1 Recv Date:	960111
Trans2 Recv Date:	960111
TSD Site Recv Date:	960117
Part A Recv Date:	Not reported
Part B Recv Date:	960129
Generator EPA ID:	NYR000002006
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000708198
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00014
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NYG0497421
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 11341PNY
Trans2 State ID: Not reported
Generator Ship Date: 971016
Trans1 Recv Date: 971016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971021
Part A Recv Date: 971103
Part B Recv Date: 971113
Generator EPA ID: NYR000002006
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD045604964
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00250
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 97

Document ID: NYG0497295
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 11282PNY
Trans2 State ID: Not reported
Generator Ship Date: 971120
Trans1 Recv Date: 971120
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971202
Part A Recv Date: 971204
Part B Recv Date: 971223
Generator EPA ID: NYR000002006
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD045604964
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00250
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 97

SPILLS:
Facility ID: 0012792
Facility Type: ER
DER Facility ID: 307180
Site ID: 203229

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

DEC Region: 2
Spill Date: 3/2/2001
Spill Number/Closed Date: 0012792 / 4/11/2008
Spill Cause: Housekeeping
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: WXSUN
Referred To: JKRIMGOLD
Reported to Dept: 3/2/2001
CID: 282
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/2/2001
Spill Record Last Update: 4/17/2008
Spiller Name: CURT SCHMIDT
Spiller Company: GARAGE
Spiller Address: 347 BOND STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: CURT SCHMIDT
Contact Phone: (212) 353-8280
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"12/9/03 TJDSpill Reassigned Demeo >>> Rommel.8/26/05 - JZ: Mr. John O'Reede? from GemStar?, (718) 442-8200, called that three 550 gal gasoline USTs found on site. Tanks will be removed due to construction. Zhao has advised that PBS apllication is required for tank registration and removal. Spill case manager will be reassigned by superviser Kong Tang.Transferred to Sun. (JS/MS)11/20/06 See spill #0510863 - same address.5/20/07: Following was sent as per JKrimgold for sp#0510863. (JS/MS) A "Contaminated Soil Letter" was sent to:(Joseph MastropietroFire Dept of NY48-34 35th StreetLong Island City, NY 11101) 9/6/07: Need to get update of status and if 2 spills can be consolidated. See J.K. (JS/MS)
Remarks: over time material was spilled on the lot.they got boring samples back today and found contaminated soil.the garage is closed.

Material:
Site ID: 203229
Operable Unit ID: 834328
Operable Unit: 01
Material ID: 543062
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Site ID: 203229
Operable Unit ID: 834328
Operable Unit: 01
Material ID: 543063
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0510863
Facility Type: ER
DER Facility ID: 307180
Site ID: 356912
DEC Region: 2
Spill Date: 12/16/2005
Spill Number/Closed Date: 0510863 / 4/8/2008
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 12/16/2005
CID: 409
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/16/2005
Spill Record Last Update: 4/8/2008
Spiller Name: JOHN SAIA
Spiller Company: EMS BOND
Spiller Address: 347 BOND ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: JOHN SAIA
Contact Phone: (718) 442-8200
DEC Memo: December 23, 2005A "Contaminated Soil Letter" was sent to:(Joseph MastropietroFire Dept of NY48-34 35th StreetLong Island City, NY 11101)04/08/08. Duplicated spill with 0012792. JK.
Remarks: ONE DIESEL ABONDONED TANK AND TWO GASOLINE ABONDONED TANKS THAT WERE REMOVED. MR. GRIMGOLD FROM THE DEC WAS ON SITE YESTERDAY.

Material:

PENSKE TRUCK LEASING CO LP (Continued) **1000990241**

Site ID: 356912
Operable Unit ID: 1114203
Operable Unit: 01
Material ID: 2104282
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 356912
Operable Unit ID: 1114203
Operable Unit: 01
Material ID: 2104283
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Q107
West
1/8-1/4
0.142 mi.
748 ft.

Relative: Higher

Actual: 16 ft.

BROOKLYN HEIGHTS - RED HOOK EMS STATION **NY AST** **A100386201**
347 BOND STREET **N/A**
BROOKLYN, NY 11231

Site 3 of 10 in cluster Q

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610081
Program Type: PBS
UTM X: 585318.93039999995
UTM Y: 4503568.1512099998
Expiration Date: 2015-12-21
Site Type: Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:
Site Id: 357149
Affiliation Type: On-Site Operator
Company Name: BROOKLYN HEIGHTS - RED HOOK EMS STATION
Contact Type: Not reported
Contact Name: COMPANY OFFICER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **A100386201**

Country Code: 001
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/21/2005

Site Id: 357149
Affiliation Type: Emergency Contact
Company Name: JOSEPH MASTROPIETRO, FDNY
Contact Type: Not reported
Contact Name: E.O.C
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/7/2010

Site Id: 357149
Affiliation Type: Mail Contact
Company Name: FIRE DEPARTMENT OF NEW YORK
Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLNAD CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: MASTROJ@FDNY.NYC.GOV
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/3/2014

Site Id: 357149
Affiliation Type: Facility Owner
Company Name: JOSEPH MASTROPIETRO, FDNY
Contact Type: Not reported
Contact Name: Not reported
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/21/2014

BROOKLYN HEIGHTS - RED HOOK EMS STATION (Continued) **A100386201**

Tank Info:

Tank Number: 004A
Tank Id: 251450

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
G12 - Tank Secondary Containment - Double-Wall (Aboveground)
E00 - Piping Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/03/2005
Capacity Gallons: 150
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 03/21/2014
Material Name: Diesel

Q108 **CONSOLIDATED EDISON** **NY MANIFEST** **S110490972**
West **BOND & CARROLL STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.142 mi.
749 ft. **Site 4 of 10 in cluster Q**

Relative:
Higher

Actual:
16 ft.

NY MANIFEST:
EPA ID: NYP004207357
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported

CONSOLIDATED EDISON (Continued) **S110490972**

Generator Ship Date: 2010-05-27
Trans1 Recv Date: 2010-05-27
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-05-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004207357
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: Not reported
Quantity: 90.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 001442153FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2010-06-17
Trans1 Recv Date: 2010-06-17
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-06-18
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004207357
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: Not reported
Quantity: 75.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 001442163FLE
Import Ind: N
Export Ind: N

CONSOLIDATED EDISON (Continued) **S110490972**

Discr Quantity Ind: N
Discr Type Ind: Y
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

K109 **CON EDISON MANHOLE: 45284** **RCRA NonGen / NLR** **1016450854**
NNW **163 BOND ST** **NYP004298824**
1/8-1/4 **BROOKLYN, NY 11231**
0.143 mi.
753 ft. **Site 7 of 7 in cluster K**

Relative: Higher

Actual: 14 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/04/2013
Facility name: CON EDISON MANHOLE: 45284
Facility address: 163 BOND ST
BROOKLYN, NY 11231
EPA ID: NYP004298824
Contact: ANTHONY SIGNORE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (718) 666-4714
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 04/04/2013
Facility name: CON EDISON MANHOLE: 45284
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

O110
ESE
1/8-1/4
0.143 mi.
757 ft.

637 UNION ST
BROOKLYN, NY 11215

Site 2 of 4 in cluster O

EDR US Hist Auto Stat **1015586358**
N/A

Relative:
Higher

Actual:
22 ft.

EDR Historical Auto Stations:

Name:	HOLY LAND AUTO REPAIR CORP
Year:	2001
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2002
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR CORP
Year:	2003
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2005
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2006
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR CORP
Year:	2007
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR CORP
Year:	2008
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR CORP II
Year:	2009
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2010
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2011
Address:	637 UNION ST
Name:	HOLY LAND AUTO REPAIR
Year:	2012
Address:	637 UNION ST

O111
ESE
1/8-1/4
0.143 mi.
757 ft.

HOLYLAND AUTO REPAIR INC.
637 UNION STREET
BROOKLYN, NY 11215

Site 3 of 4 in cluster O

NY AST **A100178067**
N/A

Relative:
Higher

Actual:
22 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605796
Program Type:	PBS
UTM X:	585897.95441999997
UTM Y:	4503455.4589999998
Expiration Date:	2016-04-27
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	27663
Affiliation Type:	Facility Owner
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	PRESIDENT
Contact Name:	YOUSEF DARI
Address1:	637 UNION ST.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 246-9695
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/19/2009
Site Id:	27663
Affiliation Type:	Mail Contact
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	YOUSEF DARI
Address1:	637 UNION STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 246-9695
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/19/2009
Site Id:	27663
Affiliation Type:	On-Site Operator
Company Name:	HOLYLAND AUTO REPAIR INC.
Contact Type:	Not reported
Contact Name:	YOUSEF DARI
Address1:	Not reported
Address2:	Not reported
City:	Not reported

HOLYLAND AUTO REPAIR INC. (Continued) **A100178067**

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 246-9695
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/19/2009

Site Id: 27663
Affiliation Type: Emergency Contact
Company Name: HOLYLAND AUTO REPAIR INC.
Contact Type: Not reported
Contact Name: YOUSEF DARI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 246-9695
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/19/2009

Tank Info:

Tank Number: 001
Tank Id: 60481
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/2003
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

HOLYLAND AUTO REPAIR INC. (Continued) **A100178067**

Register: True
Modified By: NRLOMBAR
Last Modified: 06/19/2009
Material Name: Waste Oil/Used Oil

Q112 **REGENCY SERVICE CARTS INC** **RCRA NonGen / NLR** **1000912162**
West **337-361 CARROLL ST** **FINDS** **NY0000475137**
1/8-1/4 **BROOKLYN, NY 11231**
0.146 mi.
771 ft. **Site 5 of 10 in cluster Q**

Relative:
Higher

Actual:
17 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: REGENCY SERVICE CARTS INC
Facility address: 337-361 CARROLL ST
BROOKLYN, NY 11231
EPA ID: NY0000475137
Mailing address: CARROLL ST
BROOKLYN, NY 11231
Contact: CARL COCCHIOLA
Contact address: CARROLL ST
BROOKLYN, NY 11231
Contact country: US
Contact telephone: (718) 855-8304
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GIACOMO ABBATE
Owner/operator address: 337-361 CARROLL ST
BROOKLYN, NY 11231
Owner/operator country: US
Owner/operator telephone: (718) 855-8304
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GIACOMO ABBATE
Owner/operator address: 337-361 CARROLL ST
BROOKLYN, NY 11231
Owner/operator country: US
Owner/operator telephone: (718) 855-8304
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

REGENCY SERVICE CARTS INC (Continued) **1000912162**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: REGENCY SERVICE CARTS INC
Classification: Not a generator, verified

Date form received by agency: 07/21/1994
Facility name: REGENCY SERVICE CARTS INC
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/19/1995
Date achieved compliance: 09/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 07/19/1995
Date achieved compliance: 09/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/22/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

REGENCY SERVICE CARTS INC (Continued) **1000912162**

Evaluation date: 05/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/11/1995
Evaluation lead agency: State

Evaluation date: 05/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 09/11/1995
Evaluation lead agency: State

FINDS:

Registry ID: 110004317855

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

Q113
West
1/8-1/4
0.146 mi.
771 ft.

Relative: Higher

Actual: 17 ft.

REGENCY SERVICE CARTS **RCRA-SQG 1007204923**
337-361 CARROLL STREET **NY MANIFEST NYD000475137**
BROOKLYN, NY 11231

Site 6 of 10 in cluster Q

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: REGENCY SERVICE CARTS
Facility address: 337-361 CARROLL STREET
BROOKLYN, NY 112310000
EPA ID: NYD000475137
Contact: CARL COCCHIOLA
Contact address: 337-361 CARROLL STREET
BROOKLYN, NY 112310000
Contact country: US
Contact telephone: (718) 855-8304
Telephone ext.: 9999
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

REGENCY SERVICE CARTS (Continued) **1007204923**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: REGENCY SERVICE CARTS
Classification: Not a generator, verified

Date form received by agency: 02/21/1996
Facility name: REGENCY SERVICE CARTS
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NY0000475137
Country: USA
Mailing Name: REGENCY SERVICE CARTS INC
Mailing Contact: REGENCY SERVICE CARTS INC
Mailing Address: 337-361 CARROLL ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-855-8304

Document ID: NJA1611406
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 940819
Trans1 Recv Date: 940819
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940822
Part A Recv Date: Not reported
Part B Recv Date: 940919
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00350
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

REGENCY SERVICE CARTS (Continued) **1007204923**

Specific Gravity: 100
Year: 94

Document ID: NJA1611509
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 941111
Trans1 Recv Date: 941111
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941114
Part A Recv Date: Not reported
Part B Recv Date: 941123
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00550
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 010
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA2028951
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 950130
Trans1 Recv Date: 950130
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950130
Part A Recv Date: Not reported
Part B Recv Date: 950213
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 01210
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 022
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA2026118
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 960419

REGENCY SERVICE CARTS (Continued) **1007204923**

Trans1 Recv Date: 960419
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960419
Part A Recv Date: Not reported
Part B Recv Date: 960508
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00800
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: 06
Manifest Status: NYG5289039
Trans1 State ID: NYD000475137
Trans2 State ID: Not reported
Generator Ship Date: NCD095119210
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD054126164
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 12
Number of Containers: DM
Container Type: 660
Handling Method: G
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: NYG5289039
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2006
Trans1 Recv Date: 04/28/2006
Trans2 Recv Date: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

TSD Site Recv Date: 05/09/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: 1637984ME
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00660
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-01-19
Trans1 Recv Date: 2012-01-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-01-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159554JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Generator Ship Date: 2012-09-04
Trans1 Recv Date: 2012-09-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 600.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 11.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159742JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-01-19
Trans1 Recv Date: 2012-01-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-01-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159554JJK
Import Ind: N
Export Ind: N

REGENCY SERVICE CARTS (Continued) **1007204923**

Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-04
Trans1 Recv Date: 2012-09-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 600.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 11.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159742JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 1106
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220

REGENCY SERVICE CARTS (Continued) **1007204923**

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013

REGENCY SERVICE CARTS (Continued) **1007204923**

Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2013-02-27
Trans1 Recv Date: 2013-02-27
Trans2 Recv Date: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

TSD Site Recv Date: 2013-02-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2013-02-27
Trans1 Recv Date: 2013-02-27
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-02-28
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

REGENCY SERVICE CARTS (Continued) **1007204923**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

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

EPA ID: NYD000475137
Country: USA
Mailing Name: REGENCY SERVICE CARTS
Mailing Contact: CARL COCCLIOLA
Mailing Address: 337-361 CARROLL ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-855-8304

Document ID: NJA1611406
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 940819
Trans1 Recv Date: 940819
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940822
Part A Recv Date: Not reported
Part B Recv Date: 940919
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00350
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94

Document ID: NJA1611509
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 941111
Trans1 Recv Date: 941111
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941114
Part A Recv Date: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Part B Recv Date: 941123
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00550
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 010
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA2028951
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 950130
Trans1 Recv Date: 950130
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950130
Part A Recv Date: Not reported
Part B Recv Date: 950213
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 01210
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 022
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 95

Document ID: NJA2026118
Manifest Status: Completed copy
Trans1 State ID: S10344
Trans2 State ID: Not reported
Generator Ship Date: 960419
Trans1 Recv Date: 960419
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960419
Part A Recv Date: Not reported
Part B Recv Date: 960508
Generator EPA ID: NYD000475137
Trans1 EPA ID: NJD055090815
Trans2 EPA ID: Not reported
TSDF ID: NJD055090815
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00800
Units: P - Pounds
Number of Containers: 005

REGENCY SERVICE CARTS (Continued) **1007204923**

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: 06
Manifest Status: NYG5289039
Trans1 State ID: NYD000475137
Trans2 State ID: Not reported
Generator Ship Date: NCD095119210
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD054126164
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 12
Number of Containers: DM
Container Type: 660
Handling Method: G
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: NYG5289039
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2006
Trans1 Recv Date: 04/28/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/09/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: 1637984ME
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity: 00660
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REGENCY SERVICE CARTS (Continued) **1007204923**

Specific Gravity: 01.00
Year: 2006

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-01-19
Trans1 Recv Date: 2012-01-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-01-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159554JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-04
Trans1 Recv Date: 2012-09-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 600.0
Units: G - Gallons (liquids only)* (8.3 pounds)

REGENCY SERVICE CARTS (Continued) **1007204923**

Number of Containers: 11.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159742JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-01-19
Trans1 Recv Date: 2012-01-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-01-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159554JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported

REGENCY SERVICE CARTS (Continued) **1007204923**

Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 2012-09-04
Trans1 Recv Date: 2012-09-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-09-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 600.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 11.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009159742JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 1106
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK

REGENCY SERVICE CARTS (Continued) **1007204923**

Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00

REGENCY SERVICE CARTS (Continued) **1007204923**

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N

REGENCY SERVICE CARTS (Continued) **1007204923**

Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210
Waste Code: Not reported
Quantity: 110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NCD095119210
Trans2 State ID: Not reported
Generator Ship Date: 27-Feb-2013 00:00:00
Trans1 Recv Date: 27-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 28-Feb-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NCD095119210

REGENCY SERVICE CARTS (Continued) **1007204923**

Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 009160209JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H010

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: PAD982661381
Generator Ship Date: 17-May-2013 00:00:00
Trans1 Recv Date: 17-May-2013 00:00:00
Trans2 Recv Date: 23-May-2013 00:00:00
TSD Site Recv Date: 01-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000475137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 4
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 000490307WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

REGENCY SERVICE CARTS (Continued) **1007204923**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	PAD982661381
Generator Ship Date:	17-May-2013 00:00:00
Trans1 Recv Date:	17-May-2013 00:00:00
Trans2 Recv Date:	23-May-2013 00:00:00
TSD Site Recv Date:	01-Jun-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD000475137
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	Not reported
Quantity:	220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	4
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	000490307WAS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NCD095119210
Trans2 State ID:	Not reported
Generator Ship Date:	2013-02-27
Trans1 Recv Date:	2013-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD000475137
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NCD095119210
Waste Code:	Not reported
Quantity:	110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1

REGENCY SERVICE CARTS (Continued) **1007204923**

Year:	2013
Manifest Tracking Num:	009160209JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H010

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NCD095119210
Trans2 State ID:	Not reported
Generator Ship Date:	2013-02-27
Trans1 Recv Date:	2013-02-27
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-02-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD000475137
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NCD095119210
Waste Code:	Not reported
Quantity:	220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	4
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	009160209JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H010

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

N114
SE
1/8-1/4
0.147 mi.
775 ft.

Relative:
Higher

Actual:
22 ft.

R C C OF OUR LADY OF PEACE
522 CARROLL ST
BKLYN, NY 11215

Site 2 of 3 in cluster N

NY HIST UST **U000402864**
N/A

HIST UST:

PBS Number:	2-267562
SPDES Number:	Not reported
Emergency Contact:	FR LOUIS DETOMMASO OFM PASTOR
Emergency Telephone:	(718) 624-5122
Operator:	FR LOUIS DETOMMASO OFM PASTOR
Operator Telephone:	(718) 624-5122
Owner Name:	R C C OF OUR LADY OF PEACE
Owner Address:	522 CARROLL ST
Owner City,St,Zip:	BKLYN, NY 11215
Owner Telephone:	(718) 624-5122
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	R C C OF OUR LADY OF PEACE
Mailing Address:	522 CARROLL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11215
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Telephone:	(718) 624-5122
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	522 CARROLL ST
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	SCHOOL
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1998
Expiration Date:	08/17/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000

R C C OF OUR LADY OF PEACE (Continued) **U000402864**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	05/01/1998
Next Test Date:	05/01/2003
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

N115
SE
1/8-1/4
0.147 mi.
775 ft.

Relative:
Higher

Actual:
22 ft.

ROMAN CATHOLIC CHURCH OF OUR L
522 CARROLL ST
BROOKLYN, NY 11215

Site 3 of 3 in cluster N

NY UST **U001839551**
NY HIST UST **N/A**

UST:

Id/Status:	2-346667 / Administratively Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2007-12-14
UTM X:	585813.08518000005
UTM Y:	4503329.1478000004
Site Type:	School

Affiliation Records:

Site Id:	16960
Affiliation Type:	Facility Owner
Company Name:	ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	522 CARROLL ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 624-5122
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	16960
Affiliation Type:	Mail Contact
Company Name:	ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE

ROMAN CATHOLIC CHURCH OF OUR L (Continued) **U001839551**

Contact Type: Not reported
Contact Name: Not reported
Address1: 522 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 16960
Affiliation Type: On-Site Operator
Company Name: ROMAN CATHOLIC CHURCH OF OUR L
Contact Type: Not reported
Contact Name: FR LOUIS DETOMMASO, O.F.M.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 16960
Affiliation Type: Emergency Contact
Company Name: ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Contact Type: Not reported
Contact Name: FR LOUIS DETOMMASO, O.F.M.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 32929
Tank Status: Administratively Closed
Material Name: Administratively Closed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: Not reported

ROMAN CATHOLIC CHURCH OF OUR L (Continued) **U001839551**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 02/09/2012
Next Test Date: 02/09/2017
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 06/01/2012

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

HIST UST:
PBS Number: 2-346667
SPDES Number: Not reported
Emergency Contact: FR LOUIS DETOMMASO, O.F.M.
Emergency Telephone: (718) 624-5122
Operator: FR LOUIS DETOMMASO, O.F.M.
Operator Telephone: (718) 624-5122
Owner Name: ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Owner Address: 522 CARROLL ST
Owner City,St,Zip: BROOKLYN, NY 11215
Owner Telephone: (718) 624-5122
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: ROMAN CATHOLIC CHURCH OF OUR LADY OF PEACE
Mailing Address: 522 CARROLL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11215
Mailing Contact: Not reported
Mailing Telephone: (718) 624-5122
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 522 CARROLL ST
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: SCHOOL
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/29/1998
Expiration Date: 12/14/2007

ROMAN CATHOLIC CHURCH OF OUR L (Continued) **U001839551**

Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	05/01/1998
Next Test Date:	05/01/2003
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

O116 **CON EDISON** **NY MANIFEST** **S113918860**
ESE **604 UNION ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.153 mi.
807 ft. **Site 4 of 4 in cluster O**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:

EPA ID:	NYP004349064
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA

CON EDISON (Continued) **S113918860**

Mailing Phone:	212-460-3770
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	21-Aug-2013 00:00:00
Trans1 Recv Date:	21-Aug-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	21-Aug-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004349064
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002084362GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	21-Aug-2013 00:00:00
Trans1 Recv Date:	21-Aug-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	21-Aug-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004349064
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON (Continued) **S113918860**

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002084362GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-08-21
Trans1 Recv Date: 2013-08-21
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-08-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004349064
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002084362GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

L117 **EDR US Hist Auto Stat** **1015356392**
NNE **242 NEVINS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
824 ft. **Site 12 of 15 in cluster L**

Relative:
Higher

Actual:
10 ft.

EDR Historical Auto Stations:
Name: CUSTOM AUTO UPHOLSTERY
Year: 2010
Address: 242 NEVINS ST

L118 **CROSSBAY BAY CONTRACTING** **RCRA NonGen / NLR** **1000386132**
NNE **242 NEVINS ST** **NYD012515870**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
824 ft. **Site 13 of 15 in cluster L**

Relative:
Higher

Actual:
10 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: CROSSBAY BAY CONTRACTING
Facility address: 242 NEVINS ST
BROOKLYN, NY 11217
EPA ID: NYD012515870
Mailing address: NEVINS ST
BROOKLYN, NY 11217
Contact: Not reported
Contact address: NEVINS ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

CROSSBAY BAY CONTRACTING (Continued) **1000386132**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CROSSBAY BAY CONTRACTING
Classification: Not a generator, verified

Date form received by agency: 03/30/1995
Facility name: CROSSBAY BAY CONTRACTING
Classification: Unverified

Date form received by agency: 05/16/1988
Facility name: CROSSBAY BAY CONTRACTING
Classification: Large Quantity Generator

Violation Status: No violations found

L119 **ROYAL RECYCLING CORP.** **NY SWF/LF** **S105841715**
NNE **242 NEVINS STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.156 mi.
824 ft. **Site 14 of 15 in cluster L**

Relative:
Higher

Actual:
10 ft.

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: PETER MIGLIORINI; SUPERVISOR
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [24T87]
Active: No
East Coordinate: 585800
North Coordinate: 4503800
Accuracy Code: Not reported

ROYAL RECYCLING CORP. (Continued) **S105841715**

Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6103-00004
Authorization Date: Not reported
Expiration Date: Not reported

Flag: INACTIVE
Region Code: 2
Phone Number: 7187884731
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: M. GERARDO MAZZEI
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [24WE4]
Active: No
East Coordinate: 585665
North Coordinate: 4503843
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Concrete;Soil (Clean);Wood (Clean)
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

SPILLS:
Facility ID: 1103765
Facility Type: ER
DER Facility ID: 405887
Site ID: 451337
DEC Region: 2
Spill Date: 7/6/2011
Spill Number/Closed Date: 1103765 / 8/5/2011
Spill Cause: Deliberate
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 7/6/2011
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

ROYAL RECYCLING CORP. (Continued) **S105841715**

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/6/2011
Spill Record Last Update: 8/5/2011
Spiller Name: ECO JENNIFER OKONUK
Spiller Company: BROOKLYN TRUCK AND EQUIPTMENT CORP
Spiller Address: 242 NEVINS STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ECO JENNIFER OKONUK
Contact Phone: (718) 482-4885
DEC Memo: Ketani responded to the site.7/6/11 - Raphael Ketani. I arrived at the site at about noon time. The site was a large yard with a gray building on the back left corner that fronts on Nevins Street. The address is 242 Nevins Street (near Degraw and Nevins), Brooklyn, 11217. Several companies had their signs on the corrugated fence. These companies were Brooklyn Truck & Equipment, Phoenix Services Corp. (718) 567-2023, and Cole Partners, Inc. (718) 875-8300. I entered the yard and saw a red painted trailer (posssibly with a cement pump) on the left that had been leaking hydraulic fluid. The floor of the front half of the yard appeared to be partially paved and partially laid with paving stones. There was a steel plate in one location with holes in it. Vehicles were parked on both sides of the front half of the yard, but I did not see any leaks.Next, I went to the back half of the yard. The ground appeared to be only dirt. There were vehicles and construction machines parked along the west side and north edges of the yard. The Gowanus Canal bordered the west side of the yard and the water level was nearly even with the yard (maybe 3 feet below ground level). Most of the trucks belonged to two different garbage carting companies, M&G Carting, 303 5th Avenue, NY, 10016, (212) 689-0332, and Flash Recycling, 132 Ludlow Street, NY, 10002, (212) 673-6194 (Prince Street Station, P.O. Box 515, NY, 10012). Some of the trucks had leaked either motor oil or hydraulic oil. There was oil on the ground near one of the Flash Recycling trucks. One of the M&G Carting trucks looked like it hadn't been operational for a long time. There was a rolling container near this truck with many plastic bottles that had contained motor oil. I didn't see any leaking from the container, but this was not a proper container for liquids of any kind.After my tour of the back half of the yard, I entered the gray building. In many places, there was oil on the floor. I saw a zipper drain that looked like it may contain sludge. I entered the office of Brooklyn Truck & Equipment and met ECO Jennifer Okonuk (718) 482-4885 and the owner of the business, Bob Hepplewhite (718) 237-7976. ECO Okonuk informed me that she had called in the spill. She had been making inspections of garages when she came across Brooklyn Truck & Equipment. She said that she had issued two tickets to Mr. Hepplewhite, for noisome and unwholesome. Mr. Hepplewhite, ECO Okonuk and myself toured the garage. ECO Okonuk pointed out the area with oil saturated Speedi Dri next to a 275 gal. waste oil tank and a 275 gal. tank that Mr. Hepplewhite said contained fresh motor oil for the trucks. One of the workers at the garage dug through the Speedi Dri and showed us that there was a concrete floor below. I pointed out to Mr. Hepplewhite that there were containers of motor oil on racks in the back of the oil contaminated area. He said that these weren't his and that they were empty and had been there since before he had moved his business in. Mr. Hepplewhite added that the oil tank next to them also wasn't his

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number EPA ID Number

ROYAL RECYCLING CORP. (Continued) S105841715

and he knew nothing about it.Next, we went outside to the yard. I asked Mr. Hepplewhite about the trucks. He said that he makes extra money by leasing space for parking the trucks. I pointed out the spilled oil, the rolling container with oil bottles, and the derelict truck. I told him that he had to inform M&G Carting and Flash Recycling and get them to clean up the site and remove the oil bottles and the derelict leaking truck (ECO Okonuk claimed it was leaking). He said that he will do this. ECO Okonuk and I asked about the steel plate in the back half of the yard and the perforated steel plate in the front half of the yard, and whether he leased both halves. Mr. Hepplewhite said that he leased only the gray building and the back half of the yard. He added that the plates covered sewer tanks. He went on to say that when it rains, the entire yard floods 8 to 10 inches because the sewers back up under the street. Mr. Hepplewhite added that even the Gowanus Canal floods during the rain storms and spills into his yard. The yard and the vicinity is a low area. ECO Okonuk told me that she has seen this happen, too. He also stated that the building to the south can not be sold because there is oil underground from the coal gasification that took place many years ago. Mr. Hepplewhite commented that the EPA and the NYC DEP did borings throughout the yard and elsewhere because of the underground contamination. While we were in the yard, Andrew Kelly, enforcement officer - Emergency Response Engineer with the ER Unit (718) 595-4761 of the NYC DEP arrived. We went back inside the shop and I went over what needed to be done to clean up the site. These items were:1) clean up the saturated Speedi Dri and make sure fresh absorbent is kept at this location for any future spills that take place2) hire an environmental company to do soil borings in the saturated area, along the sides of the zipper drains and in the back half of the yard - if contamination is found, then it will have to be cleaned up3) call M&G and Flash and have them clean up their spills4) clean up the floor of the garage and have someone keep on top of the spills with absorbent and power washing (Mr. Hepplewhite stated that the garage is powerwashed once a month)5) hire a company to clean out the zipper drains (Mr. Hepplewhite said that there is a plug at the end of the last zipper and that nothing can flow to the sewers)I told Mr. Hepplewhite that the DEC will be sending a contaminated soil letter to him and to the owners of the property with a C-c to ECO Okonuk. I added that we will want a clean up report after everything is done. Mr. Hepplewhite said that he understood.There was one other spill case for the site. It was #0510846. It involved a 200 gal. oil spill to the yard and the street and the sewer on 12/16/05. Bonafide Energy was the responsible party. A valve had broken. The site was cleaned up by 4/21/06 and the case was closed. 7/8/11 - Raphael Ketani. I tried contacting M&G Carting (212) 689-0332 to let them know that they have to clean up the spilled oil around and under their trucks. However, I reached the answering machine of Frank Mormando. I left a message for him to contact me.I contacted Billy Huang, the owner of Flash Recycling (212) 673-6194. I told him that he had to clean up the spilled oil from under and around his trucks and the pool of stinking leachate. He said that he will get one of his crew to do this. I told him that the oil has to be put in an appropriate container for oil disposal and that the DEC will do an inspection next week to see whether he has complied with our request. I added that if the oil and leachate aren't cleaned up, then he could face fines and penalties. Mr. Huang said that the oil and leachate will be removed.I looked up the property ownership using ACRIS. The latest

ROYAL RECYCLING CORP. (Continued) **S105841715**

deed for block and lot 418 and 1 is held by 242 Nevins, Inc., 444 Third Avenue, Brklyn, 11215. The deed date is 7/27/05, it was prepared on 10/5/05, and filed on 1/12/06.The property manager is Marino Mazzei, Bonified Realty, 140 Portland Road, Highland, NJ, 07732, (718) 788-2222. I spoke to Mr. Mazzei and told him about the leaking red painted trailer, the leaking trucks and the spills at Brooklyn Truck & Equipment. I told him that Mr. Hepplewhite will take care of the spills in his garage and that the trucking companies have been notified about the spills from their trucks. Mr. Mazzei said that he will visit the site and see to it that everything is cleaned up. I sent a CSL to 242 Nevins, Inc. regarding the hydraulic fluid that is leaking from the red trailer and the leaking trucks. Another CSL went to Mr. Mazzei regarding the same issues.I also sent Mr. Hepplewhite (718) 237-7976 and Mr. Mazzei CSLs with the 5 items from above.Later, Mr. Mormando, the owner of M&G Carting (212) 689-0332, called me back. He said that he will clean up the spill under and around his trucks and he will have the rolling container emptied.7/12/11 - Raphael Ketani. Mr. Mazzei cell (347) 231-6440 called. He said that everything that the DEC was concerned about in the garage and in the yard has been cleaned up. He invited me to check the place. I told him that I will this week. However, I added that Mr. Hepplewhite still has to hire an environmental company to do soil borings in the former oil saturated area and along the sides of the zipper drains. He said that he understood.7/19/11 - Raphael Ketani. The CSL to 242 Nevins Inc. was returned in an unopened envelope as ATTEMPTED - NOT KNOWN.8/5/11 - Raphael Ketani. I made an unannounced site visit. The oil spill under the red trailer had been cleaned up. The small oil spills next to and around the garbage trucks had also been cleaned up. The small rolling trash dumpsters (about 1.5 cu. yds. each) had been emptied. I met Mr. Hepplewhite. He showed me the area inside the garage that had been badly affected by spilled oil. He said that the oil was actually on sheets of plywood, not on the garage floor. This appeared to be true as most of this area of the garage floor was very clean as if there had never been oil tanks here. It was cleaner than it could have been if someone had power washed the floor. All of the tanks and buckets had been removed. However, I did see a darkened corner of this area next to the racks which used to hold containers of oil. I knelt down at this corner, but didn't sense any oil odors. I assumed the darkening to be the result of moisture as it had rained heavily earlier during the week and the corrugated walls were not sealed to the floor. There still were mud puddles in the backyard where the garbage trucks were.Next, he showed me the new location of the waste oil tank. It was now in a larger tank which served as secondary containment - should any of his workers spill oil while transfering it to the tank. The tank was in between the two back garage doors. Mr. Hepplewhite showed me the zipper drains. They were now covered by steel plates which fit flush with the garage floor. The plates had holes so that wash water can enter the drains. He lifted up one plate and I could see the concrete bottom of the drain. There were no odors and the bottom of the drain looked to be in good condition without any cracks. Lastly, he showed me the drums of sediment that had been removed from the drains. The lids were securely attached to the drums and they looked to be ready for pickup. Mr. Hepplewhite said that the person who runs the waste oil pickup company will arrange for the drums to be picked up. I looked at the floor of the shop and it was very clean, except for a small puddle under one engine. This engine

ROYAL RECYCLING CORP. (Continued) **S105841715**

had just been drained. I pointed this out to Mr. Hepplewhite and he said that the spill will be cleaned up immediately. After this, I left.As the former waste oil tank area was very clean and as the zipper drains didn't smell as if they had oil and were in good condition, I decided that soil borings weren't necessary at the site.As the spills appeared to have been remediated, I have determined that there is no threat to the public or the environment. Therefore, I am closing the spill case. DLE had issued tickets. So their case will remain active.

Remarks: The whole ground of the garage is saturated. Been dumping there for 6 years. No clean up as of yet.

Material:

Site ID:	451337
Operable Unit ID:	1201535
Operable Unit:	01
Material ID:	2198065
Material Code:	0015
Material Name:	Motor Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

L120 **NYCDEP - GOWANUS PUMPING STATION** **RCRA-LQG** **1000153815**
NNE **201 DOUGLASS ST** **FINDS** **NYD982728602**
1/8-1/4 **BROOKLYN, NY** **NY HIST UST**
0.156 mi. **NJ MANIFEST**
824 ft. **Site 15 of 15 in cluster L** **NY MANIFEST**
NY Spills

Relative:
Higher

Actual:
10 ft.

RCRA-LQG:

Date form received by agency:	07/09/2012
Facility name:	NYC DEP BWT GOWANUS PS
Facility address:	201 DOUGLASS ST BROOKLYN, NY 11217
EPA ID:	NYD982728602
Mailing address:	HORACE HARDING EXPWY 2ND FLOOR LOW RISE CORONA, NY 11368
Contact:	CHRIS LAUDANDO
Contact address:	RALPH AVE BROOKLYN, NY 11234
Contact country:	US
Contact telephone:	(718) 564-2700
Contact email:	CLAUDANDO@DEP.NYC.GOV
EPA Region:	02
Land type:	Municipal
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: NYC ENVIRONMENTAL PROTECTION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1939
Owner/Op end date: Not reported

Owner/operator name: NYC ENVIRONMENTAL PROTECTION
Owner/operator address: HORACE HARDING EXPWY 2ND FLOOR LOW RISE
CORONA, NY 11368
Owner/operator country: US
Owner/operator telephone: (718) 595-5068
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1939
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 02/08/2012
Facility name: NYC DEP BWT GOWANUS PS
Classification: Large Quantity Generator

Date form received by agency: 08/21/2008
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP GOVANUS P S

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2007
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP - GOWANUS PUMPING STATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP - GOWANUS PUMPING STATION
Classification: Not a generator, verified

Date form received by agency: 08/31/2000
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP - GOWANUS PUMPING STATION
Classification: Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP - GOWANUS PUMPING STATION
Classification: Not a generator, verified

Date form received by agency: 04/17/1989
Facility name: NYC DEP BWT GOWANUS PS
Site name: NYCDEP - GOWANUS PUMPING STATION
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D008
Waste name: LEAD

Waste code: B007
Waste name: B007

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 456.5

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 191.4

Waste code: D008
Waste name: LEAD
Amount (Lbs): 244.2

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004429075

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HIST UST:
PBS Number: 2-456217
SPDES Number: Not reported
Emergency Contact: GEORGE SEPHIC
Emergency Telephone: (718) 326-2906
Operator: NYCDEP
Operator Telephone: (718) 965-2836
Owner Name: NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION
Owner Address: 59-17 JUNCTION BOULEVARD
Owner City,St,Zip: CORONA, NY 11368
Owner Telephone: (718) 595-4385
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Mailing Address: 59-17 JUNCTION BOULEVARD
Mailing Address 2: Not reported
Mailing City,St,Zip: CORONA, NY 11368
Mailing Contact: ROSEMARIC SUBASIC
Mailing Telephone: (718) 595-4385
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: Not reported
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 07/02/1999
Expiration Date: 12/06/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 1500
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Sacrificial Anode
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Fiberglass
Second Containment: A
Leak Detection: In-tank System
Overfill Prot: High Level Alarm
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Tankology [Vacutect]
Deleted: False

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 1500
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Sacrificial Anode
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Fiberglass
Second Containment: A
Leak Detection: In-tank System
Overfill Prot: High Level Alarm
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Tankology [Vacutect]
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 02/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

NJ MANIFEST:
Manifest Code: NJA5241849
EPA ID: NYD982728602
Date Shipped: 04/12/2006
TSDF EPA ID: NJD002200046
Transporter EPA ID: VTR000500090
Transporter 2 EPA ID: NYD980761191
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/12/2006
Date Trans2 Transported Waste: 04/17/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/17/2006
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07130622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Manifest Code:	NJA5241845
EPA ID:	NYD982728602
Date Shipped:	04/17/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	VTR000500090
Transporter 2 EPA ID:	NYD980761191
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/17/2006
Date Trans2 Transported Waste:	05/09/2006
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/09/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07110621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code: 008400763JJK

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

EPA ID:	NYD982728602
Date Shipped:	3/31/2011
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD980772768
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	GOWANUS PUMP STATION
Transporter-1 EPA Facility Name:	AUCHTER INDUSTRIAL VAC SERVICE INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CLEAN EARTH OF NORTH JERSEY INC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	3/31/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	3/31/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D002
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	55.00
Unit:	gallons
Hand Code:	H141

NY MANIFEST:
EPA ID: NYD982728602

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Country:	USA
Mailing Name:	GOWANUS PUMP STATION
Mailing Contact:	N/S
Mailing Address:	201 DOUGLASS ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11217
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-625-1757

Document ID:	06
Manifest Status:	000293787JJK
Trans1 State ID:	NYD982728602
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD982792384
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DM
Container Type:	170
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	000293787JJK
Trans1 State ID:	NYD982728602
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD982792384
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	6
Number of Containers:	DM
Container Type:	130
Handling Method:	G
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NJA5241845
Trans1 State ID:	NYD982728602
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	VTR000500090
TSD Site Recv Date:	Not reported
Part A Recv Date:	NYD980761191
Part B Recv Date:	2006-05-09
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	10
Handling Method:	P
Specific Gravity:	1
Waste Code:	T
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NJA5241849
Trans1 State ID:	NYD982728602
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	VTR980761191
TSD Site Recv Date:	Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Part A Recv Date: NYD980761191
Part B Recv Date: 2006-04-17
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DF
Container Type: 5
Handling Method: P
Specific Gravity: 1
Waste Code: R
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: NJA5241845
Manifest Status: Not reported
Trans1 State ID: VTR000500090
Trans2 State ID: NYD980761191
Generator Ship Date: 04/17/2006
Trans1 Recv Date: 04/17/2006
Trans2 Recv Date: 05/09/2006
TSD Site Recv Date: 05/09/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: 34213JY
Trans2 EPA ID: 50060
TSDF ID: NJD002200046
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: NJA5241849
Manifest Status: Not reported
Trans1 State ID: VTR980761191
Trans2 State ID: NYD980761191
Generator Ship Date: 04/12/2006
Trans1 Recv Date: 04/12/2006
Trans2 Recv Date: 04/17/2006
TSD Site Recv Date: 04/17/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Generator EPA ID: NYD982728602
Trans1 EPA ID: AT5107VT
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2006

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD980772768
Trans2 State ID: Not reported
Generator Ship Date: 2011-03-31
Trans1 Recv Date: 2011-03-31
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-03-31
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 55.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 008400763JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 2011-03-03
Trans1 Recv Date: 2011-03-03
Trans2 Recv Date: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

TSD Site Recv Date: 2011-03-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 87.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 007322060JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 2011-03-03
Trans1 Recv Date: 2011-03-03
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-03-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 24.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 007322060JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD0038120
Trans2 State ID: Not reported
Generator Ship Date: 2011-03-28
Trans1 Recv Date: 2011-03-28
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-03-30
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: Not reported
Quantity: 14206.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 008346041JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-07-10
Trans1 Recv Date: 2012-07-10
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-07-13
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 25.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 1.0
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000959164GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-05
Trans1 Recv Date: 2012-06-05
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 5000.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161870GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-06
Trans1 Recv Date: 2012-06-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 20.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161871GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-06
Trans1 Recv Date: 2012-06-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 5000.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 1.0

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Year: 2012
Manifest Tracking Num: 001161871GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-07
Trans1 Recv Date: 2012-06-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 80.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 4.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161872GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-07
Trans1 Recv Date: 2012-06-07

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 5000.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161872GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-07
Trans1 Recv Date: 2012-06-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 28000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161872GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-08
Trans1 Recv Date: 2012-06-08
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 124.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 6.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161873GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-08
Trans1 Recv Date: 2012-06-08
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 31040.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161873GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2012-06-09
Trans1 Recv Date: 2012-06-09
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-06-09
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982728602
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 80.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 4.0
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001161874GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Mgmt Method Type Code: H141

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

SPILLS:

Facility ID:	8904253
Facility Type:	ER
DER Facility ID:	246987
Site ID:	305752
DEC Region:	2
Spill Date:	7/28/1989
Spill Number/Closed Date:	8904253 / 7/29/1989
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	MANDALA
Referred To:	Not reported
Reported to Dept:	7/28/1989
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	7/29/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/6/1989
Spill Record Last Update:	2/5/2003
Spiller Name:	Not reported
Spiller Company:	NYCDEP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	NO INJURIES, FATALITIES OR EVACUATIONS, NO OTHER AGENCIES NOTIIFIED.

Material:

Site ID:	305752
Operable Unit ID:	931980
Operable Unit:	01
Material ID:	448305
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Tank Test:

Facility ID:	8803651
Facility Type:	ER
DER Facility ID:	270858
Site ID:	251551
DEC Region:	2
Spill Date:	7/27/1988
Spill Number/Closed Date:	8803651 / 7/27/1988
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Investigator:	CANZIANI
Referred To:	Not reported
Reported to Dept:	7/27/1988
CID:	Not reported
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	7/27/1988
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/2/1988
Spill Record Last Update:	7/7/2005
Spiller Name:	Not reported
Spiller Company:	NYCDEP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	Not reported

Material:

Site ID:	251551
Operable Unit ID:	918813
Operable Unit:	01
Material ID:	459192
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID: 9602974

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Facility Type:	ER
DER Facility ID:	270858
Site ID:	86355
DEC Region:	2
Spill Date:	5/31/1996
Spill Number/Closed Date:	9602974 / 12/31/1997
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	6/1/1996
CID:	351
Water Affected:	GOWANUS CANAL
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/1/1996
Spill Record Last Update:	12/24/2004
Spiller Name:	MICHAEL KOWALSKI
Spiller Company:	GOWANUS PUMPING STATION
Spiller Address:	201 DOUGLASS ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	MICHAEL KOWALSKI
Contact Phone:	(718) 372-7193
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN - SPEDES"
Remarks:	pump failure caused spill

Material:

Site ID:	86355
Operable Unit ID:	1030535
Operable Unit:	01
Material ID:	349208
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	7990000
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9802729
Facility Type:	ER
DER Facility ID:	270858

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Site ID:	267365
DEC Region:	2
Spill Date:	5/30/1998
Spill Number/Closed Date:	9802729 / 2/9/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	6/1/1998
CID:	281
Water Affected:	BUTTERMILK CHANNEL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/1/1998
Spill Record Last Update:	7/7/2005
Spiller Name:	VASSILIOS ZOUMBOULIAS
Spiller Company:	CITY OF NEW YORK
Spiller Address:	96-05 HORACE HARDING EXP.
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	VASSILIOS ZOUMBOULIAS
Contact Phone:	(718) 595-5021
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"2/9/04 - AUSTIN - SEWAGE BYPASS FROM ALMOST 6 YEARS AGO - NOT A SPILL - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END
Remarks:	CALLER STATES THAT A NEW MAIN AT ABOVE LOCATION FAILED CAUSING ABOVE MATERIAL TO SPILL INTO THE ABOVE BODY OF WATER. SPILLWAS CONTAINED AT 8AM ON 5/30/98. ALTERNATE MAIN BEING USED.NOT REPORTED EARLIER DUE THE FACT THAT THE SPILL COULDNT BECONFIRMED UNTIL TODAY.

Material:

Site ID:	267365
Operable Unit ID:	1060663
Operable Unit:	01
Material ID:	321049
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	270000
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9602000

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Facility Type:	ER
DER Facility ID:	270858
Site ID:	86354
DEC Region:	2
Spill Date:	5/10/1996
Spill Number/Closed Date:	9602000 / 11/10/2005
Spill Cause:	Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	AIIslam
Referred To:	Not reported
Reported to Dept:	5/10/1996
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/10/1996
Spill Record Last Update:	12/14/2005
Spiller Name:	Not reported
Spiller Company:	NYCDEP GOWANUS PUMP STA
Spiller Address:	201 DOUGLAS ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	(718) 965-2626
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"PAH'S FOUND IN SOIL, MTBE FOUND IN GROUNDWATER. PAH'S MAY BE FILL RELATED, RATHER THAN PETROLEUM RELATED.SITE TRANSFERRED FROM KOLLEENY TO I. ISLAM.11/10/05- Reviewed the GW monitoring report dated Sept. 28, 2005 submitted by Shaw Envtl. The site's only GW contamination remediation through natural attenuation was under semi-annual monitoring by GW samplings. Of the four monitoring wells, only one well was showing MTBE concentration ranging from 9ppb to 44ppb during the last four sampling events. During the latest sampling event in Sept/05, the MTBE level (9ppb)in that well was below TOGS guidance value. However, based on the historical data of the site and as per discussion in a meeting (11/9/05)with consultant & NYCDDC, it was decided to close the spill case and NFA letter is issued today. - II
Remarks:	caller received results of soil tests that were done at water pumping station which indicated contamination

Material:

Site ID:	86354
Operable Unit ID:	1033569
Operable Unit:	01
Material ID:	351794
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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

R121 **CON EDISON** **NY MANIFEST** **S113918165**
NE **OPP 265 DOUGLASS ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.158 mi.
836 ft. **Site 1 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP004341855
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05-Aug-2013 00:00:00
Trans1 Recv Date:	05-Aug-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06-Aug-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004341855
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002219361GBF
Import Ind:	N

CON EDISON (Continued) **S113918165**

Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05-Aug-2013 00:00:00
Trans1 Recv Date: 05-Aug-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06-Aug-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004341855
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002219361GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-08-05
Trans1 Recv Date: 2013-08-05
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-08-06
Part A Recv Date: Not reported

CON EDISON (Continued) **S113918165**

Part B Recv Date: Not reported
Generator EPA ID: NYP004341855
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002219361GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

R122 **D GAVER & SONS INC** **NY LTANKS** **U001831861**
NE **267 DOUGLASS ST** **NY UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217** **NY HIST UST**
0.159 mi.
839 ft. **Site 2 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

LTANKS:
Site ID: 104086
Spill Number/Closed Date: 8800904 / 10/2/1992
Spill Date: 4/28/1988
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 10/2/1992
Cleanup Meets Standard: False
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 4/28/1988
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 4/29/1988
Spill Record Last Update: 2/15/2002
Spiller Name: Not reported
Spiller Company: D. GARBER & SONS.
Spiller Address: Not reported

D GAVER & SONS INC (Continued) **U001831861**

Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 92017
DEC Memo: Not reported
Remarks: CAPACITY IS A 7,000 GALLON TANK WITH A LEAK RATE OF +2.248 G.P.H. THE TANK IS LOCATED UNDER CEMENT SO NAT RECOMMENDS TO UNCOVER AND RE-TEST FOR POSSIBLE AIR POCKETS.

Material:
Site ID: 104086
Operable Unit ID: 916385
Operable Unit: 01
Material ID: 460068
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 104086
Spill Tank Test: 1533785
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

UST:
Id/Status: 2-070114 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2002-03-10
UTM X: 585822.91212999995
UTM Y: 4503761.3185799997
Site Type: Other

Affiliation Records:
Site Id: 1532
Affiliation Type: Facility Owner
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: Not reported

D GAVER & SONS INC (Continued) **U001831861**

Address1: 267 DOUGLASS ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 858-2143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1532
Affiliation Type: Mail Contact
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: ROBERT GAVER
Address1: 267 DOUGLASS ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 858-2143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1532
Affiliation Type: On-Site Operator
Company Name: D GAVER & SONS INC
Contact Type: Not reported
Contact Name: ROBERT GAVER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 858-2143
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1532
Affiliation Type: Emergency Contact
Company Name: D GAVER & SONS
Contact Type: Not reported
Contact Name: ROBERT WALKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

D GAVER & SONS INC (Continued) **U001831861**

Phone:	(718) 852-0392
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	2762
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7000
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	05/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

HIST UST:

PBS Number:	2-070114
SPDES Number:	Not reported
Emergency Contact:	ROBERT WALKER
Emergency Telephone:	(718) 852-0392
Operator:	ROBERT GAVER
Operator Telephone:	(718) 858-2143
Owner Name:	D GAVER & SONS
Owner Address:	267 DOUGLASS ST
Owner City,St,Zip:	BROOKLYN, NY 11217
Owner Telephone:	(718) 858-2143
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	D GAVER & SONS
Mailing Address:	267 DOUGLASS ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11217
Mailing Contact:	ROBERT GAVER

D GAVER & SONS INC (Continued) **U001831861**

Mailing Telephone:	(718) 858-2143
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	267 DOUGLASS ST
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	03/27/1997
Expiration Date:	03/10/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	7000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	05/01/1993
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

S123 **NYCDEP** **NY MANIFEST** **S106468634**
North **210 DOUGLAS ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.164 mi.
867 ft. **Site 1 of 7 in cluster S**

Relative:
Lower

Actual:
6 ft.

NY MANIFEST:

EPA ID:	NYP000884635
Country:	USA
Mailing Name:	NYCDEP
Mailing Contact:	N/S
Mailing Address:	40 WORTH ST-RM 1331
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10013
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-566-4026

NY MANIFEST:
No Manifest Records Available

SPILLS:

Facility ID:	0401107
Facility Type:	ER
DER Facility ID:	89849
Site ID:	101394
DEC Region:	2
Spill Date:	5/1/2004
Spill Number/Closed Date:	0401107 / 5/3/2004
Spill Cause:	Unknown
Spill Class:	No spill occured. No DEC Response. No corrective action required.
SWIS:	2401
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	5/1/2004
CID:	27
Water Affected:	GOWANUS CANAL
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/1/2004
Spill Record Last Update:	5/3/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"5/3/04 tipple responded as requested by USCG. Tar balls

NYCDEP (Continued) **S106468634**

floating up from mass on bottom of canal. DEP also responded as requested by USCG because it was near thier outfall.The petroleum on the bottom of the canal is an old problem that apparently had been disturbed, tarballs were floating up from the bottom resulting in a sheen. Barring the dredging of the canal, this will continue to be an occasional annoyance.

Remarks: Caller reports unknown amount of what is believed to be oil in the Gowanus Canal. Caller believes it is coming from the Unknown Fuel Depot at 210 Douglas Street. Coast Guard is enroute to the scene. No cleanup company has been contacted as of yet.

Material:

Site ID:	101394
Operable Unit ID:	885251
Operable Unit:	01
Material ID:	492332
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

T124 **R C C OF OUR LADY OF PEACE** **NY AST** **A100295716**
SSE **201 1ST AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.165 mi.
872 ft. **Site 1 of 9 in cluster T**

Relative:
Higher

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-267562
Program Type:	PBS
UTM X:	585813.08518000005
UTM Y:	4503329.1478000004
Expiration Date:	2017-12-14
Site Type:	School

Affiliation Records:

Site Id:	11110
Affiliation Type:	Facility Owner
Company Name:	R C CHURCH OF OUR LADY OF PEACE
Contact Type:	PASTOR
Contact Name:	REV PATRICK BOYLE, OFM
Address1:	522 CARROLL ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001

R C C OF OUR LADY OF PEACE (Continued) **A100295716**

Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 7/27/2012

Site Id: 11110
Affiliation Type: Mail Contact
Company Name: R C CHURCH OF OUR LADY OF PEACE
Contact Type: PASTOR
Contact Name: REV PATRICK BOYLE, OFM
Address1: 522 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11215
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 7/27/2012

Site Id: 11110
Affiliation Type: Emergency Contact
Company Name: R C CHURCH OF OUR LADY OF PEACE
Contact Type: Not reported
Contact Name: REV PATRICK BOYLE, OFM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 7/27/2012

Site Id: 11110
Affiliation Type: On-Site Operator
Company Name: R C C OF OUR LADY OF PEACE
Contact Type: Not reported
Contact Name: REV PATRICK BOYLE, OFM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-5122
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 7/27/2012

R C C OF OUR LADY OF PEACE (Continued) **A100295716**

Tank Info:

Tank Number: 001
Tank Id: 18293
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1974
Capacity Gallons: 10000
Tightness Test Method: 03
Date Test: 05/01/1998
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 07/27/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 63954
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron

R C C OF OUR LADY OF PEACE (Continued) **A100295716**

Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1974
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	07/27/2012
Material Name:	#2 Fuel Oil (On-Site Consumption)

Q125 **363 BOND ST** **NY AST** **A100383100**
WSW **363 BOND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.167 mi.
882 ft. **Site 7 of 10 in cluster Q**

Relative:
Higher

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-612120
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	Not reported
Site Type:	Other

Affiliation Records:

Site Id:	488464
Affiliation Type:	Facility Owner
Company Name:	LSG 363 BOND STREET LLC
Contact Type:	EXEC. VICE PRESIDENT
Contact Name:	JOSEPH E. TEICHMAN
Address1:	1985 CEDAR BRIDGE AVENUE
Address2:	Not reported
City:	LAKEWOOD
State:	NJ
Zip Code:	08701
Country Code:	001
Phone:	(212) 616-9969
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	10/30/2013

Site Id:	488464
Affiliation Type:	Mail Contact
Company Name:	LANGAN EES & L ARCHITECTURE, DPC
Contact Type:	Not reported
Contact Name:	CHRIS MCMAHON
Address1:	619 RIVER DRIVE CENTER 1
Address2:	Not reported
City:	ELMWOOD PARK
State:	NJ
Zip Code:	07407

363 BOND ST (Continued) **A100383100**

Country Code:	001
Phone:	(201) 794-6900
EMail:	CMCMAHON@LANGAN.COM
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	10/30/2013

Site Id:	488464
Affiliation Type:	Emergency Contact
Company Name:	LSG 363 BOND STREET LLC
Contact Type:	Not reported
Contact Name:	FRANK UST
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 879-3106
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	10/30/2013

Site Id:	488464
Affiliation Type:	On-Site Operator
Company Name:	363 BOND ST
Contact Type:	Not reported
Contact Name:	VACANY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	11/18/2013

Tank Info:

Tank Number:	1
Tank Id:	250087

Equipment Records:

B00 - Tank External Protection - None
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

363 BOND ST (Continued) **A100383100**

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Unregistered
Pipe Model: Not reported
Install Date: 01/01/1938
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CGFREEDM
Last Modified: 11/18/2013
Material Name: #4 Fuel Oil (On-Site Consumption)

Tank Number: 2
Tank Id: 250088

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Unregistered
Pipe Model: Not reported
Install Date: 01/01/1938
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CGFREEDM
Last Modified: 11/18/2013
Material Name: #4 Fuel Oil (On-Site Consumption)

Q126
WSW
1/8-1/4
0.168 mi.
885 ft.

Relative: Higher

Actual: 17 ft.

TOLL BROOKLYN, LP **NY BROWNFIELDS S113916457**
64-98 1ST ST; 82-107 1ST ST; 119-145 2ND ST; **N/A**
BROOKLYN, NY 11231

Site 8 of 10 in cluster Q

BROWNFIELDS:
Program: BCP
Site Code: 348572
Site Description: Remediation of the site is proposed under the Brownfield Cleanup Program. The Toll Brooklyn, LP site is located in Kings County, NY and is comprised of three separate parcels, which were investigated separately between 1997 and 2005. The parcels include 363 Bond Street (Tax Block 452, Lot 1), 365 Bond Street (Tax Block 458, Lot 1) and 400 Carroll Street (Tax Block 452, Lot 15). The specific addresses listed in the BCP Application are: 64-98 1st Street; 82-107 1st Street; 119-145 2nd Street; 357-379 Bond Street; and 400-402 Carroll Street. Residential use is proposed for the Toll Brooklyn, LP site. Due to rezoning issues, the applicant withdrew their BCP application without prejudice in December 2006.
Env Problem: Despite the termination of this project, there is an ongoing spill investigation at this site. Spill #04-07393 was referred to the DEC Region 2 spills office in Long Island City, Queens County.
Health Problem: Not reported

R127
ENE
1/8-1/4
0.168 mi.
887 ft.

Relative: Higher

Actual: 20 ft.

280 DOUGLAS ST **NY LTANKS S101341149**
280 DOUGLAS STREET **NY Spills N/A**
BROOKLYN, NY

Site 3 of 7 in cluster R

LTANKS:
Site ID: 160988
Spill Number/Closed Date: 9410669 / 3/10/1995
Spill Date: 11/10/1994
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 3/10/1995
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 11/10/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/8/1994
Spill Record Last Update: 4/17/1995
Spiller Name: Not reported
Spiller Company: PENSKE TRUCK
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported

280 DOUGLAS ST (Continued) **S101341149**

Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 105739
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
Remarks: TO EX-TANK AFTER PUMPING OUT

Material:
Site ID: 160988
Operable Unit ID: 1008534
Operable Unit: 01
Material ID: 376536
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 160988
Spill Tank Test: 1543335
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 9415530
Facility Type: ER
DER Facility ID: 105739
Site ID: 160989
DEC Region: 2
Spill Date: 2/28/1995
Spill Number/Closed Date: 9415530 / 3/1/1995
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2/28/1995
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 3/1/1995

280 DOUGLAS ST (Continued) **S101341149**

Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/20/1995
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: WHALECO FUEL
Spiller Address: 1 COFFEY ST
Spiller City,St,Zip: BROOKLYN, NY 11231
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: BAD GAUGE WHEN FILLING - PRODUCT VENTED ONTO THE ROOF OF THE BUILDING. 7-10 PEOPLE FROM WHALECO FUEL THERE NOW TO CLEAN UP. PETROLEEUM TANK CLEANERS WAS UP ON ROOF.

Material:
Site ID: 160989
Operable Unit ID: 1008973
Operable Unit: 01
Material ID: 370713
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 40
Units: Gallons
Recovered: 40
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9415539
Facility Type: ER
DER Facility ID: 105739
Site ID: 121831
DEC Region: 2
Spill Date: 2/28/1995
Spill Number/Closed Date: 9415539 / 2/28/1995
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2/28/1995
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: 2/28/1995

280 DOUGLAS ST (Continued) **S101341149**

Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/20/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	WHALECO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks:	VENT LINE OVERFILLED DUE TO BAD GAUGE

Material:

Site ID:	121831
Operable Unit ID:	1008983
Operable Unit:	01
Material ID:	370722
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9310083
Facility Type:	ER
DER Facility ID:	105739
Site ID:	121830
DEC Region:	2
Spill Date:	11/18/1993
Spill Number/Closed Date:	9310083 / 11/18/1993
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	11/18/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	11/18/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported

280 DOUGLAS ST (Continued) **S101341149**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/19/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	WHALECO OIL CO.
Spiller Address:	1 COFFEY ST.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	DRIVER HOOKED UP TO THE WRONG TANK. WHALECO USED SPEEDY DRY AND SORBENTS TO CLEAN IT UP. NO CALL BACK.

Material:

Site ID:	121830
Operable Unit ID:	991794
Operable Unit:	01
Material ID:	392716
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

U128 **SEMPLE RIEGER CO** **RCRA NonGen / NLR** **1000347934**
East **635 SACKETT ST** **FINDS** **NYD986891885**
1/8-1/4 **BROOKLYN, NY** **NY MANIFEST**
0.168 mi.
888 ft. **Site 1 of 8 in cluster U**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SEMPLE RIEGER CO
Facility address:	635 SACKETT ST BROOKLYN, NY 112173196
EPA ID:	NYD986891885
Mailing address:	SACKETT ST BROOKLYN, NY 11217
Contact:	Not reported
Contact address:	SACKETT ST BROOKLYN, NY 11217
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

SEMPLE RIEGER CO (Continued) **1000347934**

Owner/Operator Summary:
Owner/operator name: SEMPLE RIEGER CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SEMPLE RIEGER CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: SEMPLE RIEGER CO
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SEMPLE RIEGER CO
Classification: Not a generator, verified

Date form received by agency: 02/16/1990
Facility name: SEMPLE RIEGER CO
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/20/1998

SEMPLE RIEGER CO (Continued) **1000347934**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004443273

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

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

NY MANIFEST:
EPA ID: NYD986891885
Country: USA
Mailing Name: SEMPLE RIEGER CO
Mailing Contact: SEMPLE RIEGER CO
Mailing Address: 635 SACKETT STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-855-3161

Document ID: NJA1137545
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 910620
Trans1 Recv Date: 910620
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910625
Part A Recv Date: 910701
Part B Recv Date: 910722
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

SEMPLE RIEGER CO (Continued) **1000347934**

Specific Gravity: 100
Year: 91

Document ID: NJA1206316
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 911008
Trans1 Recv Date: 911008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 911017
Part A Recv Date: 911029
Part B Recv Date: 911106
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NJA1320404
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920604
Trans1 Recv Date: 920604
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920608
Part A Recv Date: Not reported
Part B Recv Date: 920623
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NJA1463037
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 930128

SEMPLE RIEGER CO (Continued) **1000347934**

Trans1 Recv Date: 930128
Trans2 Recv Date: 930201
TSD Site Recv Date: 930201
Part A Recv Date: 930210
Part B Recv Date: 930212
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93

Document ID: NJA1613571
Manifest Status: Completed copy
Trans1 State ID: NJDPES869
Trans2 State ID: NJDEPS869
Generator Ship Date: 930624
Trans1 Recv Date: 930624
Trans2 Recv Date: 930628
TSD Site Recv Date: 930629
Part A Recv Date: 930702
Part B Recv Date: 930713
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA1744071
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 940511
Trans1 Recv Date: 940511
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940513
Part A Recv Date: 940519
Part B Recv Date: 940601
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897

SEMPLE RIEGER CO (Continued) **1000347934**

Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94

Document ID: NJA2086147
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: 0602
Generator Ship Date: 950609
Trans1 Recv Date: 950609
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950613
Part A Recv Date: Not reported
Part B Recv Date: 950626
Generator EPA ID: NYD986891885
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: NYD980769947
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00536
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

U129 **CONSOLIDATED EDISON** **NY MANIFEST** **1009238380**
East **V5491-633 SACKETT ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.168 mi.
888 ft. **Site 2 of 8 in cluster U**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:
EPA ID: NYP004047791
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0252573
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported

CONSOLIDATED EDISON (Continued) **1009238380**

Generator Ship Date: 12/21/1999
Trans1 Recv Date: 12/21/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/21/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004047791
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 80416AB
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00364
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

U130 **617 SACKETT STREET REALTY CORP.** **NY UST** **U000394275**
East **617 SACKETT STREET** **NY HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.168 mi.
888 ft. **Site 3 of 8 in cluster U**

Relative:
Higher

Actual:
24 ft.

UST:
Id/Status: 2-069299 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 1997-03-10
UTM X: 585895.33629000001
UTM Y: 4503546.9476500005
Site Type: Other

Affiliation Records:
Site Id: 1465
Affiliation Type: Facility Owner
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 617 SACKETT STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1465
Affiliation Type: Mail Contact
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO

617 SACKETT STREET REALTY CORP. (Continued) **U000394275**

Address1: 617 SACKETT STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1465
Affiliation Type: On-Site Operator
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 1465
Affiliation Type: Emergency Contact
Company Name: 617 SACKETT STREET REALTY CORP.
Contact Type: Not reported
Contact Name: LOUIS TURCO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 797-3434
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 2532
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

617 SACKETT STREET REALTY CORP. (Continued) **U000394275**

Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

HIST UST:

PBS Number: 2-069299
SPDES Number: Not reported
Emergency Contact: LOUIS TURCO
Emergency Telephone: (718) 948-0294
Operator: LOUIS TURCO
Operator Telephone: (718) 797-3434
Owner Name: 617 SACKETT STREET REALTY CORP.
Owner Address: 617 SACKETT STREET
Owner City,St,Zip: BROOKLYN, NY 11217
Owner Telephone: (718) 797-3434
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: 617 SACKETT STREET REALTY CORP.
Mailing Address: 617 SACKETT STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11217
Mailing Contact: LOUIS TURCO
Mailing Telephone: (718) 797-3434
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: Not reported
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 06/06/1995

617 SACKETT STREET REALTY CORP. (Continued) **U000394275**

Expiration Date:	03/10/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge, Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

R131 **RYDER TRUCK RENTAL INC** **RCRA NonGen / NLR** **1004756768**
ENE **280 DOUGLAS ST** **FINDS** **NYD981567431**
1/8-1/4 **BROOKLYN, NY 11217** **NY MANIFEST**
0.168 mi.
888 ft. **Site 4 of 7 in cluster R**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	RYDER TRUCK RENTAL INC
Facility address:	280 DOUGLAS ST BROOKLYN, NY 11217
EPA ID:	NYD981567431
Mailing address:	DOUGLAS ST BROOKLYN, NY 11217
Contact:	GERALD GASPARRINI
Contact address:	DOUGLAS ST BROOKLYN, NY 11217

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Contact country:	US
Contact telephone:	(718) 694-9873
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	280 INC
Owner/operator address:	129 DUTCHESS BLVD ATLANTIC BEACH, NY 11509
Owner/operator country:	US
Owner/operator telephone:	(516) 239-5831
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	280 INC
Owner/operator address:	129 DUTCHESS BLVD ATLANTIC BEACH, NY 11509
Owner/operator country:	US
Owner/operator telephone:	(516) 239-5831
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	RYDER TRUCK RENTAL INC
Classification:	Not a generator, verified
Date form received by agency:	10/27/1995
Facility name:	RYDER TRUCK RENTAL INC
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	05/19/1995
Facility name:	RYDER TRUCK RENTAL INC

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004411388

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

NY MANIFEST:
EPA ID: NYD981567431
Country: USA
Mailing Name: PENSKE TRUCK LEASING CO
Mailing Contact: PENSKE TRUCK LEASING CO
Mailing Address: 280 DOUGLASS ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-797-4091

Document ID: NJA0563800
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 890713
Trans1 Recv Date: 890713
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890725
Part A Recv Date: 890718
Part B Recv Date: 890810
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01100
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

Document ID: NYC0344733

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYGF2858
Trans2 State ID: Not reported
Generator Ship Date: 901029
Trans1 Recv Date: 901029
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901029
Part A Recv Date: 901203
Part B Recv Date: 901108
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NYC0591513
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYDL8164
Trans2 State ID: Not reported
Generator Ship Date: 901128
Trans1 Recv Date: 901128
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901128
Part A Recv Date: 910104
Part B Recv Date: 910104
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NYC0994511
Manifest Status: Completed copy
Trans1 State ID: NH8150
Trans2 State ID: Not reported
Generator Ship Date: 910523
Trans1 Recv Date: 910523
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910523
Part A Recv Date: 910606
Part B Recv Date: 910604

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 91

Document ID: NYC0602122
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY7636
Trans2 State ID: Not reported
Generator Ship Date: 901112
Trans1 Recv Date: 901112
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901112
Part A Recv Date: 901206
Part B Recv Date: 901212
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NYC0497417
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: GF3013
Trans2 State ID: Not reported
Generator Ship Date: 900919
Trans1 Recv Date: 900919
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901002
Part A Recv Date: 901105
Part B Recv Date: 901019
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYC0553511
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: GF3013
Trans2 State ID: Not reported
Generator Ship Date: 901015
Trans1 Recv Date: 901015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901030
Part A Recv Date: 901101
Part B Recv Date: 901114
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYC0655863
Manifest Status: Completed copy
Trans1 State ID: NYDL8164
Trans2 State ID: Not reported
Generator Ship Date: 901226
Trans1 Recv Date: 901226
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901226
Part A Recv Date: 910110
Part B Recv Date: 910108
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NYC0637604
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYGF4780
Trans2 State ID: Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Generator Ship Date:	901212
Trans1 Recv Date:	901212
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901212
Part A Recv Date:	910110
Part B Recv Date:	910110
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NYC0633025
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MT9351
Trans2 State ID:	Not reported
Generator Ship Date:	901210
Trans1 Recv Date:	901210
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901220
Part A Recv Date:	910115
Part B Recv Date:	910118
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0581578
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	901127
Trans1 Recv Date:	901127
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901127
Part A Recv Date:	910104
Part B Recv Date:	910108
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

RYDER TRUCK RENTAL INC (Continued) **1004756768**

TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0672917
Manifest Status:	Completed copy
Trans1 State ID:	NYDL8164
Trans2 State ID:	Not reported
Generator Ship Date:	910108
Trans1 Recv Date:	910108
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910108
Part A Recv Date:	910123
Part B Recv Date:	910131
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	91

Document ID:	NYC0717131
Manifest Status:	Completed copy
Trans1 State ID:	EF3013
Trans2 State ID:	Not reported
Generator Ship Date:	910201
Trans1 Recv Date:	910201
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910207
Part A Recv Date:	910225
Part B Recv Date:	910226
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Document ID:	NYC0680332
Manifest Status:	Completed copy
Trans1 State ID:	LF3013
Trans2 State ID:	Not reported
Generator Ship Date:	910110
Trans1 Recv Date:	910110
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910117
Part A Recv Date:	910123
Part B Recv Date:	910131
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1048612
Manifest Status:	Completed copy
Trans1 State ID:	AP6297
Trans2 State ID:	Not reported
Generator Ship Date:	910626
Trans1 Recv Date:	910626
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910626
Part A Recv Date:	910708
Part B Recv Date:	910705
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	91

Document ID:	NYC0881245
Manifest Status:	Completed copy
Trans1 State ID:	DF3013
Trans2 State ID:	Not reported
Generator Ship Date:	910402
Trans1 Recv Date:	910402
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910411
Part A Recv Date:	910412

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Part B Recv Date:	910425
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1053009
Manifest Status:	Completed copy
Trans1 State ID:	GF3013
Trans2 State ID:	Not reported
Generator Ship Date:	910624
Trans1 Recv Date:	910624
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910627
Part A Recv Date:	910708
Part B Recv Date:	910711
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC0833861
Manifest Status:	Completed copy
Trans1 State ID:	GF3013
Trans2 State ID:	Not reported
Generator Ship Date:	910304
Trans1 Recv Date:	910304
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910308
Part A Recv Date:	910315
Part B Recv Date:	910322
Generator EPA ID:	NYD981567431
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980753784
Waste Code:	F005 - UNKNOWN
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001

RYDER TRUCK RENTAL INC (Continued) **1004756768**

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NYC0936055
Manifest Status: Completed copy
Trans1 State ID: GF3013
Trans2 State ID: Not reported
Generator Ship Date: 910429
Trans1 Recv Date: 910429
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910502
Part A Recv Date: 910514
Part B Recv Date: 910516
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980753784
Waste Code: F005 - UNKNOWN
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NYC0926256
Manifest Status: Completed copy
Trans1 State ID: NM8150
Trans2 State ID: Not reported
Generator Ship Date: 910426
Trans1 Recv Date: 910426
Trans2 Recv Date: 910426
TSD Site Recv Date: 910426
Part A Recv Date: 910514
Part B Recv Date: 910507
Generator EPA ID: NYD981567431
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00172
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 91

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

R132 **RYDER TRUCK RENTAL, INC.** **NY UST** **U003030983**
ENE **280 DOUGLASS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.168 mi.
888 ft. **Site 5 of 7 in cluster R**

Relative:
Higher

Actual:
20 ft.

UST:
Id/Status: 2-333352 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2000-11-17
UTM X: 585884.72893999994
UTM Y: 4503731.00856
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 15813
Affiliation Type: Facility Owner
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 405A OAKWOOD ROAD
Address2: Not reported
City: HUNTINGTON STATION
State: NY
Zip Code: 11746
Country Code: 001
Phone: (516) 271-8686
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15813
Affiliation Type: Mail Contact
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: 280 DOUGLAS STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15813
Affiliation Type: On-Site Operator
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Zip Code: Not reported
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15813
Affiliation Type: Emergency Contact
Company Name: RYDER TRUCK RENTAL, INC.
Contact Type: Not reported
Contact Name: JERRY GASPARRINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 694-9873
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 20764
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 14
Date Test: 12/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
F00 - Pipe External Protection - None

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Tank Number: 002
Tank ID: 20765
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 003
Tank ID: 20766
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 20767
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

Tank Number: 005
Tank ID: 20768
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 04/01/1984
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 02
Date Test: 03/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 006
Tank ID: 20769
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: 06/01/1939
Date Tank Closed: 12/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 11/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Q133 **LOT 1,TAXBLOCK 458** **NY Spills** **S106720972**
WSW **365 BOND STREET** **NY BROWNFIELDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11231** **NY E DESIGNATION**
0.169 mi.
892 ft. **Site 9 of 10 in cluster Q**

Relative:
Higher

Actual:
18 ft.

SPILLS:
Facility ID: 0407393
Facility Type: ER
DER Facility ID: 266802
Site ID: 331823
DEC Region: 2
Spill Date: 10/4/2004
Spill Number/Closed Date: 0407393 / Not Reported
Spill Cause: Other

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JCGRATHW
Referred To:	BCP SITE - JOHN GRATHWOL IS PM
Reported to Dept:	10/4/2004
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	10/4/2004
Spill Record Last Update:	12/5/2013
Spiller Name:	MIMI SOTIRIIOU
Spiller Company:	Not reported
Spiller Address:	365 BOND STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	MIMI SOTIRIIOU
Contact Phone:	(646) 459-3528
DEC Memo:	CSL has been sent to:Joseph FillipsP.O.Box 451New York, NY 10028-0018YK.10/18/04. Paul Casowitz (212-421-2150)an attorney for Mr. J. Fillips called and informed that he is a contact person for this case. And a formal letter in response to our CSL will be sent soon. Y.K.08/30/05: I attempted to return Paul Casowitz's phone call. His message stated that his client would be filing a brownfields application to handle all the environmental concerns. I will check on this. Steve ScharfPcasowitz@sprlaw.comPaul Casowitz Sive Paget & Riesel, P.C. 460 Park Avenue New York, NY 10022 AKRF Inc. (Ally, King, Rosen and Fleming) will be consultant submitting application. Toll Brothers Inc., is buying the property.description: Phillips Bros is a trust, the purchase money is going mostly into escrow until the environmetnal issues are resolved. site is on the erie basin of the Gowonus canal. There was some free product identivied in the due diligance environmental sampling. Sampling was done by Petroleum Tank cleaners (718)624-4842. S. Scharf 09/07/05Sent the following e-mail to Paul Casowitz 2/28/06- "I am following up on 365 Bond Street. You were going to get back to me with regard to the open spill, spill No. 0407393, on the property and whether your client was going to file a Brownfields application. " thanks Steven M. Scharf, P.E.Reply: Steven,My client is the owner--Toll Bros is the contract vendee, they may have closed on title, I am not sure. Toll Brothers filed the BCP application for the site. I am away on vacation from 3/1-8--let me know if you have an application from Toll Bros. Of course in real estate, one never knows the name---special purpose entities being the rule. The BCP group should be able to advise you by the site location.- Paul Casowitz-Sive Paget & Riesel, P.C., 460 Park AvenueNew York, NY 10022 03/02/06: Copy of E-mail to Paul Casowitz:Paul,What I'm being told is that, under the NYS Navigation Law (Article 12), the owner at the time (your client) of the reported spill is responsible for remediation of the discharge. thanks, Steven M. Scharf, P.E. greater than greater than greater than "Paul

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Casowitz" 3/2/2006 9:44:11 AM greater than greater than greater than Steve, Good---I assume any issues re the spill will be addressed to the applicant.Paul: pcasowitz@sprlaw.com From: Steven Scharf [mailto:sxscharf@gw.dec.state.ny.us] Sent: Thu 3/2/2006 9:33 AMTo: Paul Casowitz Subject: RE: 365 Bond Street, Brooklyn, Spill no 0407393 Paul,FYI, A BCP application, App. No. C224116, was processed on 6/7/05.Thanks: Steven Scharf, P.E. NYSDECrefer to John Grathwol. Working on brownfield. S. scharfPreviously assigned to S. Scharf and J. Grathwol in Albany office.10/11/06 - Austin - Reassigned from Central Office staff to Piper, for follow up and closure - endDue to rezoning issues. the applicant withdrew the BCP application in December 2006.12/08/2008: This spill case was transferred to A. Doronova. ADFrom now on the progress on this case should be tracked under spill case No.0400876. Toll Brothers is potential buyer who will redevelop the site. AD04/2010: This site was listed as a part of Gowanus Cannal to EPA's Superfund Program. AD04/29/2010: Received an e-mail from Mr. Yudelson (attorney for Toll Brothers) saying:"AinuraThis email is to confirm that I have met with EPA and EPA indicated they will not be in a position to determine what, if any, remedial activities they will require at the Bond Street properties regarding the Superfund Site until the fall. I expect to meet with them again and will inform you if anything changes. Dave(917)295-6449"06/2010: Called and spoke with Mr. Yudelson. He told me that Toll Brothers is no longer interested in buying the site, after it was listed as a Superfund site. Mr. Yudelson gave me a contact info in EPA: Mr. Brian Carr, phone: (212)637-3170. AD07/26/2010: Called and left a message to D. Yudelson. AD07/28/2010: Called and left a message to Mr. P. Casowitz - attorney for Mr. Joseph Phillips. Later received a call from D. Yudelson. He told me that the site is owned by Mr. Phillips and Citibank. The site is currently for sale, and Mr. Yudelson is representing a potential buyer. He is going to meet with Mr. Phillips regarding the site cleanup and will contact us later with the results. AD08/04/2010: Called and spoke with Mr. Yudelson. He gave me a contact info of Mr. Niel Dorman (212)753-7500 - attorney for Mr. Phillips. Will call him. AD12/2/11 - Austin - Received call from Craig (917-952-8216), an independent consultatnt, who wished to know who the DEC project manager was for this spill report. I provided him DEC Doronova's name and phone #. He indicated that he was working with Dave Yudelson on this site, onbehalf of a new buyer (who, according to Craig, was a different buyer than was prevously involved with Mr. Yudelson). - end 12/02/2011: Received a messade from Craig Puerta, phone: 917-952-8216. Called and spoke with him regarding site remediation. Mr. Puerta said that they plan to do remedial excavation instead of soil stabilization as per old approved work plan. Requested him to submit revised work plan for review. AD 01/06/2012: Called and spoke with Mr. Puerta. He told me that his company did not signed the contract yet with the potential buyer, so they are waiting for buyer's decision. Called and spoke with D. Yudelson. He informed me that he is working for the potential buyer, who wants to buy all three properties, previously known as Tall Brooklyn Project and included three spill sites: # 0407393, # 0501697 and # 0400876. Mr. Yudelson said that the contract will be probably singed within next weeks. Mr. Graig Puerta is working with Mr. Yudelson and will be performing environmnetal services to the buyer. Mr. Yudelson will contact me, when contract will be finalazied. AD08/22/2012: Received the following e-mail from D. Yudelson:"Ainura - This project is under

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

consideration and I represent the prospective purchaser, Lightstone Group. The attached is proposed additional delineation sampling with an objective of amending the RAP's for excavation like at 400 Carroll. I believe if this is a go work will start this winter. We are coordinating with EPA and NYC as well. I will keep you posted on the progress and let me know if you have questions. Dave From: David Yudelson Sent: Monday, July 23, 2012 10:19 AMTo: Cole, Daniel (DanielCo@dep.nyc.gov)Cc: Steve Ciambruschini (sciambruschini@Langan.com); Christopher McMahon (cmcmahon@Langan.com)Subject: Need to schedule a meeting asapDan Attached are compilations of all existing data and proposed sampling locations. Soil gas has been added on each site and additional delineation is proposed. There is also an approved DEC work plan for 400 which provides for excavation. I need to know if the additional sampling is adequate as we are doing it asap during due diligence. Dave"DL documents into eDocs. AD10/22/2012: Called and spoke with D. Yudelson. He said that they planning to start additional investigation soon, and that a work plan for such investigation will be submitted in one week. ADThis site entered into BCP agreement and is managed by Albany. Site's PM is John Grathwol.12/5/13: Under BCP site code C224174, IRM Work Plan is approved to be release for public comment. Citizen Participation Plan is under Department review. A public availability session will be held during the public comment period. It is anticipated that the spill contamination will be removed during this IRM. The 2014 Decision Document will address the remaining, if any, contamination. (Grathwol)

Remarks: WHILE DOING SOIL BORINGS, FOUND CONTAMNATED SOIL:

Material:

Site ID:	331823
Operable Unit ID:	1094113
Operable Unit:	01
Material ID:	574232
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BROWNFIELDS:

Program: BCP
Site Code: 478842
Site Description: Location: The site is located at 365 Bond Street, Brooklyn, Kings County. The site is south of the intersection of Bond Street and First Street. It is bounded to the northeast by First Street, to the southeast by the Gowanus Canal, to the southwest by Second Street and to the northwest by Bond Street. Site Features: The site contains a vacant two-story commercial building that occupies the block's entire Bond Street frontage and a vacant lot used for truck parking and storage adjacent to the canal. It is approximately 2 acres in size.

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Current Zoning and Land Use(s): The site is zoned as M1-4/R7-2, a Special Mixed Use District comprised of light industrial, commercial and community facility (residential) uses, which is currently vacant.Past Use of the Site: Past uses of the site include an oil terminal, a lumber company, automobile storage and repair facility, and a dry cleaning facility.Site Geology and Hydrogeology: The site is underlain by a layer of miscellaneous fill material that is underlain by a continuous clay layer. It is underlain by an approximately 5.5-foot to 13-foor thick layer of miscellaneous fill material that is underlain by a clay layer that terminates at 15 feet below ground surface (bgs).Groundwater is approximately 2.5 to 10 feet bgs. Due the site's proximity to the Canal, groundwater flow is tidally influenced. An approximately 5 foot to 8 foot thick clay confining unit is located approximately 9 feet to 10 feel bgs that separates the shallow aquifer from the lower groundwater unit.Current Status: The Department approved the Interim Remedial Measure (IRM) Work Plan in March 2014. The excavation of soil source area and off-site disposal (the major component of this IRM) will begin in March 2014.

Env Problem: The primary contaminants of concern are xylene, lead, and benzo(a)anthracene. Soil source removal and off-site disposal and soil cover to prevent contact with remaining contamination will be the major components of remedial activities.Groundwater contamination is nominal and will improve upon the removal of contaminated soil.Based on insignificant levels of volatile organic compounds found in the soil gas results, soil vapor intrusion is not anticipated for this site. As a precaution, any newly constructed buildings will have a vapor barrier membrane and a sub-slab depressurization system.

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

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-221
Effective Date:	3/11/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP033K
Ulurp Number:	090047ZMK
Zoning Map No:	16c
Description:	Air Quality - HVAC fuel limited to natural gas
Borough Code:	BK
Community District:	306
Census Tract:	77
Census Block:	1004
School District:	15
City Council District:	39
Fire Company:	E279
Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

All Components1: M2-1
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: PHILLIPS JOSEPH B
Lot Area: 000089300
Total Building Floor Area: 00000062500
Commercial Floor Area: 00000062500
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000025000
Storage Floor Area: 00000000000
Factory Floor Area: 00000037500
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code: 7
Number of Buildings: 00002
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00002
Lot Frontage: 0180.83
Lot Depth: 0470.17
Building Frontage: 0070.00
Building Depth: 0090.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000450000
Total Assessed Value: 00000895500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1931
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.70
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3004580001
Condominium Number: 00000
Census Tract 2: 0077
X Coordinate: 0986829
Y Coordinate: 0186196
Zoning Map: 16C
Sanborn Map: 301 058
Tax Map: 30204
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

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

Tax Lot(s): 1
E-No: E-322
Effective Date: 3/18/2013
Satisfaction Date: Not reported
Ceqr Number: 08DCP033K
Ulurp Number: 130226CMK
Zoning Map No: 16c
Description: Air Quality - HVAC fuel limited to natural gas
Borough Code: BK
Community District: 306
Census Tract: 77
Census Block: 1004
School District: 15
City Council District: 39
Fire Company: E279
Health Area: 38
Police Precinct: 076
Zone District 1: M2-1
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: M2-1
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: PHILLIPS JOSEPH B
Lot Area: 000089300
Total Building Floor Area: 00000062500
Commercial Floor Area: 00000062500
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000025000
Storage Floor Area: 00000000000
Factory Floor Area: 00000037500
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code: 7
Number of Buildings: 00002
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00002
Lot Frontage: 0180.83
Lot Depth: 0470.17
Building Frontage: 0070.00
Building Depth: 0090.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Basement Type Grade:	5
Land Assessed Value:	00000450000
Total Assessed Value:	00000895500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.70
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004580001
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0986829
Y Coordinate:	0186196
Zoning Map:	16C
Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-322
Effective Date:	3/18/2013
Satisfaction Date:	Not reported
Ceqr Number:	08DCP033K
Ulurp Number:	130226CMK
Zoning Map No:	16c
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	306
Census Tract:	77
Census Block:	1004
School District:	15
City Council District:	39
Fire Company:	E279
Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M2-1

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	PHILLIPS JOSEPH B
Lot Area:	000089300
Total Building Floor Area:	00000062500
Commercial Floor Area:	00000062500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000025000
Storage Floor Area:	00000000000
Factory Floor Area:	00000037500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0180.83
Lot Depth:	0470.17
Building Frontage:	0070.00
Building Depth:	0090.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000450000
Total Assessed Value:	00000895500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.70
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004580001
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0986829
Y Coordinate:	0186196
Zoning Map:	16C
Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-322
Effective Date:	3/18/2013
Satisfaction Date:	Not reported
Ceqr Number:	08DCP033K
Ulurp Number:	130226CMK
Zoning Map No:	16c
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	306
Census Tract:	77
Census Block:	1004
School District:	15
City Council District:	39
Fire Company:	E279
Health Area:	38
Police Precinct:	076
Zone District 1:	M2-1
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M2-1
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	PHILLIPS JOSEPH B
Lot Area:	000089300
Total Building Floor Area:	00000062500
Commercial Floor Area:	00000062500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000025000
Storage Floor Area:	00000000000
Factory Floor Area:	00000037500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0180.83
Lot Depth:	0470.17
Building Frontage:	0070.00
Building Depth:	0090.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5

LOT 1,TAXBLOCK 458 (Continued) **S106720972**

Land Assessed Value:	00000450000
Total Assessed Value:	00000895500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.70
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3004580001
Condominium Number:	00000
Census Tract 2:	0077
X Coordinate:	0986829
Y Coordinate:	0186196
Zoning Map:	16C
Sanborn Map:	301 058
Tax Map:	30204
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

V134 **BAYSIDE FUEL OIL DEPOT** **NY AST** **U003074649**
NNW **267 BOND STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.171 mi.
902 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-017574
Program Type:	PBS
UTM X:	585501.02801999997
UTM Y:	4503834.7323599998
Expiration Date:	2017-11-13
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	145
Affiliation Type:	Facility Owner
Company Name:	LAA REALTY LLC OAAR REALTY LLC, VICTOR ALLEGRETTI
Contact Type:	TERMINAL OPERATIONS
Contact Name:	ANNA MARIE FRANZESE
Address1:	CREDIT SHELTER TRUST, 1776 SHORE PARKWAY
Address2:	Not reported
City:	BROOKLYN

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

State: NY
Zip Code: 11214
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/20/2009

Site Id: 145
Affiliation Type: Mail Contact
Company Name: BAYSIDE FUEL OIL CORP
Contact Type: Not reported
Contact Name: ANNA MARIE FRANZESE
Address1: 1776 SHORE PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11214
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/26/2007

Site Id: 145
Affiliation Type: On-Site Operator
Company Name: BAYSIDE FUEL OIL CORPORATION
Contact Type: Not reported
Contact Name: BAYSIDE FUEL OIL CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 946-7889
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 145
Affiliation Type: Emergency Contact
Company Name: BAYSIDE FUEL OIL CORPORATION
Contact Type: Not reported
Contact Name: VINCENT ALLEGRETTI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 916-4101
EMail: Not reported
Fax Number: Not reported

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Modified By: KXTANG
Date Last Modified: 9/26/2007

Tank Info:

Tank Number: 014
Tank Id: 27061
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Lube Oil

Tank Number: 015
Tank Id: 27062
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1985

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Lube Oil

Tank Number: 016
Tank Id: 53548
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 12/11/2012
Material Name: Waste Oil/Used Oil

Tank Number: OBF1
Tank Id: 227746
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 12/11/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: OBF2
Tank Id: 227747
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1985
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 12/11/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

SPILLS:
Facility ID: 0208144
Facility Type: ER
DER Facility ID: 348280
Site ID: 140390
DEC Region: 2
Spill Date: 11/5/2002
Spill Number/Closed Date: 0208144 / 6/10/2008

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	11/5/2002
CID:	233
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/5/2002
Spill Record Last Update:	6/10/2008
Spiller Name:	NICK
Spiller Company:	BAYSIDE FUEL OIL DEPOT
Spiller Address:	267 BOND ST
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	06/10/08 - LZThis spill has been consolidated with spill # 9810785 since they are related to this same property occupied by Bayside Fuel Oil Depot Company. See information about Spill #9810785 in the cabinet files. Especially, a report by a Cleaner Environment, dated 3/2/99 brings detailed information about contaminated soil at 267/285 Bond Street. 267 Bond Street is the address of the office and 285 Bond Street is the address of the service garage on this same property belonging to Bayside Fuel Oil Depot Company. Both the spills refer to contaminated soil found outside those buildings; Spill # 9810785 refers to contaminated soil in connection to removed USTs; Spill # 0208144 is about contaminated soil found at undetermined location on the site 08/21/07 - ZielinskiSpoke with Tom Gibbons; he said that the department would determine soon whether the site is accepted into the Brownfield Cleanup Program; he would copy me on the decision. 08-14-07 - ZielinskiIn his letter, dated August 7, 2007, (eDocs) Marcus Simons of AKRF asserts that the spill site has been accepted into Brownfield Cleanup Program, BCP # C224080. Tom Gibbons of DEC is the project manager.07/05/07- ZielinskiSpill #9810785 related to the the subject spill. See information about Spill #9810785 in the cabinet files. Especially, a report by a Cleaner Environment, dated 3/2/99 brings detaied information about contaminated soil at 267/285 Bond Street. 267 Bond Street is the address of the office and 285 Bond Street is the address of the service garage on this same property belonging to Bayside Fuel Oil Depot Company. Both the spills refer to contminated soil found outside those buildings; Spill #9810785 refers to contaminated soil in connection to removed USTs; Spill # 0208144 is about contaminated soil found at undetermined location on the site 05/25/07 - ZielinskiSent a letter to Vincent Allegretti,Bayside Fuel Oil Depot Corp.,1776 Shore ParkwayBrooklyn, NY, requesting information about a cause of the release and summarizing the cleanup activities,

BAYSIDE FUEL OIL DEPOT (Continued) **U003074649**

	observations, post-excavation sampling results (if necessary), and also including contaminated material disposal manifests or any other documentation (i.e. invoices, bills, etc.) of cleanup activities must be submitted to this office no later than one month from the date of this letter,Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"contaminated soil letter sent/od/mt11/14/03 TJDMarcus Simons (AKRF) @ 646 459 3527 called today to inform DEC that AKRF has been retained by prospective purchaser to perform investigation in accordance with DEC directives. AKRF was given 30 additional days to submit an investigation work plan for this site.3/28/05 - Austin - Reassigned from DeMeo to Zhao - site is a former MOSF - work done under VCP agreement? - review for closure - end
Remarks:	caller was hired to do aphase 2 test while doing testing contaminated soil was discovered on the site property owner is victor allegretti 1776 shore parkway brooklyn 11214 soil samples are being sent out for testing caller will contact regional office with more info

Material:

Site ID:	140390
Operable Unit ID:	861131
Operable Unit:	01
Material ID:	515147
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

V135
NNW
1/8-1/4
0.171 mi.
902 ft.

Relative: Higher

Actual: 13 ft.

BAYSIDE FUEL OIL CORP **NY UST** **U004076025**
267 BOND STREET **N/A**
BROOKLYN, NY 11231

Site 2 of 2 in cluster V

UST:

Id/Status:	2-017574 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017-11-13
UTM X:	585501.02801999997
UTM Y:	4503834.7323599998
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	145
Affiliation Type:	Facility Owner
Company Name:	LAA REALTY LLC OAAR REALTY LLC, VICTOR ALLEGRETTI
Contact Type:	TERMINAL OPERATIONS
Contact Name:	ANNA MARIE FRANZESE

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Address1: CREDIT SHELTER TRUST, 1776 SHORE PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11214
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/20/2009

Site Id: 145
Affiliation Type: Mail Contact
Company Name: BAYSIDE FUEL OIL CORP
Contact Type: Not reported
Contact Name: ANNA MARIE FRANZESE
Address1: 1776 SHORE PARKWAY
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11214
Country Code: 001
Phone: (718) 372-9800
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/26/2007

Site Id: 145
Affiliation Type: On-Site Operator
Company Name: BAYSIDE FUEL OIL CORPORATION
Contact Type: Not reported
Contact Name: BAYSIDE FUEL OIL CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 946-7889
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 145
Affiliation Type: Emergency Contact
Company Name: BAYSIDE FUEL OIL CORPORATION
Contact Type: Not reported
Contact Name: VINCENT ALLEGRETTI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Phone: (917) 916-4101
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/26/2007

Tank Info:

Tank Number: 001
Tank ID: 27048
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 12/11/2012

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 27049
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Modified By: MSBAPTIS
Last Modified: 12/11/2012

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 27050
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 27051
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 27052
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 27053
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Tank Number: 007
Tank ID: 27054
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 008

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Tank ID: 27055
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 009
Tank ID: 27056
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 010
Tank ID: 27057
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 011
Tank ID: 27058
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

Tank Number: 012
Tank ID: 27059
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 013
Tank ID: 27060
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 10/01/1997

BAYSIDE FUEL OIL CORP (Continued) **U004076025**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 017
Tank ID: 55722
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1960
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

136
ENE
1/8-1/4
0.171 mi.
903 ft.

Relative:
Higher

Actual:
21 ft.

280 DOUGLAS ST/PENSKE **NY LTANKS** **S102671834**
280 DOUGLAS ST/PENSKE **N/A**
BROOKLYN, NY

LTANKS:
Site ID: 280189
Spill Number/Closed Date: 9112095 / 3/3/1992
Spill Date: 2/25/1992
Spill Cause: Tank Overfill

280 DOUGLAS ST/PENSKE (Continued) **S102671834**

Spill Source: Private Dwelling
Spill Class: Not reported
Cleanup Ceased: 3/3/1992
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 2/25/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 3/2/1992
Spill Record Last Update: 3/4/1992
Spiller Name: Not reported
Spiller Company: OIL INDUSTRIAL LTD CO
Spiller Address: 336 9TH ST
Spiller City,St,Zip: BROOKLYN, NY 11215
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 227495
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
Remarks: CONTAINED ON PAVEMENT. 1 GALLON TO STORM DRAIN, POSSIBLY. NYCFD ON SITE, NYCDEP NOTIFIED.

Material:
Site ID: 280189
Operable Unit ID: 965689
Operable Unit: 01
Material ID: 417082
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

S137
North
1/8-1/4
0.178 mi.
939 ft.

Relative:
Lower

Actual:
2 ft.

MAGNIFICO ENTERPRISES
210 DOUGLASS ST
BROOKLYN, NY 11217

RCRA-SQG **1016451934**
NYR000205278

Site 2 of 7 in cluster S

RCRA-SQG:
Date form received by agency: 11/14/2013
Facility name: MAGNIFICO ENTERPRISES
Facility address: 210 DOUGLASS ST
BROOKLYN, NY 11217
EPA ID: NYR000205278
Mailing address: POINT CIRCLE
TEQUESTA, FL 33469
Contact: MICHAEL SBEGLIA
Contact address: CALDER PL
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 499-5100
Contact email: MSBEGLIA@DCANY.COM
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MAGNIFICO ENTERPRISES
Owner/operator address: POINT CIRCLE
TEQUESTA, FL 33469
Owner/operator country: US
Owner/operator telephone: (561) 401-9812
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/08/1992
Owner/Op end date: Not reported

Owner/operator name: EASTERN EFFECTS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/10/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

MAGNIFICO ENTERPRISES (Continued) **1016451934**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

138
NW
1/8-1/4
0.178 mi.
940 ft.

Relative:
Higher

Actual:
18 ft.

470 SACKETT ST
BROOKLYN, NY 11231

EDR US Hist Cleaners **1015064877**
N/A

EDR Historical Cleaners:
Name: GLEN STREET LAUNDRY INC
Year: 2007
Address: 470 SACKETT ST

Name: GLEN STREET LAUNDRY INC
Year: 2008
Address: 470 SACKETT ST

R139
ENE
1/8-1/4
0.179 mi.
946 ft.

Relative:
Higher

Actual:
20 ft.

ELECTRIC SWITCHBOARD CO INC
185 THIRD AVE
BROOKLYN, NY 11217

RCRA NonGen / NLR **1000181231**
NY MANIFEST **NYD001548254**

Site 6 of 7 in cluster R

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: ELECTRIC SWITCHBOARD CO INC
Facility address: 185 THIRD AVE
BROOKLYN, NY 112173003
EPA ID: NYD001548254
Mailing address: THIRD AVE
BROOKLYN, NY 11217
Contact: Not reported
Contact address: THIRD AVE
BROOKLYN, NY 11217
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: F RAYMOND WALSH

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: F RAYMOND WALSH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ELECTRIC SWITCHBOARD CO INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: ELECTRIC SWITCHBOARD CO INC
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: ELECTRIC SWITCHBOARD CO INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/17/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Evaluation lead agency: State

NY MANIFEST:
EPA ID: NYD001548254
Country: USA
Mailing Name: ELECTRIC SWITCHBOARD COMPANY
Mailing Contact: SOLLITTO VINCENT J PRESID
Mailing Address: 185 THIRD AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-643-1105

Document ID: NYO1586277
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 830228
Trans1 Recv Date: 830228
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830228
Part A Recv Date: 030308
Part B Recv Date: 030308
Generator EPA ID: NYD001548254
Trans1 EPA ID: NYD077515575
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: U226 - 1,1,1-TRICHLOROETHANE
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 83

Document ID: NYO2255472
Manifest Status: Completed copy
Trans1 State ID: 1A 019
Trans2 State ID: Not reported
Generator Ship Date: 831202
Trans1 Recv Date: 831202
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831202
Part A Recv Date: 031212
Part B Recv Date: 031212
Generator EPA ID: NYD001548254
Trans1 EPA ID: NYD077515575
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: U226 - 1,1,1-TRICHLOROETHANE
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 83

Document ID: NYO2255508
Manifest Status: Completed copy
Trans1 State ID: 1A 019
Trans2 State ID: Not reported
Generator Ship Date: 830609
Trans1 Recv Date: 830609
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830609
Part A Recv Date: 030616
Part B Recv Date: 030616
Generator EPA ID: NYD001548254
Trans1 EPA ID: NYD077515575
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: U226 - 1,1,1-TRICHLOROETHANE
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 83

Document ID: NJA0003000
Manifest Status: Completed copy
Trans1 State ID: NJSWAS632
Trans2 State ID: NANJ
Generator Ship Date: 840925
Trans1 Recv Date: 840925
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840925
Part A Recv Date: 841001
Part B Recv Date: 841002
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD048810279
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 84

Document ID: NYO1893015
Manifest Status: Completed copy

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 840807
Trans1 Recv Date: 840807
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840807
Part A Recv Date: 840813
Part B Recv Date: 840817
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD048810279
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: U226 - 1,1,1-TRICHLOROETHANE
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 84

Document ID: NJA0009917
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: JA-195NJS
Trans2 State ID: Not reported
Generator Ship Date: 850612
Trans1 Recv Date: 850612
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850612
Part A Recv Date: 851024
Part B Recv Date: 850617
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD048810279
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 85

Document ID: NYO2255499
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 840306
Trans1 Recv Date: 840306
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840306
Part A Recv Date: 840327
Part B Recv Date: 840326
Generator EPA ID: NYD001548254

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Trans1 EPA ID: NYD077515575
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: U226 - 1,1,1-TRICHLOROETHANE
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 84

Document ID: NJA0009466
Manifest Status: Completed copy
Trans1 State ID: JA-195NJS
Trans2 State ID: Not reported
Generator Ship Date: 850205
Trans1 Recv Date: 850205
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850205
Part A Recv Date: 850211
Part B Recv Date: 850212
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD048810279
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 85

Document ID: NJA0124884
Manifest Status: Completed copy
Trans1 State ID: NJDEP#S06
Trans2 State ID: Not reported
Generator Ship Date: 860326
Trans1 Recv Date: 860326
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860327
Part A Recv Date: 860401
Part B Recv Date: 860404
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Specific Gravity: 100
Year: 86

Document ID: NJA0124892
Manifest Status: Completed copy
Trans1 State ID: NJDEP#S06
Trans2 State ID: NJDEP#S06
Generator Ship Date: 860123
Trans1 Recv Date: 860123
Trans2 Recv Date: 860124
TSD Site Recv Date: 860124
Part A Recv Date: 860128
Part B Recv Date: 860207
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: NJD981138324
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00053
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NJA0173587
Manifest Status: Completed copy
Trans1 State ID: NY-JA195N
Trans2 State ID: Not reported
Generator Ship Date: 870319
Trans1 Recv Date: 870319
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870323
Part A Recv Date: 870324
Part B Recv Date: 870331
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NJA0315125
Manifest Status: Completed copy
Trans1 State ID: NJDEP#S06
Trans2 State ID: Not reported
Generator Ship Date: 870917

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Trans1 Recv Date: 870917
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870918
Part A Recv Date: 870922
Part B Recv Date: 870925
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00090
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NJA0462200
Manifest Status: Completed copy
Trans1 State ID: NJDEPS063
Trans2 State ID: Not reported
Generator Ship Date: 880830
Trans1 Recv Date: 880830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880901
Part A Recv Date: 880907
Part B Recv Date: 880908
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD982528168
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00090
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 88

Document ID: NJA0314142
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: JA1952272
Trans2 State ID: Not reported
Generator Ship Date: 880310
Trans1 Recv Date: 880310
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880311
Part A Recv Date: 880425
Part B Recv Date: 880322
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NJA0421567
Manifest Status: Completed copy
Trans1 State ID: NJDEP#S06
Trans2 State ID: NJDEPS063
Generator Ship Date: 880519
Trans1 Recv Date: 880519
Trans2 Recv Date: 880520
TSD Site Recv Date: 880520
Part A Recv Date: 880526
Part B Recv Date: 880531
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD982528168
Trans2 EPA ID: NJD982528168
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NJA0540759
Manifest Status: Completed copy
Trans1 State ID: NJDEPS063
Trans2 State ID: NJDEPS063
Generator Ship Date: 881206
Trans1 Recv Date: 881206
Trans2 Recv Date: 881207
TSD Site Recv Date: 881207
Part A Recv Date: 881213
Part B Recv Date: 881215
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD982528168
Trans2 EPA ID: NJD982528168
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Document ID: NJA0612237
Manifest Status: Completed copy
Trans1 State ID: NJDEPS063
Trans2 State ID: NJDEPS063
Generator Ship Date: 890321
Trans1 Recv Date: 890321
Trans2 Recv Date: 890322
TSD Site Recv Date: 890322
Part A Recv Date: 890404
Part B Recv Date: 890330
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD982528168
Trans2 EPA ID: NJD982528168
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA0640527
Manifest Status: Completed copy
Trans1 State ID: NJDEPS063
Trans2 State ID: Not reported
Generator Ship Date: 890711
Trans1 Recv Date: 890711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890712
Part A Recv Date: 890717
Part B Recv Date: 890719
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD982528168
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA0735225
Manifest Status: Completed copy
Trans1 State ID: NJDEPS-81
Trans2 State ID: Not reported
Generator Ship Date: 891108
Trans1 Recv Date: 891108
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891108
Part A Recv Date: 891114

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

Part B Recv Date: 891121
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD980525844
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NJA0841531
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS-81
Trans2 State ID: Not reported
Generator Ship Date: 900305
Trans1 Recv Date: 900305
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900305
Part A Recv Date: 900507
Part B Recv Date: 900402
Generator EPA ID: NYD001548254
Trans1 EPA ID: NJD156163438
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

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

W140 **EDR US Hist Auto Stat** **1015225020**
WSW **142 2ND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.181 mi.
954 ft. **Site 1 of 4 in cluster W**

Relative:
Higher

Actual:
10 ft.

EDR Historical Auto Stations:
Name: MEINEKE DISCOUNT MUFFLERS
Year: 2001
Address: 142 2ND ST

S141 **259 BOND STREET** **NY UST** **U003712137**
NNW **259 BOND STREET** **NY HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 112**
0.181 mi.
958 ft. **Site 3 of 7 in cluster S**

Relative:
Higher

Actual:
12 ft.

UST:

Id/Status:	2-604303 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2004-11-23
UTM X:	585510.42307000002
UTM Y:	4503863.9341900004
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	26181
Affiliation Type:	Facility Owner
Company Name:	S.USDAN C/O MIDWOOD MANAGEMENT CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	60 EAST 42ND STREET, SUITE 1814
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10165
Country Code:	001
Phone:	(212) 682-9595
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26181
Affiliation Type:	Mail Contact
Company Name:	MIDWOOD MANAGEMENT CORP
Contact Type:	Not reported
Contact Name:	PAUL MANDEL
Address1:	60 EAST 42ND STREET, SUITE 1814
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10165
Country Code:	001
Phone:	(212) 682-9595
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26181
Affiliation Type:	On-Site Operator
Company Name:	259 BOND STREET
Contact Type:	Not reported
Contact Name:	MIDWOOD MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

259 BOND STREET (Continued) **U003712137**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 682-9595
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26181
Affiliation Type:	Emergency Contact
Company Name:	S.USDAN C/O MIDWOOD MANAGEMENT CORP
Contact Type:	Not reported
Contact Name:	PAUL MANDEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 682-9595
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	57327
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2500
Install Date:	Not reported
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

259 BOND STREET (Continued) **U003712137**

HIST UST:

PBS Number:	2-604303
SPDES Number:	Not reported
Emergency Contact:	PAUL MANDEL
Emergency Telephone:	(212) 682-9595
Operator:	MIDWOOD MANAGEMENT
Operator Telephone:	(212) 682-9595
Owner Name:	S.USDAN C/O MIDWOOD MANAGEMENT CORP
Owner Address:	60 EAST 42ND STREET, SUITE 1814
Owner City,St,Zip:	NEW YORK, NY 10165
Owner Telephone:	(212) 682-9595
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MIDWOOD MANAGEMENT CORP
Mailing Address:	60 EAST 42ND STREET, SUITE 1814
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10165
Mailing Contact:	PAUL MANDEL
Mailing Telephone:	(212) 682-9595
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	MANUFACTURING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	11/23/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Major Data Missing (which is on the certificate)
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground

259 BOND STREET (Continued) **U003712137**

Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1999
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

S142 **NYCDEP** **NY MANIFEST** **1009244244**
NNW **259 BOND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.181 mi.
958 ft. **Site 4 of 7 in cluster S**

Relative:
Higher

Actual:
12 ft.

NY MANIFEST:

EPA ID:	NYP010000768
Country:	USA
Mailing Name:	NYCDEP
Mailing Contact:	STANLEY SIEBENBERG
Mailing Address:	259 BOND STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11217
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-595-4651

Document ID:	NYC1723691
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	920625
Trans1 Recv Date:	920625
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920625
Part A Recv Date:	920707
Part B Recv Date:	920702
Generator EPA ID:	NYP010000768
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00160
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

NYCDEP (Continued) **1009244244**

Year: 92

Q143 **NEW AMSTERDAM THEATER** **RCRA NonGen / NLR** **1001113438**
West **40 1ST ST** **FINDS** **NYR000024281**
1/8-1/4 **NEW YORK, NY 10013**
0.183 mi.
967 ft. **Site 10 of 10 in cluster Q**

Relative: Higher

Actual: 22 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NEW AMSTERDAM THEATER
Facility address: 40 1ST ST
NEW YORK, NY 10013
EPA ID: NYR000024281
Mailing address: SEAMAN AVE
BETHPAGE, NY 11714
Contact: Not reported
Contact address: SEAMAN AVE
BETHPAGE, NY 11714
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: EMPIRE STATE DEVELOPMENT CORP
Owner/operator address: 11 W 42ND ST 21ST FLOOR
NEW YORK, NY 10036
Owner/operator country: US
Owner/operator telephone: (212) 790-2575
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: EMPIRE STATE DEVELOPMENT CORP
Owner/operator address: 11 W 42ND ST 21ST FLOOR
NEW YORK, NY 10036
Owner/operator country: US
Owner/operator telephone: (212) 790-2575
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

NEW AMSTERDAM THEATER (Continued) **1001113438**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW AMSTERDAM THEATER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NEW AMSTERDAM THEATER
Classification: Not a generator, verified

Date form received by agency: 05/21/1996
Facility name: NEW AMSTERDAM THEATER
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004525247

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

X144 **TANKS TO U** **RCRA NonGen / NLR** **1006810620**
NNE **233 NEVINS ST** **FINDS** **NYR000114371**
1/8-1/4 **BROOKLYN, NY 11217**
0.184 mi.
973 ft. **Site 1 of 13 in cluster X**

Relative: Higher

Actual: 11 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: TANKS TO U
Facility address: 233 NEVINS ST
BROOKLYN, NY 11217
EPA ID: NYR000114371
Mailing address: NEVINS ST
BROOKLYN, NY 11217
Contact: ANTHONY J LARA
Contact address: NEVINS ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: (712) 624-7490
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

TANKS TO U (Continued) **1006810620**

Owner/Operator Summary:
Owner/operator name: ANTHONY LARA
Owner/operator address: NEVINS ST
BROOKLYN, NY 11217
Owner/operator country: US
Owner/operator telephone: (712) 624-7490
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1960
Owner/Op end date: Not reported

Owner/operator name: PETROLEUM TANK CLEANERS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (712) 624-7490
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1960
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: TANKS TO U
Classification: Not a generator, verified

Date form received by agency: 03/25/2003
Facility name: TANKS TO U
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110014449409

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

TANKS TO U (Continued) **1006810620**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

S145 **FORMER O.Z. ELECTRICAL** **NY SHWS** **S108057803**
North **198 DOUGLASS STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.185 mi.
978 ft. **Site 5 of 7 in cluster S**

Relative:
Higher

Actual:
9 ft.

SHWS:
Program: HW
Site Code: 450318
Classification: N
Region: 2
Acres: .170
HW Code: 224152
Record Add: 06/10/2011
Record Upd: 08/24/2012
Updated By: DPKAPLAN
Site Description: LOCATION:The Site is located at 198 Douglass Street in Brooklyn, between Bond Street and the Gowanus Canal. SITE FEATURES:The property is 0.18 acres and features a one-story warehouse building which is currently used for the storage of art and antique goods and furniture. CURRENT USE/ZONING:The property is currently used for the storage of antique goods. It is zoned for manufacturing use.HISTORICAL USES:The Site has historically been used for a variety of industrial purposes. Prior to its current use, the Site was owned and operated by Paramount Plumbing (approx. 1995 to 1998) and O.Z. Electrical Manufacturing Company Inc. (approx. 1960 to 1995). O.Z. also formerly owned and operated on the adjacent property (196 Douglass) as well as three buildings to the west, across Bond Street (262 Bond Street). Earlier owners/operators include P.H. Hughes Lime, Brick and Lath Yard (approx. 1887 to 1900); a gravel/crushed stone yard (approx. 1900 to 1930); and the Knickerbockers Ice Company, which included a machine shop (1930?s).SITE GEOLOGY AND HYDROGEOLOGY:Fill material consisting of sand, silt, gravel, and construction/demolition debris has been encountered to approximately 10 feet below ground surface (fbgs). Beneath the fill material (10 to 36 fbgs) is a sequence of inter-bedded silt, clay, sand, and peat layers atop fine to coarse-grained sand to a depth of approximately 48 fbgs. Groundwater has been encountered at depths ranging from 1.5 fbgs to 9 fbgs, during various investigations. USEPA Superfund investigations in the area of the Gowanus Canal have found that shallow groundwater flows toward the canal at both low and high tide. Intermediate groundwater generally flows upward toward the canal. Based on water chemistry measurements in surface water and groundwater (collected during Superfund investigations of the Gowanus Canal), it was concluded that infiltration from the canal controls water quality in shallow wells adjacent to the canal, with decreasing influence with distance from the canal.The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites.
Env Problem: NATURE AND EXTENT OF CONTAMINATION:A Site Investigation performed in April/May 2012 confirmed that tetrachloroethene (PCE) previously detected in groundwater was limited and not indicative of a release of hazardous waste. GROUNDWATER:In 2006, PCE was detected in

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

groundwater at a concentration of 1,600 parts per billion (ppb) and benzene at 14 ppb, from one grab groundwater sample collected from one boring. In the 2012 Site Investigation, groundwater was sampled from four groundwater monitoring wells. Groundwater samples were analyzed for volatile organic compounds (VOCs). Several VOCs were detected; however, the only contaminants detected at concentrations that exceed standards were isopropylbenzene (detected at 5.1 ppb compared to the standard of 5.0 ppb) and methyl tertiary butyl ether (MTBE) (detected at 10.7 ppb compared to the standard of 10 ppb). The standards cited for groundwater are the NYS Ambient Water Quality Standards and Guidance Values for Water Class GA from NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1.SOIL:The 2012 Site Investigation included soil sampling from 7 soil borings and analysis for VOCs. The only contaminant detected above standards was isopropylbenzene, detected at 3.91 parts per million (ppm) compared to the CP-51 Supplemental Soil Cleanup Objective for protection of groundwater of 2.3 ppm. A few VOCs were detected on site in the 2006 soil boring, but at very low concentrations.SOIL VAPOR:In soil vapor, trichloroethene (TCE) was detected in two samples at a maximum concentration of 200 micrograms per cubic meter (ug/m3); however TCE was not detected above reporting limits in concurrent indoor air samples.The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites.

Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Owner
Sub Type:	05
Owner Name:	Stephen D. Kramer, Esq. c/o Phillips Nizer, LLP
Owner Company:	Matthews Investments Limited
Owner Address:	666 Fifth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10103-0084
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	03
Owner Name:	Jean Lignel
Owner Company:	Not reported
Owner Address:	332 Bleecker St., Apt. 10
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10014-2980
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Facility ID:	0603334
Facility Type:	ER
DER Facility ID:	316117
Site ID:	366030
DEC Region:	2
Spill Date:	6/2/2006
Spill Number/Closed Date:	0603334 / Not Reported
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	DPKAPLAN
Referred To:	Not reported
Reported to Dept:	6/26/2006
CID:	409
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	6/26/2006
Spill Record Last Update:	11/14/2011
Spiller Name:	JEFFERY FLANNIGAN
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JEFFERY FLANNIGAN
Contact Phone:	(212) 268-1767
DEC Memo:	DEC Piper contacted Caller Jeff Flannigan. He will copy report and analytical and send to DEC.9/8/06- DEC Piper reviewed subsurface investigation report. AS per report, investigaestigation was due to the presence of petroleum vaprs inside work area. 1 boring was completed. Groundwater was encountrered at 9 feet bgs. A water sample was collected at 34 feet which contained elevated levels of benzene, PCE and a variety of SVOCs were above standards. A soil sample was collected at 36 feet bgs which indicated trace levels of clorinated solvents. Indoor air samples revesaled elevated levels of petroleum and clorinated solvents were detected above standards. Due to the soil and gw samples not being collected at the gw interface, the concentrations observed where collected, and indoor air quality, additional investigation is warranted. Case referred to remediation.9/20/06- DEC Piper . Spill transpferred to remediation as per Austin on 9/8/06.11/13/06 - reviewed site assessment report, found PERC in GW. Need to contact consultant to get more delineation

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

of the GW contamination. - KST4/11/08 - This spill has been transferred to D. Kaplan. Since previous reports were missing the representative of the site was contacted and the subsurface investigation report was obtained from the environmental consultant. 5/7/08 - Met the environmental consultant (Djamel Lekmine, AMEC), architect Jeff Flannigan who was acting as representative of the owner (was in charge of construction at the time the spill was reported), and attorney for the owner at the site. The entire lot is covered with a building with slab on grade finished floor. The building serves as a storage facility for fine art. It was explained that additional investigation was necessary. 5/19/08 - Environmental consultant sent a proposed work plan for additional investigation which was very incomplete (see edocs). 5/27/08 - A letter was sent to the environmental consultant describing additional requirements for a subsurface investigation.8/26/08 - Attorney for the owner has been trying to work out a site access agreement with the owner of the adjacent property (196 Douglass St). Representative for the owner of 196 indicated that they are unwilling to grant site access.9/26/08 - After negotiations with the owner of 196 Douglass for site access proved unsuccessful, DEC attorney (John Urda) sent a letter to the owner siting statutory authority for site access for investigation work. See edocs.5/11/09- The work was performed February 10th and 11th. The report has not yet been received.6/18/10-Vought-Received inquiry from DEC Austin as to whether Site should be transferred to Vought as P-Site . Vought discussed with DEC O'Connell and spill reassigned from Kaplan to Vought and entered into P-Site Tracking Spreadsheet.2/8/11-Vought-Spill transferred from DEC Vought to DEC Kaplan for further action.6/10/11 - Transferred to hazardous waste program as potential hazardous waste site (P site 224152)

Remarks: THERE WAS SOIL SAMPLE TESTING AND GROUND WATER TESTING. THERE WAS DIFFENENT MATERIAL THAT WAS FOUND AT THE SITE. THERE ARE TRACES OF VOLITALE ORGANIC COMPOUND, TETRACHLOROETHENE,ETHYLBENZENE, XYLENE WAS FOUND IN SOIL SAMPLE. THE WATER SAMPLE HAD BENZINE, TETRACHLOROETHENE. THEY WERE DIGGING AT THIS SITE.

Material:

Site ID:	366030
Operable Unit ID:	1123996
Operable Unit:	01
Material ID:	2113473
Material Code:	0854A
Material Name:	BENZENE
Case No.:	00071432
Material FA:	Hazardous Material
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	366030
Operable Unit ID:	1123996
Operable Unit:	01
Material ID:	2184492
Material Code:	0040B
Material Name:	PCE
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported

FORMER O.Z. ELECTRICAL (Continued) **S108057803**

Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

S146 **GOWANUS PUMPING STATION** **NY UST** **U004154626**
North **201 DOUGLASS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11214**
0.186 mi.
982 ft. **Site 6 of 7 in cluster S**

Relative:
Lower

Actual:
8 ft.

UST:

Id/Status:	2-456217 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2013-12-06
UTM X:	585579.27849000006
UTM Y:	4503879.1531400001
Site Type:	Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:

Site Id:	20103
Affiliation Type:	Facility Owner
Company Name:	NYC DEP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	96-05 HORACE HARDING EXPWY, 2ND FLOOR
Address2:	Not reported
City:	CORONA
State:	NY
Zip Code:	11368
Country Code:	001
Phone:	(718) 595-6930
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/18/2014

Site Id:	20103
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Contact Type:	Not reported
Contact Name:	ALBERT GORDON, CHIEF, PROJ MGMT SECT
Address1:	BUREAU OF WASTEWATER TREATMENT
Address2:	96-05 HORACE HARDING EXPY, 2ND FLOOR
City:	CORONA
State:	NY
Zip Code:	11368
Country Code:	001
Phone:	(718) 595-6930
EMail:	ALBERT@DEP.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/23/2011

GOWANUS PUMPING STATION (Continued) **U004154626**

Site Id: 20103
Affiliation Type: On-Site Operator
Company Name: GOWANUS PUMPING STATION
Contact Type: Not reported
Contact Name: CHRIS LAUDANDO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 564-2700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/23/2010

Site Id: 20103
Affiliation Type: Emergency Contact
Company Name: NYC DEP
Contact Type: Not reported
Contact Name: WATCH ENGINEER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 564-2700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/23/2010

Tank Info:

Tank Number: 001
Tank ID: 36649
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 01/01/1999
Date Tank Closed: 08/19/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 11/17/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/23/2011

Equipment Records:

GOWANUS PUMPING STATION (Continued) **U004154626**

A01 - Tank Internal Protection - Epoxy Liner
L08 - Piping Leak Detection - Tank Top Sump
C03 - Pipe Location - Aboveground/Underground Combination
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B03 - Tank External Protection - Original Impressed Current
E04 - Piping Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
H05 - Tank Leak Detection - In-Tank System (ATG)
B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
G05 - Tank Secondary Containment - Synthetic Liner
K01 - Spill Prevention - Catch Basin

Tank Number: 002
Tank ID: 36650
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 01/01/1999
Date Tank Closed: 08/19/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 11/17/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/23/2011

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
L08 - Piping Leak Detection - Tank Top Sump
C03 - Pipe Location - Aboveground/Underground Combination
B03 - Tank External Protection - Original Impressed Current
E04 - Piping Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)
B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
G05 - Tank Secondary Containment - Synthetic Liner
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm

Tank Number: 005
Tank ID: 50948
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/19/2011

GOWANUS PUMPING STATION (Continued) **U004154626**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/23/2011

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

W147 **ALL-BRITE CLEANERS** **NY DRYCLEANERS** **S110245871**
WSW **125 2ND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.191 mi.
1006 ft. **Site 2 of 4 in cluster W**

Relative:
Higher

Actual:
13 ft.

DRYCLEANERS:
Facility ID: 2-6103-00691
Phone Number: 718-802-9011
Region: Not reported
Registration Effective Date: 12/27/2002 14:38:32:396
Inspection Date: 08JAN9
Install Date: 02/08
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

W148 **ALL BRIGHT DRY CLEANERS** **NY MANIFEST** **S108980766**
WSW **125 2ND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.191 mi.
1006 ft. **Site 3 of 4 in cluster W**

Relative:
Higher

Actual:
13 ft.

NY MANIFEST:
EPA ID: NYR000149955
Country: USA
Mailing Name: ALL BRIGHT DRY CLEANERS
Mailing Contact: ALL BRIGHT DRY CLEANERS
Mailing Address: 125 2ND ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY

ALL BRIGHT DRY CLEANERS (Continued) **S108980766**

Mailing Zip: 11231
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-802-1640

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564905
Trans2 State ID: CDX107000000
Generator Ship Date: 11/30/2007
Trans1 Recv Date: 11/30/2007
Trans2 Recv Date: 12/5/2007
TSD Site Recv Date: 12/6/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000149955
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 780
Units: P - Pounds
Number of Containers: 6
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 003366361JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564905
Trans2 State ID: CDX107000000
Generator Ship Date: 11/30/2007
Trans1 Recv Date: 11/30/2007
Trans2 Recv Date: 12/5/2007
TSD Site Recv Date: 12/6/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000149955
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported

ALL BRIGHT DRY CLEANERS (Continued) **S108980766**

Quantity:	40
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	003366361JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

W149 **ALL BRIGHT DRY CLEANERS** **RCRA-CESQG** **1010566410**
WSW **125 2ND ST** **NYR000149955**
1/8-1/4 **BROOKLYN, NY 11231**
0.191 mi.
1006 ft. **Site 4 of 4 in cluster W**

Relative:
Higher

Actual:
13 ft.

RCRA-CESQG:

Date form received by agency:	11/26/2007
Facility name:	ALL BRIGHT DRY CLEANERS
Facility address:	125 2ND ST BROOKLYN, NY 11231
EPA ID:	NYR000149955
Mailing address:	2ND ST BROOKLYN, NY 11231
Contact:	ANDREW MARTORELLI
Contact address:	2ND ST BROOKLYN, NY 11231
Contact country:	US
Contact telephone:	(718) 802-1640
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

ALL BRIGHT DRY CLEANERS (Continued) **1010566410**

Owner/Operator Summary:

Owner/operator name:	ANDREW MARTORELLI
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2004
Owner/Op end date:	Not reported
Owner/operator name:	ANDREW MARTORELLI
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	11/25/2007
Facility name:	ALL BRIGHT DRY CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code:	D039
Waste name:	TETRACHLOROETHYLENE
Waste code:	F002
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR

ALL BRIGHT DRY CLEANERS (Continued) **1010566410**

F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Y150 **NYSDOT 3RD ST BRIDGE & GOWANUS CANAL** **RCRA NonGen / NLR** **1000555036**
SW **3RD ST BRG OVER GOWANUS CANAL** **NYD986975316**
1/8-1/4 **BROOKLYN, NY 11201**
0.191 mi.
1006 ft. **Site 1 of 8 in cluster Y**

Relative:
Lower

Actual:
0 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT 3RD ST BRIDGE & GOWANUS CANAL
Facility address: 3RD ST BRG OVER GOWANUS CANAL
BROOKLYN, NY 11201
EPA ID: NYD986975316
Mailing address: RECTOR ST
NEW YORK, NY 10006
Contact: MUHAMMAD AFZAL
Contact address: RECTOR ST
NEW YORK, NY 10006
Contact country: US
Contact telephone: (212) 414-7172
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYSDOT
Owner/operator address: 2 RECTOR ST
NEW YORK, NY 10008
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 2 RECTOR ST
NEW YORK, NY 10008
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

NYSDOT 3RD ST BRIDGE & GOWANUS CANAL (Continued) **1000555036**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYSDOT 3RD ST BRIDGE & GOWANUS CANAL
Classification: Not a generator, verified

Date form received by agency: 11/01/1991
Facility name: NYSDOT 3RD ST BRIDGE & GOWANUS CANAL
Classification: Not a generator, verified

Violation Status: No violations found

U151 **4TH & SACKETT STREET** **NY LTANKS** **S105053980**
ESE **4TH & SACKETT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.195 mi.
1029 ft. **Site 4 of 8 in cluster U**

Relative:
Higher

Actual:
26 ft.

LTANKS:
Site ID: 221268
Spill Number/Closed Date: 9113310 / 8/3/1994
Spill Date: 3/31/1992
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 8/3/1994
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 3/31/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 4/7/1992
Spill Record Last Update: 8/3/1994
Spiller Name: Not reported
Spiller Company: MERIT GAS STA.
Spiller Address: 4TH & SACKETT ST.
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

4TH & SACKETT STREET (Continued) **S105053980**

DER Facility ID: 182999
DEC Memo: Not reported
Remarks: WILL E.I.R., ALSO REG. UNLEADED PRODUCT LINE FAILED AT SAME LOCATION, LEAK RATE = .112 GPH.

Material:
Site ID: 221268
Operable Unit ID: 964072
Operable Unit: 01
Material ID: 414820
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 221268
Spill Tank Test: 1539808
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Z152 **EDR US Hist Auto Stat** **1015348903**
ESE **234 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.195 mi.
1030 ft. **Site 1 of 5 in cluster Z**

Relative: EDR Historical Auto Stations:
Higher Name: FAMILY CAR SERVICE
Year: 2009
Actual: Address: 234 4TH AVE
26 ft.

Z153 **EDR US Hist Cleaners** **1015022887**
ESE **230 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.195 mi.
1032 ft. **Site 2 of 5 in cluster Z**

Relative: EDR Historical Cleaners:
Higher Name: BMT STOP DRY CLEANERS INCORPORATED
Year: 1999
Actual: Address: 230 4TH AVE
26 ft.

(Continued) **1015022887**

Name: BMT STOP DRY CLEANERS INCORPORATED
Year: 2000
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2003
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2004
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2005
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2006
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2007
Address: 230 4TH AVE

Name: BMT DRY CLEANERS
Year: 2008
Address: 230 4TH AVE

Name: BMT DRY CLEANERS
Year: 2009
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2010
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2011
Address: 230 4TH AVE

Name: BMT STOP DRY CLEANERS INC
Year: 2012
Address: 230 4TH AVE

Z154 **EDR US Hist Auto Stat** **1015360634**
ESE **248 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.196 mi.
1034 ft. **Site 3 of 5 in cluster Z**

Relative: EDR Historical Auto Stations:
Higher Name: PARK SLOPE CAR SVCE
Year: 1999
Actual: Address: 248 4TH AVE
26 ft.

Name: FAMILY CAR SERVICE
Year: 2000
Address: 248 4TH AVE

Z155
ESE
1/8-1/4
0.196 mi.
1036 ft.

Relative:
Higher

Actual:
26 ft.

NYCT - UNION STATION R LINE
UNION ST & 4TH AVE
BROOKLYN, NY 11215

Site 4 of 5 in cluster Z

RCRA NonGen / NLR **1005905708**
NY MANIFEST **NYR000107938**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYCT - UNION STATION R LINE
Facility address: UNION ST & 4TH AVE
BROOKLYN, NY 11215
EPA ID: NYR000107938
Mailing address: JAY ST ROOM 819
BROOKLYN, NY 11201
Contact: JAMES CRANDALL
Contact address: JAY ST ROOM 819
BROOKLYN, NY 11201
Contact country: US
Contact telephone: (718) 243-4581
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NEW YORK CITY TRANSIT
Owner/operator address: 370 JAY ST ROOM 819
BROOKLYN, NY 11201
Owner/operator country: US
Owner/operator telephone: (718) 243-4581
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: NEW YORK CITY TRANSIT
Owner/operator address: 370 JAY ST ROOM 819
BROOKLYN, NY 11201
Owner/operator country: US
Owner/operator telephone: (718) 243-4581
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

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

NYCT - UNION STATION R LINE (Continued) **1005905708**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYCT - UNION STATION R LINE
Classification: Not a generator, verified

Date form received by agency: 07/17/2002
Facility name: NYCT - UNION STATION R LINE
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000107938
Country: USA
Mailing Name: NYCTA UNION STREET STATION RR LINE
Mailing Contact: PETER
Mailing Address: 370 JAY STREET RM 819
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-243-4227

Document ID: NJA4149250
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/08/2002
Trans1 Recv Date: 08/08/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/09/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000107938
Trans1 EPA ID: NJD991291105
Trans2 EPA ID: Not reported
TSDF ID: H10376
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00060
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

S156 **O-Z GEDNEY** **RCRA NonGen / NLR** **1000115937**
North **262 BOND ST** **FINDS** **NYD066086547**
1/8-1/4 **BROOKLYN, NY 11217** **NY MANIFEST**
0.198 mi.
1044 ft. **Site 7 of 7 in cluster S**

Relative:
Higher

Actual:
12 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: O-Z GEDNEY
Facility address: 262 BOND ST
BROOKLYN, NY 112172916
EPA ID: NYD066086547
Mailing address: BOND ST
BROOKLYN, NY 11217
Contact: Not reported
Contact address: BOND ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GENERAL SIGNAL
Owner/operator address: HIGH RIDGE PARK
STAMFORD, CT 06904
Owner/operator country: US
Owner/operator telephone: (203) 357-8800
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: O Z GEDNEY
Owner/operator address: 262 BOND STREET
OPERCITY, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 624-4200
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

O-Z GEDNEY (Continued) **1000115937**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: O-Z GEDNEY
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: O-Z GEDNEY
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: O-Z GEDNEY
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: O-Z GEDNEY
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1985
Date achieved compliance: 12/12/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/25/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/12/1985
Evaluation lead agency: State

FINDS:

Registry ID: 110004364884

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

O-Z GEDNEY (Continued) **1000115937**

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

NY MANIFEST:

EPA ID:	NYD066086547
Country:	USA
Mailing Name:	O Z GEDNEY CO INC
Mailing Contact:	BEN HUAMANI
Mailing Address:	1100 LINWOOD ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11208
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-649-1880

Document ID:	NYO1553796
Manifest Status:	Completed copy
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	820128
Trans1 Recv Date:	820128
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	820128
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D000 - NON-LISTED TOXIC WASTES
Quantity:	00230
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	82

Document ID:	NYO1120887
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	820802
Trans1 Recv Date:	820802
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	820802
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD066086547

O-Z GEDNEY (Continued) **1000115937**

Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F001 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00185
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	82

Document ID:	NYO1664766
Manifest Status:	Completed copy
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	810831
Trans1 Recv Date:	810831
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810831
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D000 - NON-LISTED TOXIC WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	80-81

Document ID:	NYO1655874
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	810420
Trans1 Recv Date:	Not reported

O-Z GEDNEY (Continued) **1000115937**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810406
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	80-81

Document ID:	NYO2277405
Manifest Status:	Completed copy
Trans1 State ID:	NYZA004
Trans2 State ID:	Not reported
Generator Ship Date:	821105
Trans1 Recv Date:	821105
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821105
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F001 - UNKNOWN
Quantity:	00220
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00363
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	82

Document ID:	NYO2857356
Manifest Status:	Completed copy
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	830404
Trans1 Recv Date:	830404
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830404

O-Z GEDNEY (Continued) **1000115937**

Part A Recv Date:	030411
Part B Recv Date:	030411
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F001 - UNKNOWN
Quantity:	00073
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	83

Document ID:	NYO2905839
Manifest Status:	Completed copy
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	830127
Trans1 Recv Date:	830127
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830127
Part A Recv Date:	030131
Part B Recv Date:	030131
Generator EPA ID:	NYD066086547
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F001 - UNKNOWN
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	83

Document ID:	NYO3073509
Manifest Status:	Completed copy
Trans1 State ID:	NY2A004
Trans2 State ID:	Not reported
Generator Ship Date:	830916
Trans1 Recv Date:	830916
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830916
Part A Recv Date:	030927
Part B Recv Date:	030927

O-Z GEDNEY (Continued) **1000115937**

Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 83

Document ID: NYO3073518
Manifest Status: Completed copy
Trans1 State ID: NY2A004
Trans2 State ID: Not reported
Generator Ship Date: 830622
Trans1 Recv Date: 830622
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830622
Part A Recv Date: 030628
Part B Recv Date: 030628
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00425
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 83

Document ID: NYO2722959
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY2A004
Trans2 State ID: Not reported
Generator Ship Date: 831213
Trans1 Recv Date: 831213
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831213
Part A Recv Date: 040105
Part B Recv Date: 040105
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

O-Z GEDNEY (Continued) **1000115937**

Handling Method: Not reported
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 83

Document ID: NYA1270764
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY92303GM
Trans2 State ID: Not reported
Generator Ship Date: 841205
Trans1 Recv Date: 841205
Trans2 Recv Date: Not reported
TSD Site Recv Date: 841205
Part A Recv Date: 850107
Part B Recv Date: 850102
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00325
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO2819799
Manifest Status: Completed copy
Trans1 State ID: NY2A004
Trans2 State ID: Not reported
Generator Ship Date: 840315
Trans1 Recv Date: 840315
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840315
Part A Recv Date: 840326
Part B Recv Date: 840327
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: D000 - NON-LISTED TOXIC WASTES
Quantity: 00320
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100

O-Z GEDNEY (Continued) **1000115937**

Year: 84

Document ID: NYA3838882
Manifest Status: Completed copy
Trans1 State ID: NY89851GC
Trans2 State ID: Not reported
Generator Ship Date: 860224
Trans1 Recv Date: 860224
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860224
Part A Recv Date: 860303
Part B Recv Date: 860303
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 01400
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 01400
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NJA0009861
Manifest Status: Completed copy
Trans1 State ID: NY195NJSW
Trans2 State ID: Not reported
Generator Ship Date: 850530
Trans1 Recv Date: 850530
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850530
Part A Recv Date: 850605
Part B Recv Date: 850607
Generator EPA ID: NYD066086547
Trans1 EPA ID: NJD048810279
Trans2 EPA ID: Not reported
TSDF ID: NJD048810279
Waste Code: F001 - UNKNOWN
Quantity: 00100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 85

O-Z GEDNEY (Continued) **1000115937**

Document ID: NYA2023767
Manifest Status: Completed copy
Trans1 State ID: NY92303GM
Trans2 State ID: Not reported
Generator Ship Date: 850404
Trans1 Recv Date: 850404
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850404
Part A Recv Date: 850409
Part B Recv Date: 850418
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 01600
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00900
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 85

Document ID: NYO3177315
Manifest Status: Completed copy
Trans1 State ID: NY2A004
Trans2 State ID: Not reported
Generator Ship Date: 840612
Trans1 Recv Date: 840612
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840612
Part A Recv Date: 840620
Part B Recv Date: 840626
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: U220 - TOLUENE
Quantity: 01089
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 84

Document ID: NYO3073203
Manifest Status: Completed copy

O-Z GEDNEY (Continued) **1000115937**

Trans1 State ID: NY2A004
Trans2 State ID: Not reported
Generator Ship Date: 840913
Trans1 Recv Date: 840913
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840913
Part A Recv Date: 840919
Part B Recv Date: 841004
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 01694
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100
Year: 84

Document ID: NYA3131717
Manifest Status: Completed copy
Trans1 State ID: NY89851GC
Trans2 State ID: Not reported
Generator Ship Date: 860728
Trans1 Recv Date: 860728
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860728
Part A Recv Date: 860801
Part B Recv Date: 860805
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 02100
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA3838860
Manifest Status: Completed copy
Trans1 State ID: NY89851GC
Trans2 State ID: Not reported
Generator Ship Date: 860228
Trans1 Recv Date: 860228
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860228
Part A Recv Date: 860310
Part B Recv Date: 860306
Generator EPA ID: NYD066086547

O-Z GEDNEY (Continued) **1000115937**

Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00400
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA3811803
Manifest Status: Completed copy
Trans1 State ID: NY89851GC
Trans2 State ID: Not reported
Generator Ship Date: 860311
Trans1 Recv Date: 860311
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860311
Part A Recv Date: 860314
Part B Recv Date: 860317
Generator EPA ID: NYD066086547
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178296
Waste Code: F001 - UNKNOWN
Quantity: 00800
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00450
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

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

AA157
SE
1/8-1/4
0.201 mi.
1060 ft.

Relative:
Higher

Actual:
26 ft.

256 SOUTH 4TH STREET HDFC
256 SOUTH 4TH STREET
BROOKLYN, NY 11211

Site 1 of 9 in cluster AA

NY AST

A100291951
N/A

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608128
Program Type:	PBS
UTM X:	588034.94637000002
UTM Y:	4507083.7151899999
Expiration Date:	2007-12-05
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	29980
Affiliation Type:	Facility Owner
Company Name:	256 SOUTH 4TH STREET HOUSING DEVELOP FUND CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	256 SOUTH 4TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(917) 337-2909
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29980
Affiliation Type:	Mail Contact
Company Name:	INTERACTIVE MANAGEMENT
Contact Type:	Not reported
Contact Name:	JOSE DE LA CRUZ
Address1:	317 EAST 3RD STREET
Address2:	SUITE 1415
City:	NEW YORK
State:	NY
Zip Code:	10009
Country Code:	001
Phone:	(212) 982-0322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29980
Affiliation Type:	On-Site Operator
Company Name:	256 SOUTH 4TH STREET HDFC
Contact Type:	Not reported
Contact Name:	FREDDY MARTINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported

256 SOUTH 4TH STREET HDFC (Continued) **A100291951**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 599-8717
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29980
Affiliation Type:	Emergency Contact
Company Name:	256 SOUTH 4TH STREET HOUSING DEVELOP FUND CORP
Contact Type:	Not reported
Contact Name:	JOSE DE LA CRUZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 982-0322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	1001
Tank Id:	64585
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
A01 - Tank Internal Protection - Epoxy Liner
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	4500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT

256 SOUTH 4TH STREET HDFC (Continued) **A100291951**

Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 1002
Tank Id: 64586
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B01 - Tank External Protection - Painted/Asphalt Coating
A01 - Tank Internal Protection - Epoxy Liner
J00 - Dispenser - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Empty

AA158 **256 SO 4TH STREET** **NY LTANKS S102239839**
SE **256 SO 4TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.201 mi.
1060 ft. **Site 2 of 9 in cluster AA**

Relative: Higher

Actual: 26 ft.

LTANKS:
Site ID: 106919
Spill Number/Closed Date: 9509901 / 11/9/1995
Spill Date: 11/9/1995
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 11/9/1995
CID: 216
Water Affected: Not reported
Spill Notifier: Responsible Party

256 SO 4TH STREET (Continued) **S102239839**

Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/9/1995
Spill Record Last Update: 11/27/1995
Spiller Name: TONY CARUCCI
Spiller Company: HA LIBERTY PARK FUEL OIL
Spiller Address: 67-70 73RD PLACE
Spiller City,St,Zip: MIDDLEVILLAGE, NY 11379-
Spiller County: 001
Spiller Contact: TONY CARUCCI
Spiller Phone: (718) 894-9218
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 94110
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: THEY ORDERED TO MUCH OIL AND IT BACKED OUT THE FUEL TANK AREA WAS CLEANED UP BY CALLERS COMPANY

Material:
Site ID: 106919
Operable Unit ID: 1020316
Operable Unit: 01
Material ID: 360831
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: 6
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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159 **REGENCY SERVICE CARTS INC** **NY AST U003393325**
West **337 CARROLL ST** **NY HIST AST N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.201 mi.
1062 ft.

Relative: Higher

Actual: 28 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-005428
Program Type: PBS
UTM X: 585248.99685999996
UTM Y: 4503598.7859899998
Expiration Date: 2007-10-23
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

REGENCY SERVICE CARTS INC (Continued) **U003393325**

Site Id: 56
Affiliation Type: Facility Owner
Company Name: CONNIE PEZULICH, VP C/O REGENCY SERVICE CARTS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 337 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 855-8304
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 56
Affiliation Type: Mail Contact
Company Name: REGENCY SERVICE CARTS INC
Contact Type: Not reported
Contact Name: CONNIE PEZULICH, VP
Address1: 337 CARROLL ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11231
Country Code: 001
Phone: (718) 855-8304
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 56
Affiliation Type: On-Site Operator
Company Name: REGENCY SERVICE CARTS INC
Contact Type: Not reported
Contact Name: REGENCY SERVICE CARTS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-8304
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 56
Affiliation Type: Emergency Contact
Company Name: CONNIE PEZULICH, VP C/O REGENCY SERVICE CARTS INC
Contact Type: Not reported
Contact Name: CONNIE PEZULICH
Address1: Not reported

REGENCY SERVICE CARTS INC (Continued) **U003393325**

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 855-8304
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 26809
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Tank Location: 4
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 8000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:
PBS Number: 2-005428
SWIS Code: 6101
Operator: REGENCY SERVICE CARTS
Facility Phone: (718) 855-8304
Facility Addr2: 337 CARROLL ST
Facility Type: Not reported
Emergency: SALVATORE MANIS
Emergency Tel: (718) 386-0007
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported

REGENCY SERVICE CARTS INC (Continued) **U003393325**

Result of Inspection:	Not reported
Owner Name:	GIACOMO ABBATE, PRESIDENT
Owner Address:	337 CARROLL ST
Owner City,St,Zip:	BROOKLYN, NY 11231
Federal ID:	Not reported
Owner Tel:	(718) 855-8304
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	GIACOMO ABBATE, PRESIDENT
Mailing Address:	337 CARROLL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11231
Mailing Telephone:	(718) 855-8304
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	10/29/1997
Expiration:	10/23/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	7500
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND 10% OR MORE BELOW GROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	5
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported

REGENCY SERVICE CARTS INC (Continued) **U003393325**

Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

U160 **EDR US Hist Auto Stat** **1015318680**
ESE **210 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.202 mi.
1064 ft. **Site 5 of 8 in cluster U**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	MERIT GASOLINE STATIONS
Year:	1999
Address:	210 4TH AVE
Name:	MERIT GASOLINE STATIONS
Year:	2000
Address:	210 4TH AVE
Name:	MERIT GAS STATIONS
Year:	2002
Address:	210 4TH AVE
Name:	MERIT GAS STATIONS
Year:	2003
Address:	210 4TH AVE
Name:	HESS GAS STATIONS
Year:	2004
Address:	210 4TH AVE
Name:	AMERADA HESS
Year:	2007
Address:	210 4TH AVE
Name:	HESS GAS STATIONS
Year:	2008
Address:	210 4TH AVE

AA161 **EDR US Hist Auto Stat** **1015373563**
SE **262 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.202 mi.
1065 ft. **Site 3 of 9 in cluster AA**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	PARK SLOPE CAR SERVICE
Year:	2009
Address:	262 4TH AVE
Name:	FAMILY CAR SERVICE
Year:	2011
Address:	262 4TH AVE
Name:	FAMILY CAR SERVICE

(Continued) **1015373563**

Year: 2012
Address: 262 4TH AVE

T162 **CONSOLIDATED EDISON** **NY MANIFEST** **S105058470**
SSE **222 1ST ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.202 mi.
1069 ft. **Site 2 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

EPA ID:	NYP004240537
Country:	USA
Mailing Name:	CONSOLIDATED EDISON - MH2863
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-31
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004240537
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	348.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	007019341JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

CONSOLIDATED EDISON (Continued) **S105058470**

EPA ID:	NYP004044368
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	2011-08-26
Trans1 Recv Date:	2011-08-31
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-08-31
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004240537
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	348.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	007019341JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

EPA ID:	NYP000920355
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY

CONSOLIDATED EDISON (Continued) **S105058470**

Mailing Zip: 10003
Mailing Zip4: 1892
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: 2011-08-26
Trans1 Recv Date: 2011-08-31
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-08-31
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004240537
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 348.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 007019341JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

SPILLS:
Facility ID: 9808009
Facility Type: ER
DER Facility ID: 347552
Site ID: 299103
DEC Region: 2
Spill Date: 9/30/1998
Spill Number/Closed Date: 9808009 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS: 2401
Investigator: JMOCONNE
Referred To: REVIEWED INTERIM PDI REPORT 041013
Reported to Dept: 9/30/1998
CID: 252

CONSOLIDATED EDISON (Continued) **S105058470**

Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 9/30/1998
Spill Record Last Update: 5/3/2013
Spiller Name: CALLER
Spiller Company: 3RD AVE YARD
Spiller Address: 222 1ST STREET
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller Company: 001
Contact Name: CALLER
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"From DEC # 9608854 file: 11/21/96: KATZ SPOKE WITH CHERYL PAYNE, CON ED - FREE PRODUCT FOUND IN WELL. TIGHTNESS TEST DONE ON TANK & PIPING AND FOUND TO BE TIGHT. UNKNOWN SOURCE OF PRODUCT - POSSIBLY OVERFILLS. 2000 GALLON GASOLINE & 2000 GALLON DIESEL UNDER CONCRETE MAT. NOT AWARE OF ANY PROBLEMS WITH DISPENSERS. (GHK)2/10/97: Con Ed submits pre-closure assessment for north and south tank areas (north UST area contains 1 x 2,500 gallon gasoline and 1 x 2,500 gallon diesel tank; south UST area contains 1 x 4,000 gallon gasoline and 1 x 4,000 gallon diesel tank). Results of soil and groundwater sampling indicate both areas have been impacted by releases from the tanks and/or piping. Con Ed proposes to conduct site investigation. (GHK)9/30/98, 12:31 PM: Voice message from Ann Ip (Con Ed Remediation) - digging around 2,500 gal diesel UST (north UST area) - found contaminated soil. Estimated 15 cu yds soil. (CAE)10/8/98: Spoke with Tom Lasker (Con Ed Const Mgmt) - 2500 gal tanks are not out yet. He doesn't anticipate that excavation will be ready for inspection til next Tuesday. Jim Seisfeld is handling the project for Ann Ip while she is away. (CAE)10/21/98: Excavation for removal of 2500 gallon tanks (north area) - excavation about 15 feet deep, 20' x 30'. No apparent visible contamination. No odor. Will do 5 composites (5:1) on side walls, 5 grabs. (CAE)11/2/98: Tank pulls - Con Ed Construction Mgmt. has excavated as deep as they need to go to put in new tanks. Inspected soil from bottom of excavation - strong petroleum odor. Jar test - sheen on water. Dug down with bucket into bottom of excavation - groundwater about 1.5 to 2 feet below bottom. Told Con Ed to excavate to that depth on entire excavation. Will tanke 4 grab, 4 composite samples for VOCs, SVOCs - 3 walls and bottom. Already did some sampling when tank was originally pulled (5 grab, 5 composite) but present excavation extends beyond original so have to do more samples. (CAE)11/12/03: e-mail from Ray Fitzpatrick (Con Ed Remediation) indicating that 2 x 4000 gallon tanks (south UST area) are to be removed on Nov. 19 (tentative schedule). 6/20/00: Meeting w/ Angel Chang (Con Ed Remediation) - Con Ed was told of possible off-site contamination at Mendon Truck Leasing site (located south of Third Ave Yard). Ground water analytical data provided by Mark Tibbe (DEC project manager) indicates contamination in two of their upgradient wells - gw contour map shows Con Ed's south UST area is immediately upgradient (across the street) from these wells. Con

CONSOLIDATED EDISON (Continued) **S105058470**

Ed is to submit draft work plan for additional investigation around both north and south UST areas. (JHO)7/24/00: Con Ed submits Tank Closure Report documenting results of post-excavation soil samples, and a Site Investigation Work Plan (SIWP). Proposal includes 6 soil borings/4 monitoring wells for the north UST area, and 10 soil borings/7 monitoring wells for the south UST area.9/11/00: Comment letter to Con Ed on SIWP - requests addition of one well upgradient of the north UST area; clarifies soil sampling protocol; clarifies lab analytical methods. (KMF)11/22/00: response form Con Ed satisfactorily responds to comments.11/27/00: SIWP approved. (KMF)12/13/00: Field work commences.1/18/01: Free product found in well MW-4N in north UST area. This is the well immediately north (upgradient) of the tanks. Approximately 1 inch of product was noted. Absorbent sock installed to recover product. (KMF)6/1/01: Site Characterization Report submitted. Results indicate elevated concentrations of BTEX and MTBE in soils and groundwater for both tank areas, and intermittent free product in north UST area (well MW-4N).2/13/03: comment letter to Con Ed - recommends monthly gauging to continue, and include VEFR event; requests installation of 2 add'l borings/wells northeast and west of north UST area (work plan required); requests submittal of historic groundwater analytical data. (KMF)3/6/03: VEFR event postponed - waste characterization results for groundwater has benzene concentration of 3.7 ppm (cannot be accepted at Astoria waste treatment facility - must arrange for subcontractor. (KMF)3/7/03: Clarified with M. Gonzalez that quarterly sampling to be conducted on all wells. Also, monthly monitoring on all wells. (KMF)3/17/03: Response letter from Con Ed addresses comments in 2/13/03 letter.4/21/03: Work Plan for installation of 3 additional wells at the north UST area. Plan prepared by First Environment.6/25/03: comment letter to Con Ed - clarifies sampling and analytical protocols; and requests revisions to QAPP. (KMF)10/9/03: Response letter from Con Ed satisfactorily addresses comments in 6/25/03 comment letter. (JHO)10/14/03: Work plan approved. (JHO)12/16/03: Meeting with M. Gonzalez - VEFR requested by K. Foley in March 2003 was done. Con Ed only implemented quarterly sampling at this location in 2003 - three quarters done so far (4Q this week). Dissolved-phase contamination found in both north and south tank areas. Free product only noted in one well (MW-4N, north tanks). Three new wells are to be installed by First Environment in January. Following meeting, e-mail sent to M. Conzalez requesting lead be added to list of analytes for future quarterly sampling events. (JHO)11/05/09: Mulitple documents had been received over interim period including RAWP, GW monitoring reports and subsequent IRM WP. RAWP was not implemented. Free product identified in one well in south UST area in September 2009. RP's consultant proposed additional delineation investigation of south UST area with VEFR and IRM for injection of ORC to address GW comtamination remaining in north UST area. Discussed project with RP's consultant and a revised IRM WP will be submitted. (JOC)5/23/12: Draft remedial selection/remedial action work plan submitted 2/28/12. Document reviewed and letter with comments sent 3/19/12. Letter response and revised work plan received on 5/4/12. (JOC)6/8/12: Reviewed 5/4/12 response from Con Edison and AECOM and sent comments via email 5/25/12; met today with Con Edison and AECOM to discuss those comments. As agreed today, Con Edison will put together a letter which documents the changes; based on some anticipated logistical issues at the facility, the pre-design work will be separated out

CONSOLIDATED EDISON (Continued) **S105058470**

with the objective of getting it completed within the next 3 weeks, so the focus of the letter should be to document changes to the pre-design work; the revisions to the RAWP can come later based on the pre-design work. Overall we had reached agreement on all the issues. (JOC)9/6/12 - received email 9/4/12 from AECOM for Con Edison which was text as received at 6/8/12 meeting; attached to email was revised pre-design investigation summary, revised sample table, revised figure. Under review. (JOC)9/28/12 - sent letter conditionally approving pre-design investigation as a separate effort from the remedial action 9/14; per discussion with Con Edison 9/24, their consultant is waiting for purchase order finalization through from Con Edison before they will start the work; Con Edison is working on getting the changes into their new PO system and will advise of updated schedule when available (JOC)10/23/12 - received email from Con Edison:>>> "Gonzalez, Mariela" 10/23/2012 9:29 AM >>>Joe, preparation field activities for the drilling work are in progress. AECOM and GEOD mobilized on October 17 to start with a geophysical survey and then to commence with utility clearance which will continue thru the end of this week. (1)Aztec, a subcontractor for AECOM, is pre-clearing the soil boring locations using a Safex unit and hand tools dig; and (2) day lightening (by test pits) of marked out utilities with GEOD surveying location and depths.Below a brief chronology of activities completed thru October 22nd. Wednesday October 17, 2012: Geod was on site to perform GPR of the excavation. A sketch was created for field use. A map will be completed in a couple weeks. Thursday October, 18, 2012: Geod was on site to continue with the topographical survey. Allstate a subcontractor of Geod cleared 3 locations of asphalt. Friday October 19, 2012: Geod and AECOM were on site. Allstate was scheduled to be on site at 730 with a vac truck but failed to show up. It was raining and there was a good deal of traffic. At 11AM Allstate was still en route and the day was called. Allstate will not be allowed on site to complete the work. Monday October 22, 2012: Aztech Pre cleared down to 5 feet D1 and D6. 3 locations were started for day lighting, to uncover gas lines and electrical lines. Geod pinpointed the depth of the gas lines. Con Ed electrical Operations crew on site to assist determining which lines are active or dead. Called Con Edison PM to discuss/confirm. Pre-clearing should be finished this week; drilling should start next week. They will keep me posted on the schedule if any changes. (JOC)11/09/12 - PDI activities were completed on October 26th. No implediments were identified to implementing the investigation as approved. Field progress updates in edocs. (JOC)5/3/13 - Investigation continued to attempt to delineate the soil contamination around the south UST area, but is not completed. Notably one area (to the northwest of the UST area) had contamination with a different profile than observed in the UST area and may not be related to UST operations. Reviewed the report and sent comments/items for discussion to Con Edison via email 4/10/13; meeting was scheduled for 4/24 but was cancelled by Con Edison. (JOC)

Remarks: CONTRACTORS REMOVING GAS TANK AND DISCOVERED APPROX 15 SQ YARDS OF STAINED SOIL THAT SMELLS LIKE GASOLINE. CROSS REF TO 96-05014

Material:
Site ID: 299103
Operable Unit ID: 1065568
Operable Unit: 01
Material ID: 315546
Material Code: 0009

CONSOLIDATED EDISON (Continued) **S105058470**

Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0807096
Facility Type: ER
DER Facility ID: 353674
Site ID: 404414
DEC Region: 2
Spill Date: 9/24/2008
Spill Number/Closed Date: 0807096 / 11/17/2008
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 9/24/2008
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/24/2008
Spill Record Last Update: 11/17/2008
Spiller Name: ERT
Spiller Company: CON ED
Spiller Address: 222 1ST ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: (212) 580-8383
DEC Memo: 11/17/08 - Austin - minor spill on pavement - cleaned and closed - end Not reported
Remarks: 8 ounces of gas spilled from a trash can onto the blacktop.

Material:
Site ID: 404414
Operable Unit ID: 1161074
Operable Unit: 01
Material ID: 2152263
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported

CONSOLIDATED EDISON (Continued) **S105058470**

Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0103423
Facility Type: ER
DER Facility ID: 86529
Site ID: 116910
DEC Region: 2
Spill Date: 6/28/2001
Spill Number/Closed Date: 0103423 / 8/27/2001
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 6/28/2001
CID: 211
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/28/2001
Spill Record Last Update: 7/18/2003
Spiller Name: SAME
Spiller Company: CON ED
Spiller Address: 4 IRVING PL
Spiller City,St,Zip: MANHATTAN, NY
Spiller Company: 001
Contact Name: CHARLIE MCCARTHY
Contact Phone: (212) 580-6765
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Remarks: cable leak while on truck - clean up is in progress 50-499 ppm pcb protocol - con ed 137944

Material:
Site ID: 116910
Operable Unit ID: 842033
Operable Unit: 01
Material ID: 535508
Material Code: 0541A
Material Name: DIELECTRIC FLUID
Case No.: Not reported
Material FA: Petroleum

CONSOLIDATED EDISON (Continued) **S105058470**

Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 1000930
Facility Type: ER
DER Facility ID: 388530
Site ID: 433623
DEC Region: 2
Spill Date: 4/23/2010
Spill Number/Closed Date: 1000930 / 5/21/2010
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 4/23/2010
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/23/2010
Spill Record Last Update: 5/21/2010
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 222 1ST STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: (212) 580-8383
DEC Memo: 04/23/10- Zhune spoke to Dennis from ERT 212-580-8383. He said the hydraulic liquid hose broke from a Con-ED vehicle spilled 6 gallons of liquid onto the asphalt. Spill is being cleanedup. No drain, no soil impacted. 5/21/10 - Austin -Contained and cleaned up by Con Edison - see eDocs for further info - spill closed - end
Remarks: 1640 THE CALLER ADVISED DISPATCH THE SPILL IS CONTAINED AND IN THR PROCESS OF CLEAN UP. NO WATER WAYS AFFECTED.

Material:
Site ID: 433623
Operable Unit ID: 1184498
Operable Unit: 01
Material ID: 2178766
Material Code: 0010
Material Name: Hydraulic Oil

CONSOLIDATED EDISON (Continued) **S105058470**

Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0813445
Facility Type: ER
DER Facility ID: 353674
Site ID: 411134
DEC Region: 2
Spill Date: 3/13/2009
Spill Number/Closed Date: 0813445 / 6/3/2009
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: asnagi
Referred To: Not reported
Reported to Dept: 3/13/2009
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/13/2009
Spill Record Last Update: 6/3/2009
Spiller Name: ERT
Spiller Company: CON ED
Spiller Address: 222 1ST ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: (212) 580-8383
DEC Memo: 06/03/09 - See eDocs for Con Ed report detailing cleanup and closure.
Remarks: Caller states an unknown foam is coming out of an oil - water seperator onto the side of the building and sidewalk. Cleasnup is in progress.

Material:
Site ID: 411134
Operable Unit ID: 1167601
Operable Unit: 01
Material ID: 2159180
Material Code: 9999
Material Name: Other - Foam
Case No.: Not reported

CONSOLIDATED EDISON (Continued) **S105058470**

Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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

T163 **CON EDISON** **NY LTANKS** **S102234639**
SSE **222 FIRST ST** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11215** **NY Spills**
0.202 mi.
1069 ft. **Site 3 of 9 in cluster T**

Relative: Higher

Actual: 22 ft.

LTANKS:

Site ID:	351960
Spill Number/Closed Date:	0506700 / 9/7/2005
Spill Date:	8/31/2005
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	8/31/2005
CID:	408
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/31/2005
Spill Record Last Update:	10/18/2005
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003
Spiller County:	999
Spiller Contact:	ERT DESK'
Spiller Phone:	(212) 580-8383
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	167996
DEC Memo:	160813. 8/31/05 - 1115hrs - Joe Floryshak # 80133 Sr. Engineer Construction Mgmt reports while contractor Velez Organization was filling his truck (lull) he overfilled with diesel and spilled 1 qt diesel fuel onto bluestone in 3rd Avenue Yard. This is in the parking lot of 3rd Avenue Yard. No fire/smoke involved. No sewers or

CON EDISON (Continued) **S102234639**

	waterways affected. No private property affected. Contractor is removing affected bluestone. Clean up in progress. cn#19661Update - 8/31/05 1150hrs. J. Floryshak reports contractors shoveled affected bluestone. Properly drummed and stored on site. Clean up completed. cn#19661.Closed. 9-7-05. GB see eDocs.
Remarks:	ONE QUART OD PRODUCT, CONTRACTOR CLEANING UP AFFECTED BLUESTONE, CONTRACTOR OVERFILLED TANK. CLEAN UP IN PROGRESS. CON ED # 160813

Material:

Site ID:	351960
Operable Unit ID:	1109463
Operable Unit:	01
Material ID:	2099487
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	263134
Spill Number/Closed Date:	9605014 / 12/30/2003
Spill Date:	7/17/1996
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	7/17/1996
CID:	257
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/17/1996
Spill Record Last Update:	2/9/2005
Spiller Name:	PRIMEGGIA
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	PRIMEGGIA
Spiller Phone:	(212) 580-6763
Spiller Extention:	Not reported

CON EDISON (Continued) **S102234639**

DEC Region: 2
DER Facility ID: 167996
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"7/22/96: Transferred from Engelhardt to Katz. An investigation at the site was in progress.9/30/97: TRANSFERRED FROM KATZ TO O'CONNELL.12/30/03: Close out - track under DEC # 9808009. (JHO)
Remarks: contaminated soil found around the underground gas tanks

Material:
Site ID: 263134
Operable Unit ID: 1035979
Operable Unit: 01
Material ID: 558357
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY MANIFEST:
EPA ID: NYP004280061
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CON EDISON (Continued) **S102234639**

Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

CON EDISON (Continued) **S102234639**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	26-Feb-2013 00:00:00
Trans1 Recv Date:	26-Feb-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04-Mar-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004280061
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002016484GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05-Nov-2013 00:00:00
Trans1 Recv Date:	05-Nov-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06-Nov-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004385647
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1

CON EDISON (Continued) **S102234639**

Year:	2013
Manifest Tracking Num:	002221560GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	19-Apr-2013 00:00:00
Trans1 Recv Date:	19-Apr-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	22-Apr-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004303152
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002017020GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	24-Sep-2013 00:00:00
Trans1 Recv Date:	24-Sep-2013 00:00:00

CON EDISON (Continued) **S102234639**

Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

CON EDISON (Continued) **S102234639**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-09-24
Trans1 Recv Date: 2013-09-24
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-09-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-11-05
Trans1 Recv Date: 2013-11-05
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-11-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647
Trans1 EPA ID: Not reported

CON EDISON (Continued) **S102234639**

Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-02-26
Trans1 Recv Date: 2013-02-26
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

CON EDISON (Continued) **S102234639**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-19
Trans1 Recv Date: 2013-04-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

EPA ID: NYP004385647
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00

CON EDISON (Continued) **S102234639**

Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N

CON EDISON (Continued) **S102234639**

Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05-Nov-2013 00:00:00
Trans1 Recv Date: 05-Nov-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06-Nov-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647

CON EDISON (Continued) **S102234639**

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported

CON EDISON (Continued) **S102234639**

Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)

CON EDISON (Continued) **S102234639**

Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-09-24
Trans1 Recv Date: 2013-09-24
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-09-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported

CON EDISON (Continued) **S102234639**

Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-11-05
Trans1 Recv Date: 2013-11-05
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-11-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-02-26
Trans1 Recv Date: 2013-02-26
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF

CON EDISON (Continued) **S102234639**

Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-19
Trans1 Recv Date: 2013-04-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

EPA ID: NYP004438610
Country: USA
Mailing Name: Not reported
Mailing Contact: Not reported
Mailing Address: Not reported
Mailing Address 2: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported

CON EDISON (Continued) **S102234639**

Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: Not reported

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500

CON EDISON (Continued) **S102234639**

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported

CON EDISON (Continued) **S102234639**

Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05-Nov-2013 00:00:00
Trans1 Recv Date: 05-Nov-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06-Nov-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013

CON EDISON (Continued) **S102234639**

Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported

CON EDISON (Continued) **S102234639**

TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-09-24
Trans1 Recv Date: 2013-09-24
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-09-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

CON EDISON (Continued) **S102234639**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-11-05
Trans1 Recv Date: 2013-11-05
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-11-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-02-26
Trans1 Recv Date: 2013-02-26
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CON EDISON (Continued) **S102234639**

TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-19
Trans1 Recv Date: 2013-04-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

CON EDISON (Continued) **S102234639**

EPA ID: NYP004303152
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported

CON EDISON (Continued) **S102234639**

TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

CON EDISON (Continued) **S102234639**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05-Nov-2013 00:00:00
Trans1 Recv Date: 05-Nov-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06-Nov-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004385647
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002221560GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 19-Apr-2013 00:00:00
Trans1 Recv Date: 19-Apr-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

CON EDISON (Continued) **S102234639**

TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

CON EDISON (Continued) **S102234639**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	26-Feb-2013 00:00:00
Trans1 Recv Date:	26-Feb-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04-Mar-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004280061
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002016484GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-09-24
Trans1 Recv Date:	2013-09-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-09-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004365375
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	600
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1

CON EDISON (Continued) **S102234639**

Year:	2013
Manifest Tracking Num:	002290968GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-11-05
Trans1 Recv Date:	2013-11-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-11-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004385647
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002221560GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-02-26
Trans1 Recv Date:	2013-02-26

CON EDISON (Continued) **S102234639**

Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-19
Trans1 Recv Date: 2013-04-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

CON EDISON (Continued) **S102234639**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

EPA ID: NYP004365375
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

CON EDISON (Continued) **S102234639**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	19-Apr-2013 00:00:00
Trans1 Recv Date:	19-Apr-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	22-Apr-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004303152
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002017020GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	26-Feb-2013 00:00:00
Trans1 Recv Date:	26-Feb-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04-Mar-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004280061
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1

CON EDISON (Continued) **S102234639**

Year:	2013
Manifest Tracking Num:	002016484GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05-Nov-2013 00:00:00
Trans1 Recv Date:	05-Nov-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06-Nov-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004385647
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002221560GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	19-Apr-2013 00:00:00
Trans1 Recv Date:	19-Apr-2013 00:00:00

CON EDISON (Continued) **S102234639**

Trans2 Recv Date: Not reported
TSD Site Recv Date: 22-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004303152
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 1500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 24-Sep-2013 00:00:00
Trans1 Recv Date: 24-Sep-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 26-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002290968GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N

CON EDISON (Continued) **S102234639**

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 26-Feb-2013 00:00:00
Trans1 Recv Date: 26-Feb-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004280061
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 300
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002016484GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2013-09-24
Trans1 Recv Date: 2013-09-24
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-09-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004365375
Trans1 EPA ID: Not reported

CON EDISON (Continued) **S102234639**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	600
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002290968GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-11-05
Trans1 Recv Date:	2013-11-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-11-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004385647
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002221560GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CON EDISON (Continued) **S102234639**

Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-02-26
Trans1 Recv Date:	2013-02-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-03-04
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004280061
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002016484GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2013-04-19
Trans1 Recv Date:	2013-04-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-04-22
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004303152
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON (Continued) **S102234639**

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002017020GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

SPILLS:
Facility ID: 9706833
Facility Type: ER
DER Facility ID: 167996
Site ID: 263577
DEC Region: 2
Spill Date: 9/8/1997
Spill Number/Closed Date: 9706833 / 9/10/1997
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 9/8/1997
CID: 207
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/8/1997
Spill Record Last Update: 2/24/2003
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: JOHN DEVOTI
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"9/9/97, 1643 hrs. called EH&S, spoke with Paul Carbone. According to notes taken by Glenn Newell, approximately 2 gallons got into an on-site catch basin. DEP (Anthony Henry) resp[onded to the site. Con Ed vac'ed out the catch basin and a service box, but no oil got to the sewer. The remaining 98 gallons spilled on the parking

CON EDISON (Continued) **S102234639**

area and was vac'ed up by Con Ed.E2MIS 1112228/9/97-2010HRS--D.WALKER #70226 OS TRANSPORTATION REPORTS THAT APROX 100 GALLONS OIL AND WATER FROM VEH.60505 LEAKED ONTOTHE ROADWAY IN THE 3RD AVE YARD .IT IS BELIEVED THAT APROX 2 GALLONS OF LIQUID ENTERED TWO CATCH BASINS IN THE THIRD AVE. YARD. THE CLEANUP IS ON GOING ANDNO SOLID DEBRIS ENTERED THE CATCH BASIN. MR WALKER HAS DETERMINED THAT NO LIQUID ENTERED THE SEWER PIPES IN EITHER CATCHBASIN. ----------G DONATONE---- UPDATE 21:40HRS 9/8/97 DEP A.HENRY IS ON LOCATION & ERT NEWELL IS ON LOCATION.....AT 23:20HRS 9/8/97SUPERVISIOR WALKER REPORTS THAT THE CLEAN UP IS COMPLETE USING A FLUSH TRUCK, DIAPERS AND ABSORBANT BOTH CATCH BASINSWERE CLEANEDUPDATE.- 9-SEPT-1997, 10:00 AM, MANAGER M.RODRIGUEZ MEET ERT GLENN NEWELL AND DEP REPR. A. HENRY AT 2140. ALL THREE CATCHBASINS STARTING AT 3RD STREET WERE OPENED AND CLEANED BY FLUSH AT THE REQUEST OF DEP AND ERT. 23:20HRS CLEANUPCOMMPLETED. CORRECTION: THE LIQUID THAT LEAKED FROM VEHICLE 60505 (VACTOR) WAS FROM INSIDE THE DEBRIS TANK OF THE VEHICLE. THECONTENTS OF THIS TANK IS THE DEBRIS WE PICK UP FROM UNDERGROUND ELECTRICAL STRUCTURES. THESE VEHICLES DO NOT AT ANY TIMEPICK UP OIL. THE INCIDENT SHOULD NOT SAY OIL AND WATER, BUT DIRTY WATER AND LEAD DEBRIS. MJR - 77809 THIS INCIDENT IS CLOSED.
Remarks: FLUSH TRUCK FOR SEWERS WHILE IN OPERATION ACCIDENTLY SPILLEDPRODUCT - ALL CONTAINED - POSS SEWER CONTAINATION - NOT VERIFIED

Material:
Site ID: 263577
Operable Unit ID: 1053056
Operable Unit: 01
Material ID: 332420
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100
Units: Gallons
Recovered: 100
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9607770
Facility Type: ER
DER Facility ID: 167996
Site ID: 276610
DEC Region: 2
Spill Date: 9/20/1996
Spill Number/Closed Date: 9607770 / 5/27/1998
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 9/20/1996
CID: 365
Water Affected: Not reported

CON EDISON (Continued) **S102234639**

Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/20/1996
Spill Record Last Update: 5/27/1998
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 128 WEST END AVENUE
Spiller City,St,Zip: NEW YORK, NY 10023
Spiller Company: 001
Contact Name: CALLER
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Remarks: unknown cause out of con ed veh

Material:
Site ID: 276610
Operable Unit ID: 1038926
Operable Unit: 01
Material ID: 347027
Material Code: 0043A
Material Name: ANTIFREEZE
Case No.: Not reported
Material FA: Other
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9703946
Facility Type: ER
DER Facility ID: 167996
Site ID: 299102
DEC Region: 2
Spill Date: 7/1/1997
Spill Number/Closed Date: 9703946 / 2/28/2003
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 7/1/1997
CID: 205
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party

CON EDISON (Continued) **S102234639**

Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/1/1997
Spill Record Last Update: 2/28/2003
Spiller Name: CALLER
Spiller Company: CON EDISON 3RD AVE YARD
Spiller Address: 222 1ST STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: CALLER
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"e2mis 10885101 JUL 1997 1212HRS MR DITRENTO #52669 REPORTS AT 3 RD AVE YARD NORTH GARAGE VEHICLE C60305 OIL LINE RUPTURED SPILLING 20GALLONS OIL ON TRUCK AND CONCRETE FLOOR . AREA HAD BEEN PROTECTED BY BALONEYS AND IS CONTAINED. LAST UNIT RECYCLED 10PPM. CLEAN UP IN PROGRESS.01-JUL-1997 1435HRS DITRENTO REPORTS CLEANUP COMPLETE WITH FLUSH TRUCK, SLIX, DIAPERS AND ABSORBANT.
Remarks: ruptured hose on a recycling truck. clean up started.

Material:
Site ID: 299102
Operable Unit ID: 1046881
Operable Unit: 01
Material ID: 569514
Material Code: 0020A
Material Name: TRANSFORMER OIL
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9415797
Facility Type: ER
DER Facility ID: 167996
Site ID: 201957
DEC Region: 2
Spill Date: 3/6/1995
Spill Number/Closed Date: 9415797 / 2/13/1998
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 3/6/1995
CID: Not reported

CON EDISON (Continued) **S102234639**

Water Affected: Not reported
Spill Source: Non Major Facility > 1,100 gal
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/12/1995
Spill Record Last Update: 2/13/1998
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Company: Not reported
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: 3 QTS. LEAKED OUT OF A CABLE

Material:
Site ID: 201957
Operable Unit ID: 1009235
Operable Unit: 01
Material ID: 370975
Material Code: 0020B
Material Name: CABLE OIL
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 201957
Operable Unit ID: 1009235
Operable Unit: 01
Material ID: 370974
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 1114458
Facility Type: ER
DER Facility ID: 353674
Site ID: 462517
DEC Region: 2

CON EDISON (Continued) **S102234639**

Spill Date: 3/29/2012
Spill Number/Closed Date: 1114458 / 5/10/2012
Spill Cause: Traffic Accident
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 3/29/2012
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/29/2012
Spill Record Last Update: 5/10/2012
Spiller Name: ERT
Spiller Company: UNK SPILLER/ 3RD PARTY SPILL
Spiller Address: 222 1ST ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: 2125808383
DEC Memo: 5/10/12 - Austin - @ gal. anti-freeze spil to pavement/sewer near Con Ed facility, involving two non-Con Ed vehicles - FDNY put down Dryz-sorb, Con Ed removed the material - See eDocs files for further information - Spill closed - end
Remarks: 2 gallons lost to sewer from a mva , con ed is not the spiller. nrc 1007179

Material:
Site ID: 462517
Operable Unit ID: 1212600
Operable Unit: 01
Material ID: 2210471
Material Code: 0043A
Material Name: ANTIFREEZE
Case No.: Not reported
Material FA: Other
Quantity: 2
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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

T164 **TK60446** **RCRA NonGen / NLR** **1007207389**
SSE **3RD. AVE YARD** **NYP004044368**
1/8-1/4 **NEW YORK CITY, NY 11251**
0.202 mi.
1069 ft. **Site 4 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/03/2001
Facility name: TK60446
Facility address: 3RD. AVE YARD
NEW YORK CITY, NY 11251
EPA ID: NYP004044368
Mailing address: CONSOLIDATED EDISON INC.
4 IRVING PLACE -- ROOM 300
NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC.
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 01/02/2001
Facility name: TK60446
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: TK60446
Classification: Large Quantity Generator

Violation Status: No violations found

T165 **CON EDISON** **NY MANIFEST** **S102238222**
SSE **222 FIRST STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.202 mi.
1069 ft. **Site 5 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:
EPA ID: NYP004281127
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2012-12-27
Trans1 Recv Date: 2012-12-27
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-01-03
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004281127
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 80.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 001676280GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

SPILLS:
Facility ID: 9510404
Facility Type: ER

CON EDISON (Continued) **S102238222**

DER Facility ID: 167996
Site ID: 299101
DEC Region: 2
Spill Date: 11/16/1995
Spill Number/Closed Date: 9510404 / 11/20/1995
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 11/18/1995
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/18/1995
Spill Record Last Update: 1/24/1996
Spiller Name: MR PANICOGENE
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: MR PANICOGENE
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"Cleaned up by spiller
Remarks: ANTIFREEZE LEAKED OUT OF VEHICLE IN GARAGE

Material:
Site ID: 299101
Operable Unit ID: 1024882
Operable Unit: 01
Material ID: 553742
Material Code: 0043A
Material Name: ANTIFREEZE
Case No.: Not reported
Material FA: Other
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

T166 **CON EDISON - 3RD AVE** **RCRA-LQG 1000111635**
SSE **222 FIRST STREET** **NJ MANIFEST NYD000706218**
1/8-1/4 **BROOKLYN, NY 11215** **NY MANIFEST**
0.202 mi.
1069 ft. **Site 6 of 9 in cluster T**

Relative: Higher

Actual: 22 ft.

RCRA-LQG:
Date form received by agency: 03/06/2012
Facility name: CON EDISON - 3RD AVE
Facility address: 222 FIRST STREET
BROOKLYN, NY 112151892
EPA ID: NYD000706218
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (212) 460-2808
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2006
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE

CON EDISON - 3RD AVE (Continued) **1000111635**

NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/31/1945
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2006
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 03/23/2010
Facility name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 02/21/2008
Facility name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 02/21/2006
Facility name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 02/20/2006
Facility name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

CON EDISON - 3RD AVE (Continued) **1000111635**

Date form received by agency: 02/25/2004
Facility name: CON EDISON - 3RD AVE
Site name: CON EDISON - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 05/31/2002
Facility name: CON EDISON - 3RD AVE
Site name: CON EDISION - 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: CON EDISON - 3RD AVE
Site name: 3RD AVE
Classification: Large Quantity Generator

Date form received by agency: 02/26/1998
Facility name: CON EDISON - 3RD AVE
Site name: CON ED - THIRD AVENUE SERVICE CENTER
Classification: Large Quantity Generator

Date form received by agency: 03/29/1996
Facility name: CON EDISON - 3RD AVE
Site name: CON EDISON -
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Facility name: CON EDISON - 3RD AVE
Site name: CON EDISON-THIRD AVENUE SERVICE CENTER
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: CON EDISON - 3RD AVE
Site name: CON ED - 3RD AVENUE
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: CON EDISON - 3RD AVE
Site name: CON EDISON - THIRD AVENUE SERVICE YARD
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

CON EDISON - 3RD AVE (Continued) **1000111635**

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: B002
Waste name: B002

Waste code: B004
Waste name: B004

Waste code: B007
Waste name: B007

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 827

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 105

Waste code: D008
Waste name: LEAD
Amount (Lbs): 287671

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 70

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 420

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 328

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 328

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/23/2009
Date achieved compliance: 04/30/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/11/2009
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 04/30/2009
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-3.2(g)(2)
Area of violation: Generators - General
Date violation determined: 10/24/2003
Date achieved compliance: 12/04/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/20/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/14/2012
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 04/01/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/23/2009

CON EDISON - 3RD AVE (Continued) **1000111635**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/30/2009
Evaluation lead agency: State

Evaluation date: 10/24/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/04/2003
Evaluation lead agency: State

NJ MANIFEST:
Manifest Code: 003204323FLE
EPA ID: NYP004243218
Date Shipped: 10/15/2011
TSDF EPA ID: NJD002200046
Transporter EPA ID: NYD000706218
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: CONSOLIDATED EDISON CO OF NY
Transporter-1 EPA Facility Name: CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: CYCLE CHEM INC
QTY Units: kilograms
Transporter SEQ ID: 1.00
Transporter-1 Date: 10/15/2011
Waste SEQ ID: 1.00
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 10/21/2011
Manifest Discrepancy Type: Other
Data Entry Number: Not reported
Reference Manifest Number: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Was Load Rejected (Y/N): Not reported
Reason Load Was Rejected: Not reported
Waste Code: D008
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 1,376.00
Unit: kilograms
Hand Code: H141

Manifest Code: 003634366JJK
EPA ID: NYP004242947
Date Shipped: 10/8/2011
TSDF EPA ID: NJD002200046
Transporter EPA ID: NYD000706218
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: CONSOLIDATED EDISON CO OF NY MH #715
Transporter-1 EPA Facility Name: CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: CYCLE CHEM INC
QTY Units: kilograms
Transporter SEQ ID: 1.00
Transporter-1 Date: 10/8/2011
Waste SEQ ID: 1.00
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 10/14/2011
Manifest Discrepancy Type: Quantity
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	824.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019301JJK
EPA ID:	NYP004243242
Date Shipped:	10/16/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	10/16/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	10/21/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,376.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019323JJK
EPA ID:	NYP004236917
Date Shipped:	6/14/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #435
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	6/14/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	6/15/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008

CON EDISON - 3RD AVE (Continued) **1000111635**

Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,082.00
Unit:	kilograms
Hand Code:	H141
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,082.00
Unit:	kilograms
Hand Code:	H141
Manifest Code:	007019323JJK
EPA ID:	NYP004236917
Date Shipped:	6/14/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #435
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	6/14/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	6/15/2011
Manifest Discrepancy Type:	Type

CON EDISON - 3RD AVE (Continued) **1000111635**

Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,082.00
Unit:	kilograms
Hand Code:	H141
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,082.00
Unit:	kilograms
Hand Code:	H141
Manifest Code:	007019324JJK
EPA ID:	NYP004237651
Date Shipped:	6/28/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MANHOLE #67168
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	6/28/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/1/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	3,146.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019325JJK
EPA ID:	NYP004237669
Date Shipped:	6/28/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MANHOLE #2044
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	6/28/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/1/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	2,909.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019326JJK
EPA ID:	NYP004237800
Date Shipped:	6/30/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #1954
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/12/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Type Code 6:	Not reported
Date Accepted:	7/12/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	136.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019327JJK
EPA ID:	NYP004237818
Date Shipped:	6/30/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #1952
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/12/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number EPA ID Number

CON EDISON - 3RD AVE (Continued) **1000111635**

Date Accepted:	7/12/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	91.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019328JJK
EPA ID:	NYP004237958
Date Shipped:	7/2/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #4168
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/12/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/12/2011

CON EDISON - 3RD AVE (Continued) **1000111635**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	91.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019329JJK
EPA ID:	NYP004238073
Date Shipped:	7/9/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #66844
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/12/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/12/2011
Manifest Discrepancy Type:	Other

CON EDISON - 3RD AVE (Continued) **1000111635**

Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	46.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019330JJK
EPA ID:	NYP004238131
Date Shipped:	7/11/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #67932
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/12/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/12/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	545.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019332JJK
EPA ID:	NYP004238255
Date Shipped:	7/13/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #1538
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/13/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/19/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	4,196.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019334JJK
EPA ID:	NYP004242756
Date Shipped:	10/5/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	10/5/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	10/14/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	824.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019337JJK
EPA ID:	NYP004240990
Date Shipped:	9/4/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #2597
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/4/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/8/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	1,337.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019339JJK
EPA ID:	NYP004242954
Date Shipped:	10/8/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #1850
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	10/8/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	10/14/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008

CON EDISON - 3RD AVE (Continued) **1000111635**

Manifest Year:	2011 New Jersey Manifest Data
Quantity:	824.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019340JJK
EPA ID:	NYP004240560
Date Shipped:	8/26/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #691
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	8/31/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/31/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data

CON EDISON - 3RD AVE (Continued) **1000111635**

Quantity:	350.00
Unit:	kilograms
Hand Code:	H141

Manifest Code:	007019341JJK
EPA ID:	NYP004240537
Date Shipped:	8/26/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #2863
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	8/31/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/31/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	348.00

CON EDISON - 3RD AVE (Continued) **1000111635**

Unit:	kilograms
Hand Code:	H141
Manifest Code:	007019342JJK
EPA ID:	NYP004240503
Date Shipped:	8/24/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD000706218
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	CONSOLIDATED EDISON CO OF NY MH #581
Transporter-1 EPA Facility Name:	CONSOLIDATED EDISON OF NY
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	kilograms
Transporter SEQ ID:	1.00
Transporter-1 Date:	8/31/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/31/2011
Manifest Discrepancy Type:	Quantity
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	348.00
Unit:	kilograms

CON EDISON - 3RD AVE (Continued) **1000111635**

Hand Code:	H141
Manifest Code:	000411115GBF
EPA ID:	NYD000706218
Date Shipped:	04/09/2008
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/09/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/09/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	40280
Unit:	P
Hand Code:	H111

CON EDISON - 3RD AVE (Continued) **1000111635**

NY MANIFEST:

EPA ID:	NYD000706218
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE
Mailing Address 2:	RM 828
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	07
Manifest Status:	001442723FLE
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	ALD983167891
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD071629976
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	CM
Container Type:	2893
Handling Method:	K
Specific Gravity:	1
Waste Code:	R
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	07
Manifest Status:	000015869GBF
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	NJD991291105
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD003812047
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N

CON EDISON - 3RD AVE (Continued) **1000111635**

Trans1 EPA ID:	N
Trans2 EPA ID:	Y
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DT
Container Type:	39220
Handling Method:	P
Specific Gravity:	1
Waste Code:	T
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	07
Manifest Status:	000015870GBF
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	NJD991291105
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJD003812047
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	Y
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DT
Container Type:	41920
Handling Method:	P
Specific Gravity:	1
Waste Code:	T
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	07
Manifest Status:	000015871GBF
Trans1 State ID:	NYD000706218
Trans2 State ID:	Not reported
Generator Ship Date:	NJD991291105
Trans1 Recv Date:	Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 39960
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000015872GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 48700
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07

CON EDISON - 3RD AVE (Continued) **1000111635**

Manifest Status: 000015873GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 47800
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180267GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD00382047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 44400
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180268GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 49200
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180269GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 30480
Handling Method: P
Specific Gravity: 1
Waste Code: T

CON EDISON - 3RD AVE (Continued) **1000111635**

Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180270GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 27280
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180271GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1

CON EDISON - 3RD AVE (Continued) **1000111635**

Number of Containers: DT
Container Type: 44000
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180272GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 32240
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180273GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N

CON EDISON - 3RD AVE (Continued) **1000111635**

Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 26180
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180274GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 45780
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180275GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047

CON EDISON - 3RD AVE (Continued) **1000111635**

TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 40660
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180276GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 50220
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180277GBF

CON EDISON - 3RD AVE (Continued) **1000111635**

Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 44000
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000180278GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 41770
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Year: Not reported

Document ID: 07
Manifest Status: 000181886GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 46060
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 07
Manifest Status: 000181887GBF
Trans1 State ID: NYD000706218
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJD003812047
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: Y
TSDF ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 55960
Handling Method: P
Specific Gravity: 1
Waste Code: T
Quantity: Not reported

CON EDISON - 3RD AVE (Continued) **1000111635**

Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Click this hyperlink while viewing on your computer to access
34645 additional NY_MANIFEST: record(s) in the EDR Site Report.

T167 **CONSOLIDATED EDISON** **NY MANIFEST** **1009231492**
SSE **222 FIRST ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.202 mi.
1069 ft. **Site 7 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:
EPA ID: NYP000706218
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NJA3181046
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/19/2002
Trans1 Recv Date: 08/19/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/19/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000706218
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: S5811
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 03000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: CTF0976039
Manifest Status: Not reported
Trans1 State ID: MAD039322250

CONSOLIDATED EDISON (Continued) **1009231492**

Trans2 State ID: MAD039322250
Generator Ship Date: 12/11/2002
Trans1 Recv Date: 12/11/2002
Trans2 Recv Date: 12/31/2002
TSD Site Recv Date: 12/31/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000706218
Trans1 EPA ID: CTD000604488
Trans2 EPA ID: Not reported
TSDF ID: 56293MA
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00025
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA4071189
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/20/2002
Trans1 Recv Date: 08/20/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/20/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000706218
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: S5811
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 03000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NYE0460881
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/29/2002
Trans1 Recv Date: 10/29/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/30/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000706218
Trans1 EPA ID: NYD980593636

CONSOLIDATED EDISON (Continued) **1009231492**

Trans2 EPA ID: Not reported
TSDF ID: SM1563
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00437
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2007-06-12
Trans1 Recv Date: 2007-06-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2007-06-12
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: Not reported
Quantity: 100.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2007
Manifest Tracking Num: 001442825FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 6/12/2007
Trans1 Recv Date: 6/12/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 6/12/2007
Part A Recv Date: Not reported

CONSOLIDATED EDISON (Continued) **1009231492**

Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: Not reported
Quantity: 100
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 001442825FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2008-11-14
Trans1 Recv Date: 2008-11-14
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-11-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: Not reported
Quantity: 23.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 001443522FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N

CONSOLIDATED EDISON (Continued) **1009231492**

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-01-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 62.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001441665FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-01-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported

CONSOLIDATED EDISON (Continued) **1009231492**

Quantity: 62.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001441665FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-01-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 62.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001441665FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

CONSOLIDATED EDISON (Continued) **1009231492**

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-01-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 62.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001441665FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 2010-01-14
Trans1 Recv Date: 2010-01-14
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-01-19
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000705218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 142.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0

CONSOLIDATED EDISON (Continued) **1009231492**

Year:	2010
Manifest Tracking Num:	001435132FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	2010-01-14
Trans1 Recv Date:	2010-01-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-01-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD000705218
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	142.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	001435132FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

T168 **TM439** **RCRA NonGen / NLR** **1007207059**
SSE **222 1ST STREET** **NY MANIFEST** **NYP004036729**
1/8-1/4 **NEW YORK CITY, NY 11215**
0.202 mi.
1069 ft. **Site 8 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	TM439
Facility address:	222 1ST STREET NEW YORK CITY, NY 11215
EPA ID:	NYP004036729
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/02/2001
Facility name:	TM439
Classification:	Not a generator, verified

Date form received by agency:	01/01/2001
Facility name:	TM439
Classification:	Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004036729
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828

TM439 (Continued) **1007207059**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808
Document ID:	NYE0242256
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	04/30/1999
Trans1 Recv Date:	04/30/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/03/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004036729
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	31877AJ
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01555
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

T169 **THIRD AVENUE YARD** **NY HIST UST U001832241**
SSE **222 FIRST STREET** **NY HIST AST N/A**
1/8-1/4 **BROOKLYN, NY 11215** **NY Spills**
0.202 mi.
1069 ft. **Site 9 of 9 in cluster T**

Relative:
Higher

Actual:
22 ft.

HIST UST:

PBS Number:	2-452726
SPDES Number:	Not reported
Emergency Contact:	CENTRAL INFORMATION GROUP
Emergency Telephone:	(212) 580-6763
Operator:	T & S DEPT.
Operator Telephone:	(718) 204-4029
Owner Name:	CONSOLIDATED EDISON CO OF NY
Owner Address:	4 IRVING PLACE RM 300
Owner City,St,Zip:	NEW YORK, NY 10003
Owner Telephone:	(212) 460-3968
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CONSOLIDATED EDISON CO OF NY
Mailing Address:	4 IRVING PLACE RM 300
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10003
Mailing Contact:	W.A.HOMYK DIRECTOR
Mailing Telephone:	(212) 460-3968
Owner Mark:	First Owner

THIRD AVENUE YARD (Continued) **U001832241**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	222 1ST STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	UTILITY
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/30/1999
Expiration Date:	08/23/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	09/01/1998
Capacity (gals):	2500
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	03/01/1998
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	05/01/1998
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported
Tank Id:	002
Tank Location:	UNDERGROUND

THIRD AVENUE YARD (Continued) **U001832241**

Tank Status: Closed-Removed
Install Date: 09/01/1998
Capacity (gals): 2500
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: None
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: 03/01/1998
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: Proeco Sewer Test or U2 Ullage
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 41-D
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 12/01/1980
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: High Level Alarm, None
Dispenser: Suction
Date Tested: 05/01/1991
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 41-D(004)
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 09/01/1998
Capacity (gals): 4000

THIRD AVENUE YARD (Continued) **U001832241**

Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: High Level Alarm
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 41-G
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 09/01/1998
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: High Level Alarm, None
Dispenser: Suction
Date Tested: 05/01/1991
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: D06
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 11/01/1998
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Fiberglass coated steel
Tank Internal: None

THIRD AVENUE YARD (Continued) **U001832241**

Tank External: 42
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 42
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: G05
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 11/01/1998
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass coated steel
Tank Internal: None
Tank External: 42
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 42
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:
PBS Number: 2-452726
SWIS Code: 6101
Operator: T & S DEPT.
Facility Phone: (718) 204-4029
Facility Addr2: 222 1ST STREET
Facility Type: UTILITY
Emergency: CENTRAL INFORMATION GROUP
Emergency Tel: (212) 580-6763
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported

THIRD AVENUE YARD (Continued) **U001832241**

Result of Inspection: Not reported
Owner Name: CONSOLIDATED EDISON CO OF NY
Owner Address: 4 IRVING PLACE RM 300
Owner City,St,Zip: NEW YORK, NY 10003
Federal ID: Not reported
Owner Tel: (212) 460-3968
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: W.A.HOMYK DIRECTOR
Mailing Name: CONSOLIDATED EDISON CO OF NY
Mailing Address: 4 IRVING PLACE RM 300
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10003
Mailing Telephone: (212) 460-3968
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 07/30/1999
Expiration: 08/23/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 8275
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City Code: 01
Region: 2

Tank ID: 3RD-1
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 12/01/1985
Capacity (Gal): 275
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 1
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported

THIRD AVENUE YARD (Continued) **U001832241**

Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

SPILLS:
Facility ID: 0203307
Facility Type: ER
DER Facility ID: 167996
Site ID: 263576
DEC Region: 2
Spill Date: 6/27/2002
Spill Number/Closed Date: 0203307 / Not Reported
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: JMOCONNE
Referred To: COMMENTS SENT JAN 31
Reported to Dept: 6/27/2002
CID: 266
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 1
Date Entered In Computer: 6/27/2002
Spill Record Last Update: 1/31/2014
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY / ARAKHAN"7/25/02 Met with M. Sicherman and Sam Arakhan to discuss the high PCB readings in the employee parking lot. She explained that this spill was called in and was thought to be gasoline. We discussed combining the UST and PCB investigations. (KMF)9/5/02 Phonecall from Maureen Sicherman. So far, they cannot locate 14 tanks. Suggested Con Ed submit proposal to do a site investigation. (KMF)9/16/02 Phone converstaion with M. Sicherman. Submitting letter on how they're going to locate tanks. Not going to try GPR because they've tried this in the area before and were unsuccessful. Going to dig 5'deep trenches and test pits based on information from property records and Sanborne maps. These records indicate tanks were removed in 1964 (they disappear from map to map). QAPP/Workplan being rewritten. (KMF)9/25/02 Received UST Investigation proposal from M. Gonzalez. (KMF)10/9/02 Phone conversation with M. Sicherman. Include diesel as contaminant and PCBs. Use "Fuel oil contaminated soil" TAGM 4046. Will send letter confirming conversation. (KMF)10/9/02 Relayed Sam Arakhan's comments

THIRD AVENUE YARD (Continued) **U001832241**

to M. Sicherman. Requested site map and MW-2 location. (KMF)10/10/02 Spoke with M. Sicherman. Will address comments when she receives a letter. (KMF)10/10/02 Sent out letter in response to scope of work. (KMF)11/4/02 Received QAPP for the Groundwater Investigation and Remedial Action Plan for PCBs and unknown USTs in the employee parking lot dated May 28, 2002 (revised November 1, 2002).11/21/02 Yesterday afternoon found wall of tank while trenching. Appear to be heating oil tanks (maybe 250gal). Clean Harbors uncovered another tank while looking for port to first tank. Excavation is 40'X20'. Asked about 30day requirement to notify DEC to close the tanks. Replied that this did not apply in this case. Also directed her to arrange to register the tanks. (KMF)11/21/02 Update: Removed 3 drums of oily sludge from tanks. Will fully characterize and analyze for PCBs. Regular turnaround for rolloff waste characterization of soils and sludge. Appendix B Category B deliverables will cause them to store rolloff for about a month.11/25/02 Construction management was proceeding this morning and saw two tanks ad adjacent two tanks. Four tanks altogether. Appear to be 550gal. Will sample liquid and determine flash point and product. (KMF)11/25/02 Update: UST-II area (where they had shifted the soil within the excavation) was expanded another 5' north and uncovered top of tanks. Found mostly water inside. Took samples and saw some sludge at bottom.12/11/02Update: PCB confirmatory sampling results are not yet available. All potentially impacted soil from around lube tanks had been excavated and samples collected from soil. Also reported as hazardous for lead. Will be disposed of as such. At the south area, gas tanks liquids were treated as hazardous for benzene. (KMF)12/17/02Mariela Gonzalez informed me that an additional 6 tanks were located and were full of water. Will sample for oil ID, PCBs and RCRA. Soil is stained under the other 4 tanks. Concrete anchoring slab was broken out (approx 4" thick) and contamination was found. Waiting to see if water in excavation percolates. Will inspect graves tomorrow afternoon if possible. (KMF)12/19/02Met with M. Gonzalez and Chad of Jacques Whitford. Met to discuss results of preliminary samples. She will send a summary of results with an updated map of tank areas. Mariela is concerned about levels of metals and requested that DEC negotiate cleanup levels and amounts of soil to be removed. Sidewalk on east side of UST-II area mat be undermined. One high PCB hit (26ppm) on south side of PCB-II area. Mariela is concerned about how much soil will need to be removed from this area. Will research test pit data and determine extent of contamination in this area if possible.UST-I area - no tanks were found initially. Found two lube oil tanks when trench was extended.Additionally 6 tanks located north of UST-I area. Samples have been taken from the tanks. (KMF)1/05/04 Arakhan PCB cleanup and removal of old USTs have been completed. ConEd (Maria Gonzalez) will submit report shortly.Subsequent to completion of PCB remediation, elevated concentrations of BTEX/gasoline detected in monitoring wells. Additional investigation and remediation efforts conducted. (JHO)4/22/04: Con Edison submits UST Closure Summary Report for 14 tanks uncovered during excavation and removal of PCB contamianted soil associated with the employee parking lot. The report documents post-excavation soil sampling resultsfor PCBs, VOCs and SVOCs.5/27/04: E-mail from Con Ed (M. Gonzalez) transmitting results of May 2004 groundwater sampling event. To summarize, there are low to moderate conentrations of BTEX compounds in groundwater which exceed standards. For example, benzene = 22 ppb max, toluene = 15 ppb max, ethylbenzene = 140 ppb max, xylene = 170 ppb max. See

THIRD AVENUE YARD (Continued) **U001832241**

eDocs for results. (JHO)6/7/04: revised groundwater contour map submitted by Con ed. See eDocs. (JHO)6/8/04: e-mail to Con Ed Mariela Gonzalez:"This is the third different groundwater contour/flow direction that I have seen for this site. I guess the addition of the wells around the north UST area helped get a better handle on it. I reviewed the groundwater analytical data for both the employee parking lot and the Service Center tanks [NOTE - see spill no. 9808009 for Service Center spill - JHO]. I think we are dealing with two distinct plumes, based on the following observations:1. I don't see any MTBE associated with the employee parking lot plume. If this was, in fact, the leading edge of the plume from the Service Center, I would expect to see MTBE in addition to the BTEX.2. The presence of lead in the employee parking lot soils also leads me to believe this is a plume of older gasoline (leaded gas, no MTBE). How long before the new building is to be constructed on the employee parking lot? My suggestion would be to use ORC on this plume (hopefully we can do this now before construction begins) and install two wells each in the sidewalk adjacent to MW-1 and MW-3." (JHO)6/10/04: E-mail update from M. Gonzalez: "I'm glad you had the chance to catch up with this site. It is my understanding that construction activities at this site may begin in early August or September. [NOTE: Con Ed is planning on constructing a new office building on the former employee parking lot area.- JHO] Regarding ORC application at this site, I believe that because of the aggressive remediation at this site (more than 9,000 tons of soil removed and all 14 USTs removed) and the current levels of VOCs in GW -range between 11 ppb (Benzene) to 160 ppb (Xylenes), it wouldn't be necessary. It seems like the plume is stable and mainly around the MW1. I know that we have a short window of opportunity to do it and with the ORC treatment being able to get a faster remediation conditions to achieve a NFA, rather than waiting and monitoring GW for much longer time. So, I'm open to discuss. Perhaps, we could perform one ORC application but limited to the North Area (around MW1), since the middle and south areas (where MW2 and MW3) are clean. The approximate cost of ORC application for the north area is $30-40 K. Regarding installation of additional MWs, we need to further evaluate the number and the location required because heavy presence of all kind of underground utilities between the property and the Fourth Ave. Within the property say, by the north-east corner (about 60-65 feet north of MW1) is a possibility. MW1 and MW 3 will be preserved. I'll be calling you to discuss." (JHO)6/25/04: e-mail from M. Gonzalez proposing ORC injection for wells at parking lot, as follows:"Jane, here attached the GW flow contour for the 3rd Ave Yard (combining the MWs at the Service Center and the parking Lot). Also, FE [First Environment]used Regenesis calculation web tool to determine the optimal grid size and ORC material required for a limited ORC injection to address VOCs exceedances in the MW#1. I provided FE the end-point soil results for the North excavation area. John plotted the soil VOC results in the proposed ORC injection site Plan. (Note: I took a second look to those end-point soil VOCs concentration, and they are below the TAGM Recommended Cleanup objective to protect GW, Also to note that excavation at the north area went down to 10-11 feet, in contrast to the south or TP15 area which were excavated as deep as 14 feet.) I would like to schedule the ORC application at the Parking Lot ASAP." See eDocs for e-mail and attachments. (JHO)7/9/04: E-mail to Con Ed Gonzalez approving ORC proposal:"I reviewed the info you e-mailed me on June 25 and agree with the ORC proposal with one change: I'd like

THIRD AVENUE YARD (Continued) **U001832241**

FE to install one new monitoring well in the sidewalk downgradient of the ORC injection area. I know you told me that well MW-1 will be spared from the construction activities, but I'd still like to have a monitoring point that is outside of the immediate injection zone." (JHO)7/23/04: e-mail from Con Ed Gonzalez: "This note to update you with our plans regarding the ORC project at the 3rd Ave yard Parking Lot.* Monday, July 26: A field walk among Remediation, CM, the consultant and subcontractor is scheduled at 9 AM. We will be reviewing the scope of work and selecting the injection points. Also we will be reviewing utility drawings and the code 753 markups so that we can select a location for the requested sentinel MW.*The ORC implementation will commence on July 30th.*Pending on MW location, if for example is to be done outside the site property (on the sidewalk), a street permit will have be secured, at this time we don't know, or at which sidewalk the MW will be installed, therefore, upon Monday field walk, I'll update you regarding proposed schedule to install this MW." (JHO)7/26/04: site visit with Con ed (Mariela Gonzalez, Vinny Desiderio and Ulrick Samuel) and First Environment (John Engdahl). 2 additional wells will be installed to the northeast and southeast of existing well MW-1 in the former parking lot area. Both proposed wells are within property/fence line.(JHO)7/26/07: e-mail from Con Ed Gonzalez: As we discussed, I'm attaching GW data from the original three MWs installed at the parking Lot. These wells were destroyed during soil excavation. Also attached is GW data (three rounds of data) for the existing MW#3 (at the south area). I only summarized VOCs since SVOC are either ND or below GW standards.And to document, below I typed some of the clarifications regarding the scope of work:- Two MWs (could be 2" diameter) to be installed at about 5' south and north of the ORC injection borders. The wells to be located the closest possible toward the property fence at 4th Ave, but inside the parking lot property.- At these two MW locations, soil sampling is not anticipated since wells are being drilled on clean sand from 0 to 10'. If soil below 10' shows any evidence of contamination (odor, color or high PID readings) then a soil sample above the GW elevation should be collected.- The MW #1 and #2 will be extended out [NOTE: converted to stick up wells - JHO] so that the MWs are not covered during paving/site surface restoration activities." E-mailed response to Gonzalez: "The concentrations in groundwater from the one round of sampling of the original wells in the south tank area indicates no detectable VOCs. These wells were closer to the tanks (the ostensible source of the contamination). The concentrations in new MW-3 seem to be fairly consistent, and are low. You can stick to the original plan - i.e., ORC for the north tank area. The south area will be capped with the new building, preventing any further rainwater infiltration. I would recommend that well MW-3 be sampled on the same frequency as the north area wells in order to track any remaining contaminant concerns." NOTE ADDED 9/11/07 BY JHO - there were 14 x 550-gallon gasoline USTs located in the northern area, which is the source of the contamination. (JHO)7/28/04: NFA letter for PCBs in soil issued to Con Edison. (SKA)9/24/04: E-mail from M. Gonzalez transmitting lab results for soil and groundwater collected during installation of additional monitoring wells. High concentrations of gasoline constituents were noted in soil along fence line, where no soil was previously excavated. The original excavation for the PCB contamianted soil encountered a number of 550-gallon gasoline USTs, which were excavated and removed. However, in an effort to prevent

THIRD AVENUE YARD (Continued) **U001832241**

the fence along the site perimeter from collapsing, excavation was halted before reaching clean end-points. The two new wells (MW-4 and MW-5) were installed in the "native" material. Concentrations in soil in the native material range from ND for benzene to 1416 ppm for xylenes. Groundwater collected from wells MW-1, MW-3, MW-4 and MW-5 show moderate to high conentrations of dissolved BTEX (highest benzene = 1730 ppb, toluene = 7070 ppb, ethylbenzene = 3170 ppb, xylene = 16,600 ppb). These are the concentrations following ORC injection, which was completed on July 31, 2004.10/5/04: Con Ed submits report on September 2004 monitoring well installation and groundwater sampling event. 8/6/07: e-mail from John Engdahl (First Environment) transmitting conceptual proposal for surfactant injection to enhance product recovery efforts: "Attached please find our memo summarizing the recent investigation activities and the proposed investigation (soil gas) and remediation (VEFR w/ surfactant injection) for the 3rd Avenue Employee Parking Lot. Your expedited review of the document would be greatly appreciated, particularly the soil gas sampling portion. We followed the NYS DOH guidance document, however the guidance document does not specifically address our situation (i.e., near slab samples for VI assessmentpurposes, unconfined surface cover, etc.). We developed our scope based on our experience and knowledge from other sites and other guidance documents, including the NJDEP, EPA, ITRC, and API. We have schedule the GeoProbe for this Thursday, August 9, 2007." See eDocs for memo. (JHO)8/9/07: e-mail response to First Environment (Engdahl): "As we discussed on the phone this morning, NYSDOH has reviewed the soil vapor sampling plan and finds it acceptable. You will not need to run the SIM method, since the TO-15 detection limits should be sufficient. Please make sure to tell the lab what contaminants you are specifically interested in (i.e., BTEX). As for the proposal for surfactant flushing, please send a hard copy of the memo with the revised figure to:Jim HarringtonNYSDEC - Bureau of Technical Support625 BroadwayAlbany, NY 12233-7020Please send me a hard copy of the revised figure, and e-mail me a PDF version as well."NOTE: memo saved in eDocs contains both original and revised site plan. (JHO)8/22/07: Spoke with Jim Harrington, DER Technical Support - he has assigned this to Kevin Carpenter, who will review the proposal and provide comments. (JHO)1/31/14 - Remedial action work plan recieved from consultant recommended surfactant injection to address LNAPL which has been recurring in site wells. Sent comments/questions reply via email. (JOC)

Remarks: HISTORICAL SPILL FOUND DURING SOME TEST BORINGS. NO SEWERS OR WATERWAYS. NO SMOKE OR FIRE. NO PRIVATE PROPERTY AFFECTED. CON EDISON REFERENCE NUMBER NOT AVAILABLE AT THIS TIME.

Material:
- Site ID: 263576
- Operable Unit ID: 854139
- Operable Unit: 01
- Material ID: 521137
- Material Code: 0009
- Material Name: Gasoline
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: -1
- Units: Gallons
- Recovered: No
- Resource Affected: Not reported

THIRD AVENUE YARD (Continued) **U001832241**

Oxygenate: False

Tank Test:

AA170 **EDR US Hist Auto Stat** **1015378327**
SE **270 4TH AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
0.204 mi.
1076 ft. **Site 4 of 9 in cluster AA**

Relative:
Higher

Actual:
26 ft.

EDR Historical Auto Stations:

Name:	RIDGE AUTOMATIC TRANSMISSION CENTER
Year:	1999
Address:	270 4TH AVE
Name:	A B C COLLISION
Year:	2000
Address:	270 4TH AVE
Name:	ABC COLLISION
Year:	2001
Address:	270 4TH AVE
Name:	ABC COLLISION
Year:	2002
Address:	270 4TH AVE
Name:	ABC COLLISION
Year:	2003
Address:	270 4TH AVE
Name:	AUTOMOTIVE EXPRESS INC
Year:	2004
Address:	270 4TH AVE
Name:	AUTOMOTIVE EXPRESS INC
Year:	2005
Address:	270 4TH AVE
Name:	AUTOMOTIVE EXPRESS INC
Year:	2006
Address:	270 4TH AVE
Name:	A B C COLLISION
Year:	2007
Address:	270 4TH AVE
Name:	AUTO COLLISION CORP
Year:	2008
Address:	270 4TH AVE
Name:	A B C COLLISION
Year:	2009
Address:	270 4TH AVE
Name:	ABC COLLISION

(Continued) **1015378327**

Year: 2010
Address: 270 4TH AVE

Name: A B C COLLISION
Year: 2011
Address: 270 4TH AVE

Name: AUTOMOTIVE EXPRESS INC
Year: 2012
Address: 270 4TH AVE

AA171 **AUTO BODY CONCEPTS DBA ABC** **RCRA NonGen / NLR** **1001229433**
SE **270 4TH AVE** **NYR000060392**
1/8-1/4 **BROOKLYN, NY 11215**
0.204 mi.
1076 ft. **Site 5 of 9 in cluster AA**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: AUTO BODY CONCEPTS DBA ABC
Facility address: 270 4TH AVE
BROOKLYN, NY 112151819
EPA ID: NYR000060392
Mailing address: 4TH AVE
BROOKLYN, NY 11215
Contact: ANTHONY DIMONDA
Contact address: 4TH AVE
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 522-3111
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ANTHONY DIMONDA
Owner/operator address: 100 POILLON AVE
STATEN ISLAND, NY 10312
Owner/operator country: US
Owner/operator telephone: (718) 966-4135
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANTHONY DIMONDA
Owner/operator address: 100 POILLON AVE
STATEN ISLAND, NY 10312
Owner/operator country: US
Owner/operator telephone: (718) 966-4135
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

AUTO BODY CONCEPTS DBA ABC (Continued) **1001229433**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AUTO BODY CONCEPTS DBA ABC
Classification: Not a generator, verified

Date form received by agency: 09/16/1998
Facility name: AUTO BODY CONCEPTS DBA ABC
Classification: Small Quantity Generator

Violation Status: No violations found

X172 **PETROLEUM TANK CLEANERS** **NY MANIFEST** **S109371167**
NNE **236 BUTLER STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.204 mi.
1079 ft. **Site 2 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

NY MANIFEST:
EPA ID: NYD020585733
Country: USA
Mailing Name: PETROLEUM TANK CLEANERS
Mailing Contact: CHARLES LARA
Mailing Address: 236 BUTLER STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11217
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-624-6934

NY MANIFEST:
No Manifest Records Available

SPILLS:
Facility ID: 0806428
Facility Type: ER
DER Facility ID: 352930
Site ID: 403710
DEC Region: 2

PETROLEUM TANK CLEANERS (Continued) **S109371167**

Spill Date: 9/8/2008
Spill Number/Closed Date: 0806428 / 9/16/2008
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 9/8/2008
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/8/2008
Spill Record Last Update: 9/16/2008
Spiller Name: Not reported
Spiller Company: PETROLEUM TANK CLEANERS
Spiller Address: 236 BUTLER ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ANONYMOUS
Contact Phone: Not reported
DEC Memo: Sangesland spoke to Joe Ostrowski. He said there was a 55 gal drum that broke while being loaded onto a truck. Spill was contained and cleaned. Joe says there was NO oil into the storm drain.Piper will make a site visit.Piper. While moving a drum of waste oil fro mthe yard. The bottom broke. An oil water mixture ran down the curb and int othe sewer . upon arrival PTC was pumping the sewer clean and the roadway was cleaned using speedy dry. Spill closed.
Remarks: caller states that there is a massive oil spill coming from a tank out of a garage and flowing down the street into the sewer. caller states that the oil is flowing like a small stream. caller was drving by and noticed the spill.

Material:
Site ID: 403710
Operable Unit ID: 1160397
Operable Unit: 01
Material ID: 2151568
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

PETROLEUM TANK CLEANERS (Continued) **S109371167**

Facility ID: 1204042
Facility Type: ER
DER Facility ID: 421241
Site ID: 466899
DEC Region: 2
Spill Date: 7/24/2012
Spill Number/Closed Date: 1204042 / 7/25/2012
Spill Cause: Housekeeping
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 7/24/2012
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/24/2012
Spill Record Last Update: 7/25/2012
Spiller Name: ANONYMOUS EMAIL
Spiller Company: PETROLEUM TANK CLEANERS
Spiller Address: 236 BUTLER STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ANONYMOUS EMAIL
Contact Phone: ongoing
DEC Memo: DECPiper spoke with PTC. There must be a disgruntled neigbor as if and when they spill, ususally from a hose or the like, it is cleaned immediately and swept up as they are "in the business of cleaning spills" Spill closed.
Remarks: The following information was received from the complainant via e-mail either through the DEC public website Report an Environmental Violation Online page or directly to R5 dispatch mailbox: Who Did It: petroleum tank cleaners236 butler st brooklyn ny 11217 What Occurred: trucks spilling gallons of oil as they unload in the yard. and is covered in sand to hide it from the public eye. it seeps into the ground and runs into public sewers several of us have problems with the oil spilled in the street and it being tracked into our garages When Did It Occur: daily observationCounty: KingsMunicipality: brooklynLocation Or Address: 236 butler street brooklyn new york 11217 Not reported

Material:
Site ID: 466899
Operable Unit ID: 1216876
Operable Unit: 01
Material ID: 2215091
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported

PETROLEUM TANK CLEANERS (Continued) **S109371167**

Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 1112454
Facility Type: ER
DER Facility ID: 414853
Site ID: 460392
DEC Region: 2
Spill Date: 11/1/2011
Spill Number/Closed Date: 1112454 / Not Reported
Spill Cause: Housekeeping
Spill Class: Not reported
SWIS: 2401
Investigator: BKFALVEY
Referred To: Not reported
Reported to Dept: 11/1/2011
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 1/27/2012
Spill Record Last Update: 9/10/2012
Spiller Name: anthony lara
Spiller Company: petroleum tank cleaners
Spiller Address: 236 butler street
Spiller City,St,Zip: brooklyn, NY 11217
Spiller Company: 999
Contact Name: ANTHONY LARA
Contact Phone: (718) 624-4842
DEC Memo: During a PBS inspection on 11/1/11, petroleum staining was found on the ground around various UST's. In addition, there was a sheen visible on the water, which should not be present, in the secondary containment basin of Tank 005. On the floor of the boiler room, there were spill pads saturated with petroleum.1/27/12 Spill case opened today at request of DLE. PBS settlement conference held today. General Counsel will be issuing a consent oprder to PTC shortly. PTC was told today to provide sampling locations and depths of the unpaved areas where contaminated soil was found. They provided photos showing no visible contamination at the unpaved areas. No photos of the secondary containment area of Tank 005 or of the boiler room were provided. PTC stated that those areas were cleaned and epoxied (photos to be required in the compliance schedule). At the meeting, PTC was told that photos opf these areas are required. bf 2/24/12 Yesterday, sent e-mail to Nathan Edeson, engineer. He also e-amiled

PETROLEUM TANK CLEANERS (Continued) **S109371167**

me on 2/15/12 and called and left messages on 2/15, 2/21, and 2/23. He requested approval of their sampling plan and a copy of the PBS Inspection Report. The contaminated soil in the yard was removed according to PTC. Tjhey will sample in the affected areas. I replied to Mr. Edeson by e-mail yesterday requesting a list of contaminants they plan on sampling for and I provided the inspection report. He replied that they will sample for B-Tex. Today I responded stating that they need to sample for the contaminants listed in Table 3 of CP-51. I sent attached a pdf of Table 3 to the e-mail. bf9/10/12 Called N. Edeson (917)299-4340. Left voicemaikl message requesting the status of the sampling results. bf
Remarks: Not reported

Material:
Site ID: 460392
Operable Unit ID: 1210482
Operable Unit: 01
Material ID: 2208123
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

X173 **PETROLEUM TANK CLEANERS INC** **NY HIST UST U003074578**
NNE **236 BUTLER ST** **NY AST N/A**
1/8-1/4 **BROOKLYN, NY 11212**
0.204 mi.
1079 ft. **Site 3 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

HIST UST:
PBS Number: 2-399760
SPDES Number: Not reported
Emergency Contact: FRANK LENDINO
Emergency Telephone: (718) 624-4842
Operator: FRANK LENDINO
Operator Telephone: (718) 624-4842
Owner Name: PETROLEUM TANK CLEANERS INC
Owner Address: 236 BUTLER ST
Owner City,St,Zip: BROOKLYN, NY 11212
Owner Telephone: (718) 624-4842
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: PETROLEUM TANK CLEANERS INC
Mailing Address: 236 BUTLER ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11212
Mailing Contact: CHARLES LARA
Mailing Telephone: (718) 624-4842
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 236 BUTLER ST
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 01/05/1999
Expiration Date: 10/06/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 50000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City: 01
Region: 2

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 20000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-399760
Program Type: PBS
UTM X: 585747.41243999999

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

UTM Y: 4503880.4074499998
Expiration Date: 2017-10-06
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 19050
Affiliation Type: On-Site Operator
Company Name: PETROLEUM TANK CLEANERS LTD.
Contact Type: Not reported
Contact Name: ANTHONY P. LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/25/2014

Site Id: 19050
Affiliation Type: Emergency Contact
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: ANTHONY P. LARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/16/2012

Site Id: 19050
Affiliation Type: Facility Owner
Company Name: 236 BUTLER STREET CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 236 BUTLER ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-4842
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/17/2013

Site Id: 19050
Affiliation Type: Mail Contact

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Company Name: PETROLEUM TANK CLEANERS
Contact Type: Not reported
Contact Name: BOB LAMIRATA
Address1: 236 BUTLER STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11217
Country Code: 001
Phone: (718) 624-2185
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/16/2012

Tank Info:

Tank Number: 005
Tank Id: 21665
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I02 - Overfill - High Level Alarm

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1985
Capacity Gallons: 7000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 08/13/2013
Material Name: Other

Tank Number: 006
Tank Id: 244809
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Equipment Records:
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1975
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 08/13/2013
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 007
Tank Id: 244810
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/20/2006
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 08/13/2013
Material Name: Waste Oil/Used Oil

Tank Number: 008
Tank Id: 244811
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/13/2011
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 08/13/2013
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 009
Tank Id: 244812
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I05 - Overfill - Vent Whistle

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/13/2011
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	08/13/2013
Material Name:	#2 Fuel Oil (On-Site Consumption)

X174 **PETROLEUM TANK CLEANERS LTD.** **NY UST** **U004064025**
NNE **236 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.204 mi.
1079 ft. **Site 4 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

UST:

Id/Status:	2-399760 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017-10-06
UTM X:	585747.41243999999
UTM Y:	4503880.4074499998
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	19050
Affiliation Type:	On-Site Operator
Company Name:	PETROLEUM TANK CLEANERS LTD.
Contact Type:	Not reported
Contact Name:	ANTHONY P. LARA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 624-4842
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/25/2014

Site Id:	19050
Affiliation Type:	Emergency Contact
Company Name:	236 BUTLER STREET CORP.
Contact Type:	Not reported

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Contact Name:	ANTHONY P. LARA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 624-4842
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/16/2012

Site Id:	19050
Affiliation Type:	Facility Owner
Company Name:	236 BUTLER STREET CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	236 BUTLER ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 624-4842
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/17/2013

Site Id:	19050
Affiliation Type:	Mail Contact
Company Name:	PETROLEUM TANK CLEANERS
Contact Type:	Not reported
Contact Name:	BOB LAMIRATA
Address1:	236 BUTLER STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 624-2185
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/16/2012

Tank Info:

Tank Number:	001
Tank ID:	21661
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	12/01/1984
Date Tank Closed:	07/01/2013
Registered:	True

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 03
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/25/2014

Equipment Records:
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 21662
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 11/16/1984
Date Tank Closed: 01/08/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 21
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/25/2014

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 21663
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 11/16/1984
Date Tank Closed: 01/09/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 21
Date Test: 01/07/2013
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/25/2014

Equipment Records:
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 21664
Tank Status: Administratively Closed
Material Name: Administratively Closed
Capacity Gallons: 20000
Install Date: 11/16/1984
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: CGFREEDM
Last Modified: 10/29/2012

PETROLEUM TANK CLEANERS LTD. (Continued) **U004064025**

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
H04 - Tank Leak Detection - Groundwater Well
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

X175 **PETROLEUM TANK CLEANERS LTD** **RCRA NonGen / NLR** **1000367193**
NNE **236 BUTLER ST** **NYD020585733**
1/8-1/4 **BROOKLYN, NY 11217**
0.204 mi.
1079 ft. **Site 5 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/04/2011
Facility name: PETROLEUM TANK CLEANERS LTD
Facility address: 236 BUTLER ST
BROOKLYN, NY 11217
EPA ID: NYD020585733
Mailing address: BUTLER ST
BROOKLYN, NY 11217
Contact: ANTHONY LARA
Contact address: BUTLER ST
BROOKLYN, NY 11217
Contact country: US
Contact telephone: (718) 624-4842
Contact email: PTLIAM@AOL.COM
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: 236 BULTER STREET CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/04/2008
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

PETROLEUM TANK CLEANERS LTD (Continued) **1000367193**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: Yes

Historical Generators:
Date form received by agency: 01/26/2011
Facility name: PETROLEUM TANK CLEANERS LTD
Site name: DOUBLE L TANK CORP
Classification: Not a generator, verified

Date form received by agency: 01/01/2007
Facility name: PETROLEUM TANK CLEANERS LTD
Site name: PETROLEUM TAMA CLEANERS
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: PETROLEUM TANK CLEANERS LTD
Site name: PETROLEUM TAMA CLEANERS
Classification: Not a generator, verified

Date form received by agency: 08/21/1984
Facility name: PETROLEUM TANK CLEANERS LTD
Site name: PETROLEUM TAMA CLEANERS
Classification: Unverified

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/01/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

R176 **EDR US Hist Auto Stat** **1015375026**
NE **264 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.205 mi.
1084 ft. **Site 7 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name:	X 5 MOBIL
Year:	2009
Address:	264 BUTLER ST
Name:	X 5 MOBIL
Year:	2010
Address:	264 BUTLER ST
Name:	X FIVE MOBIL
Year:	2011
Address:	264 BUTLER ST
Name:	X FIVE MOBIL
Year:	2012
Address:	264 BUTLER ST

U177 **HESS#32530** **RCRA NonGen / NLR** **1000263763**
East **204-222 FOURTH AVE** **FINDS** **NYD982185563**
1/8-1/4 **BROOKLYN, NY** **NY MANIFEST**
0.205 mi. **US AIRS**
1085 ft. **Site 6 of 8 in cluster U**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MERIT OIL CORP
Facility address:	204-222 4TH AVE BROOKLYN, NY 112173121
EPA ID:	NYD982185563
Mailing address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact:	Not reported
Contact address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	MERIT OIL CORP

HESS#32530 (Continued) **1000263763**

Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	MERIT OIL CORP
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Facility name:	MERIT OIL CORP
Classification:	Not a generator, verified
Date form received by agency:	02/23/1998
Facility name:	MERIT OIL CORP
Site name:	MERIT OIL OF NEW YORK, INC.,
Classification:	Large Quantity Generator
Date form received by agency:	05/11/1987
Facility name:	MERIT OIL CORP
Classification:	Large Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110001572628

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

HESS#32530 (Continued) **1000263763**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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

NY MANIFEST:

EPA ID:	NYD982185563
Country:	USA
Mailing Name:	MERIT OIL CORP - SACKETT
Mailing Contact:	DOM DEBENEDICTI
Mailing Address:	551 W LANCASTER AVE
Mailing Address 2:	Not reported
Mailing City:	HAVERFORD
Mailing State:	PA
Mailing Zip:	19041
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-731-0036

Document ID:	NYG0023022
Manifest Status:	Completed copy
Trans1 State ID:	XR4643
Trans2 State ID:	Not reported
Generator Ship Date:	970410
Trans1 Recv Date:	970410
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970410
Part A Recv Date:	Not reported
Part B Recv Date:	970423
Generator EPA ID:	NYD982185563
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00385
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

HESS#32530 (Continued) **1000263763**

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001572628
Plant name:	HESS#32530
Plant address:	204-222 FOURTH AVE BROOKLYN, NY 11217
County:	KINGS
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	5541
Sic code desc:	GASOLINE SERVICE STATIONS
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

HESS#32530 (Continued) **1000263763**

Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

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

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

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

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

U178 **HESS #32530** **NY UST** **U001835738**
East **204-222 FOURTH AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.205 mi.
1085 ft. **Site 7 of 8 in cluster U**

Relative:
Higher

Actual:
26 ft.

UST:
Id/Status: 2-297666 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2015-05-23
UTM X: 586010.37115000002
UTM Y: 4503487.7030699998
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 13756
Affiliation Type: On-Site Operator
Company Name: HESS #32530
Contact Type: Not reported
Contact Name: SITE MANAGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

HESS #32530 (Continued) **U001835738**

Zip Code: Not reported
Country Code: 001
Phone: (718) 858-8644
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/13/2013

Site Id: 13756
Affiliation Type: Facility Owner
Company Name: HESS CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 HESS PLAZA
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (732) 750-6000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/31/2013

Site Id: 13756
Affiliation Type: Emergency Contact
Company Name: HESS CORPORATION
Contact Type: Not reported
Contact Name: JIM HOWARD
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (732) 750-6000
EMail: Not reported
Fax Number: Not reported
Modified By: WLSTEVEN
Date Last Modified: 3/13/2014

Site Id: 13756
Affiliation Type: Mail Contact
Company Name: HESS CORPORATION
Contact Type: Not reported
Contact Name: JANICE FLAHERTY
Address1: 1 HESS PLAZA
Address2: 11TH FLOOR
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (732) 750-60
EMail: JFLAHERTY@HESS.COM
Fax Number: Not reported
Modified By: NRLOMBAR

HESS #32530 (Continued) **U001835738**

Date Last Modified: 5/13/2013

Tank Info:

Tank Number: 046
Tank ID: 51360
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/13/2013

Equipment Records:

F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 047
Tank ID: 51361
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported

HESS #32530 (Continued) **U001835738**

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/13/2013

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 048
Tank ID: 51362
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/13/2013

Equipment Records:

F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

HESS #32530 (Continued) **U001835738**

Tank Number: 049
Tank ID: 51363
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/13/2013

Equipment Records:
I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 050
Tank ID: 51364
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1996
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 09
Date Test: 12/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/13/2013

Equipment Records:

HESS #32530 (Continued) **U001835738**

I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 0A9
Tank ID: 15907
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 0W7
Tank ID: 15905
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 11/01/1988
Date Tank Closed: 06/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

HESS #32530 (Continued) **U001835738**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None

Tank Number: 0W8
Tank ID: 15906
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 06/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: ZZ
Date Test: 03/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 37
Tank ID: 15899
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1979

HESS #32530 (Continued) **U001835738**

Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 38
Tank ID: 15900
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

HESS #32530 (Continued) **U001835738**

Tank Number: 39
Tank ID: 15901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 40
Tank ID: 15902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None

HESS #32530 (Continued) **U001835738**

C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 41
Tank ID: 15903
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

Tank Number: 42
Tank ID: 15904
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1979
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

HESS #32530 (Continued) **U001835738**

Equipment Records:

B00 - Tank External Protection - None
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 6
Tank ID: 15908
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 06/01/1992
Date Tank Closed: 12/21/2009
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 20
Date Test: 03/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 06/23/2010

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
D00 - Pipe Type - No Piping
B04 - Tank External Protection - Fiberglass
L00 - Piping Leak Detection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: A11
Tank ID: 15909
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground

HESS #32530 (Continued) **U001835738**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

Tank Number: A12
Tank ID: 15910
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A13
Tank ID: 15911
Tank Status: Closed - In Place

HESS #32530 (Continued) **U001835738**

Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A14
Tank ID: 15912
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

HESS #32530 (Continued) **U001835738**

J02 - Dispenser - Suction Dispenser

Tank Number: A15
Tank ID: 15913
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A16
Tank ID: 15914
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
B00 - Tank External Protection - None

HESS #32530 (Continued) **U001835738**

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A17
Tank ID: 15915
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A18
Tank ID: 15916
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

HESS #32530 (Continued) **U001835738**

Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A19
Tank ID: 15917
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A20
Tank ID: 15918
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

HESS #32530 (Continued) **U001835738**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A21
Tank ID: 15919
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A22
Tank ID: 15920
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

HESS #32530 (Continued) **U001835738**

Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A23
Tank ID: 15921
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

HESS #32530 (Continued) **U001835738**

Tank Number: A24
Tank ID: 15922
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A25
Tank ID: 15923
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

HESS #32530 (Continued) **U001835738**

C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A26
Tank ID: 15924
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

Tank Number: A27
Tank ID: 15925
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

HESS #32530 (Continued) **U001835738**

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A28
Tank ID: 15926
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A29
Tank ID: 15927
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

HESS #32530 (Continued) **U001835738**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A30
Tank ID: 15928
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A31
Tank ID: 15929
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979

HESS #32530 (Continued) **U001835738**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A32
Tank ID: 15930
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A33

HESS #32530 (Continued) **U001835738**

Tank ID: 15931
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A34
Tank ID: 15932
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

HESS #32530 (Continued) **U001835738**

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A35
Tank ID: 15933
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A36
Tank ID: 15934
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

HESS #32530 (Continued) **U001835738**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A37
Tank ID: 15935
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A38
Tank ID: 15936
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

HESS #32530 (Continued) **U001835738**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A39
Tank ID: 15937
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A40
Tank ID: 15938
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground

HESS #32530 (Continued) **U001835738**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A41
Tank ID: 15939
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A42
Tank ID: 15940
Tank Status: Closed - In Place

HESS #32530 (Continued) **U001835738**

Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: A43
Tank ID: 15941
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

HESS #32530 (Continued) **U001835738**

J02 - Dispenser - Suction Dispenser

Tank Number: A44
Tank ID: 15942
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1965
Date Tank Closed: 12/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

U179 **HESS-MERIT STATION 32530** **NY LTANKS S104276740**
East **204-222 4TH AVENUE** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY**
0.205 mi.
1085 ft. **Site 8 of 8 in cluster U**

Relative:
Higher

Actual:
26 ft.

LTANKS:
Site ID: 204687
Spill Number/Closed Date: 9515732 / 6/11/1997
Spill Date: 3/7/1996
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 3/7/1996
CID: 349
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported

HESS-MERIT STATION 32530 (Continued) **S104276740**

Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 3/7/1996
Spill Record Last Update: 6/11/1997
Spiller Name: Not reported
Spiller Company: MERRITT GAS STATION
Spiller Address: 204-222 4TH AV
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 310148
DEC Memo: Not reported
Remarks: line failed during testing - failure .12 gallons per hour

Material:
Site ID: 204687
Operable Unit ID: 1026774
Operable Unit: 01
Material ID: 355851
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:
Facility ID: 9605719
Facility Type: ER
DER Facility ID: 310148
Site ID: 74470
DEC Region: 2
Spill Date: 8/2/1996
Spill Number/Closed Date: 9605719 / Not Reported
Spill Cause: Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RJFENG
Referred To: APPROVED RAP ADDENDUM FOR SVE/AS
Reported to Dept: 8/2/1996
CID: 252
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported

HESS-MERIT STATION 32530 (Continued) **S104276740**

Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 4
Date Entered In Computer: 8/2/1996
Spill Record Last Update: 9/24/2013
Spiller Name: RON BAMER
Spiller Company: MERIT GASOLINE STATION
Spiller Address: 204-222 4TH AVE
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller Company: 001
Contact Name: RON BAMER
Contact Phone: (610) 527-7900
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"01/23/2004-Sun-File Review by Sun:Site Status Update Report, Aprip 2003 through August 2003, by Geological Services Corp (GSC), dated 10/16/2003: Six (6) monitorin wells were gauged and sampled on July 17, 2003. A soil vaplr extraction well (SVE-1) was installed on July 30, 2003 and pilot test on SVE-1 was conducted on August 8, 2003. No LPH was detected. The groundwater depth ranged from 11.74 feet to 15.68 feet, and groundwater flow was in northwest direction. MW-2 has the maximum BTEX concentration of 11,400 ug/l and maimum MTBE concentration of 1,800 ug/l. Work performed during this period included repair and patch leak from wall in oil closet located in the subway, installation of three additional wells. A remedial action plan will be submitted by GSC based on the results of the pilot test. Per Hess' letter to DEC dated 10/28/2003, Hess is working with the New York City Transit Authority (NYCTA) to address an apparent hydrocarbon sheen in conjunction with groundwater seepage within a subsurface subway station utility closet. (Sun) 01/22/2004- Site visit by Joe Sun and Mark Tibbe on 1/22/2004. Inspection with Mike Matri of Hess and William Schaefer of GSC showed that some slight infiltration of groundwater continues where the urethane grout waterproofing did not adhere to the concrete. GSC has recommended a second waterproofing event utilizing a hydraulic concrete product. The product is now waiting for NYCTA's approval. (Sun)SEE Also Spill Nos. 0104798/0201876.05/05/04-File Update by Sun: On 05/05/04 Sun sent a letter to Hess requiring complete delineation of soil and groundwater contamination, submittal of an Investigation Summary report followed by a Remedial Action Plan. The Department set a deadline of May 28, 2004 for signing the Stipulation Agreement. (Sun)06/06/05 File Update by Sun: On 06/06/05, Sun sent a letter to Hess' Project Manager, Mike Matri, informing him that the Department approves Hess' proposed plan to take the opportunity of station renovation commencing in June, 2005 to install below ground environmental remediation infrastructure for future remediation of petroleum impacted soil and groundwater. Specifically, the Department approves the following planned installations at the station: 1.Installation of three additional SVE wells (PMW-8 through PMW-10). 2.Modification of existing 2-inch well FW-7 to include a 1-inch "injection " line which will be piped to the proposed remediation system location, The piping will potentially be used in the future for injection purposes (e.g., Biosolve, chemical oxidation and/or bioremediation). 3.Monitoring wells SVE-1, MW-2, and the three proposed SVE wells (PMW-8 through PMW-10) will have environmental piping installed from the wells to the proposed system location

HESS-MERIT STATION 32530 (Continued) **S104276740**

area.The Department requires a formal Remedial Action Plan (RAP) in conjunction with the station redevelopment activities be submitted by Hess during the third quarter of 2005. (Sun) 10/19/2005: Project reassigned from Sun to Andersen10/19/2005: Reviewed hydrogeologic groundwater report dated 8/29/2005. Report indicated liquid phase hydrocarbons and BTEX concentrations of up to 19,520 ppb. Report indicated that informal proposed remedial action plan discussed in abovementioned 6/6/05 entry is delayed and possibly canceled. The report states "Amerada Hess Corporation will either request an extension to submit the currently proposed Remedial Action Plan or to submit a revised Remedial Action Plan". The next triannual sampling event is scheduled for November 2005. Additionally, a Stip was sent out on 5/5/04, which was never signed due to Hess waiting for a Consent Order. 10/25/05: Mailed a failure to sign Stip letter. Stip signature due on 11/15/2005.1/26/06: 1/25/06 meeting between Quantum, NYSDEC, and GSC/Kleinfelder. The site in under redevelopment. An RAP will be prepared. Delineation will be investigated on the other side of 4th avenue.3/1/06: Signed stipulation agreement, effective date 2/23/06. Investigation plan due 4/24/06.4/24/06: Reviewed the site status update report/investigation plan dated 4/21/06. Report indicates that additional delineation on the east side of 4th avenue is not feasible due to utilites. Max BTEX 28,587 ppb (SVE1) and max MTBE 1,710 ppb (MW2). Depth to water 10-15 ft. RAP due 6/22/06.5/25/06: Pilot testing on 5/25/066/29/2006: Meeting with Hess, NYSDEC, Quantum, EnviroTrac and GSC on 6/28/2006. RAP in progress. Endpoint sampling will be submitted for spill bucket replacement excavation.7/28/06: RAP submission deadline extended to 9/21/06.8/9/06: Conference call with Hess, Quantum, and GSC/Kleinfelder. The ROI during SVE pilot testing was only 10 ft. A Hivac pilot test will be performed on 8/10/06 to try to increase the ROI. If it fails an extension will be required to perform additional testing prior to RAP submittal.8/11/06: Received phone call from Gail Helfrick. A HVAC test was performed which did not result in a significant increase in the RIO. An RAP will be submitted on 9/21/06 as planned, but will require additional sampling to improve the ROI.8/15/06: See spill 06-02980. The RAP should include remediation for the soil contamination from spill 06-02980.9/12/06: Received RAP. SVE proposed. Pilot testing was conducted on May 25, 2006 and August 10, 2006. Two existing wells (MW-3 and SVE-1), and six proposed wells (SVE-2 - SVE-7) wil be used as extraction points to be connected to a SVE remediation system. The ROI varies from 10 to 50 feet throughout the site. Soil samples will be collected during installation of the new SVE wells, as well as from a soil boring proposed adjacent to MW-6. During system startup operation and maintenance visits will be conducted daily for three days, followed by weekly for the first monthy, followed by monthly. Based on start-up testing, a determination will be made as to whether emission treatment is necessary. Contamination from spill 06-02980 addressed, spill 06-02980 closed and consolidated with 9605719. Numerous sensitive receptors: subway, utilities, basements, schools, Gowanus Canal. AS not proposed due to the proximity of the subway, which runs parrallel and adjacent to the site. RAP conditionally approved, with additional groundwater treatment required. 9/21/06: Received phone call from Gail Helfrick (Quantum) and Al Tonn (GSC-K) requesting that the RAP be approved without additional gw treatment. Confirmed that additional gw treatment is required for MW-2, SVE-1, and FW-8. 10/3/06: Received email from gail helfrick: "This email is to confirm

HESS-MERIT STATION 32530 (Continued) **S104276740**

our conversation on Tuesday, September 26, 2006 regarding the Remedial Action Plan (RAP) for Hess Station # 32530 in Brooklyn, New York. In the RAP, Hess proposed the installation and operation of a Soil Vapor Extraction system at the site. The NYSDEC approved the proposal for SVE, and also requested groundwater remediation. Based on our conversations, it was agreed that Hess would install underground piping for groundwater treatment during the installation of the SVE system. It was further agreed that Hess would operate the SVE system for 1 full year, and during that year, Hess would 1) evaluate the performance of the SVE system on a monthly basis, 2) continue to monitor roundwater quality (March, July and November), and 3) submit progress reports to the NYSDEC (May, September and January). If after that 1 year period, the data demonstrates that groundwater remediation is necessary, alternative remedial technologies will evaluated and discussed with the NYSDEC."10/4/06: Received update report dated 9/27/06. Groundwater samples collected on 7/27/06. BTEX 38,200 ppb (SVE1), mtbe 208 ppb (SVE1). SVE implementation required.12/11/06: Sent email to Hess to followup on implementation schedule.12/18/06: Received email from Hess:"We still hope to be able to obtain the MTA permits needed to complete the subsurface intrusive work by January 10, 2007. Once these permits are obtained, we will provide the NYSDEC a schedule for system installation."1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. SVE implementation in progress.3/26/07: Reviewed update report. Wells sampled on 12/26/06. Max BTEX 30,720 ppb (SVE1). Max MTBE 1,000 ppb (MW2). SVE implementation in progress.5/31/07: Reviewed site status report. Wells sampled on 3/16/07. Max BTEX 25,280 ppb (SVE1). Max MTBE 410 ppb (MW2). SVE installation in progress.9/20/07: Reviewed site status report. Wells sampled in July 2007. LNAPL in MW 2 (0.03 ft).Max BTEX 30,370 ppb (SVE1). SVE startup planned for November 2007. Sent letter requiring RAP addendum for groundwater treatment (pipes for water removal are planned on being installed as a back-up plan). And increased sampling frequency to quarterly sampling.5/14/08 - Carlson: Meeting on May 7th 2008 - Hess/Envirotrac will submit a RAP addendum. Reviewed First Quarterly 2008 Update Report. Wells sampled on 2/5/08. Max BTEX concentration 24,220 ppb (SVE1), max MTBE concentration 71 ppb (SVE1). MW-2 was dry. 8/7/08 - Carlson: Reviewed July 2008 Update Report. Wells sampled on 5/22/08. Maximum BTEX concentration 43,693 ppb (SVE1). Maximum MTBE concentration 554 ppb (MW2). RAP Addendum will be submitted under a separate cover. Emailed Hess/Envirotrac requiring submission of RAP Addendum by 9/8/08. Received email from Ed Russo stating that 9/8/08 deadline can probably be met.9/8/08 - Carlson: The Department approved an extension until 10/1/08 to submit an RAP Addendum.10/22/08 - Carlson: Meeting with Hess/Envirotrac. RAP Addendum will be submitted by 12/15/08.11/20/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/14/08. Maximum BTEX concentration 41,837 ppb (SVE1). RAP Addendum not received. Sent failure to comply letter. Start legal proceedings if RAP Addendum not submitted by 12/5/08.12/23/08 - Carlson: Received Remedial Action Plan Addendum. Two SVE system, two wells strippers, and monthly dual phase extraction events proposed. Revised RAP Addendum required with following modifications: 1) removal of two wells from SVE system, 2) relocation of two of the proposed monitoring wells, 3) startup report must be submitted, 4) inclusion of more detailed information about the well strippers. 2/19/09 - Carlson: Received email from Ed Russo in response to 12/23/08 letter. Monthly O&M visits requiring monthly

HESS-MERIT STATION 32530 (Continued) **S104276740**

WS water effluent testing, monthly SVE air discharge testing by PID, and quarterly SVE air discharge testing by laboratory. Revised letter addendum required.3/11/09 - Carlson: Reviewed update report dated January 2009. Wells gauged and sampled on 11/5/08. LNAPL at depth of 0.02 ft in MW2. Maximum BTEX concentration 12,672 ppb (SVE1).3/18/09 - Carlson: Meeting with Hess/Envirotrac. Revised addendum due in April 2009. 5/7/09 - Carlson: Reviewed April 2009 Update Report. Revised addendum letter overdue. Emailed John Schenkewitz about overdue letter/report.5/11/09 - Carlson: Received revised RAP Addendum letter. Issued approval letter. 5/28/09 - Carlson: Well installation scheduled for 6/22/09.8/7/09 - Carlson: Reviewed update report. Monthly EFR IRM ongoing. What is status of RAP implementation?8/19/09 - Carlson: Meeting with Hess. RAP addendum will be submitted to include air sparge on the eastern portion on the site.10/21/09 - Carlson: Reviewed RAP addendum. Issued approval letter. SVE/AS will be installed, except in sidewalk (because of subway). SVE in sidewalk with HVAC events to treat impacted groundwater.11/17/09 - Carlson: Reviewed update report. Monthly HVAC events from sidewalk wells ongoing. SVE/AS system installation in progress.1/27/2010 - Carlson: Meeting with Hess. 2/5/2010 - Carlson: Reviewed update report. EFR conducted in September and October. SVE/AS installation not begun yet.5/20/2010 - Carlson: Meeting with Hess. They are working with MTA because the property is adjacent to the subway. 5/27/2010 - Carlson: Reviewed April 2010 Update Report. Six AS wells and one MW installed. HVAC was not conducted this quarter.7/22/2010 - Carlson: Reviewed wastewater UST closure report. Tank abandoned in place with concrete slurry. Endpoint samples collected from the east wall (clean) and north wall (trace VOCs/sVOCs detected). West wall/south wall were not accessible for sample collection.8/13/2010 - Carlson: Reviewed July 2010 Update Report. EFR events ongoing. System construction pending NYCTA permits.5/9/11 - Obligado - This spill transferred to Obligado as per Brevdo. I reviewed the 4Q10 update report. Free product (0.03 ft) was found in MW2. MAx BTEX 17674 ug/L in SVE1. They are still waiting for MTA permits. 8/30/11 - Obligado - I reviewed the 2Q11 update report. They are still waiting on NYCTA permits. Max BTEX is 9800 ug/L. No product detected this quarter. 11/14/11 - Carlson: Reviewed October 2011 update report. System construction pending NYCTA permits. Monthly EFR ongoing.3/13/2012 - The site has SVE/AS system operation pending on the NYCTA's permission. Spoke to the consultant who works for the property owner next door in the Union Street. Groundwater contamination was identified during their Phase 2 investigation. Advised to call in for a spill number and prove to DEC it is from Hess site as they believe. 8/23/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled on 2/13/2012. DTW 9.98 to 15.70 feet. Flows to north. No LNAPL. The remediation system construction is pending permit approval by NYCTA. CW-9, 560.1 BTEX, 182 MTBE. MW-7, 7.52J BTEX, 22.8 MTBE. MW-2, 5,529 BTEX, 162 MTBE. FW-7, 24.5 BTEX, MTBE ND. SVE-1, 6,369 BTEX, 6.7J MTBE. FW-8, 270.2 BTEX, 1.3J MTBE. FW-9, 570.6 BTEX, 2.5 MTBE. 10/12/2012 - 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on May 14, 2012. DTW 10.87 to 16.05. Flows to north. CW-9, 43 BTEX, 106 MTBE. MW-7, 0.44J BTEX, 19.7 MTBE. MW-2, 1,626.9 BTEX, 100 MTBE. FW-7, 67.4 BTEX, 0.24J MTBE. FW-9, 961.6 BTEX, 1.6J MTBE. FW-8, 224.9 BTEX, 1.8 MTBE. SVE-1, 3,746.3 BTEX, 8.0J MTBE. EFR on on MW-2 and SVE-1 on 3/14, 4/9, and 5/2/2012. 1/24/2013 - 3Q2012, 11/5/2012, by EnviroTrac. The groundwater was sampled on 8/31/2012. DTW 10.49 to

HESS-MERIT STATION 32530 (Continued) **S104276740**

14.72 feet. Flows to north. NO LNAPL. CW-8, 26J BTEX, 0.77J MTBE. CW-9, 297.9 BTEX, 73 MTBE. MW-7, 95.3 BTEX, 4.4 MTBE. MW-2, 8,656 BTEX, 101 MTBE. FW-7, 291.2 BTEX, 0.25J MTBE. SVE-1, 6,205 BTEX, 2.7J MTBE. FW-9, 1,894.3 BTEX, 1.1J MTBE. FW-8, 587.6 BTEX, 1.4 MTBE. EFR on MW-2 and SVE-1 on 6/7, 7/16, and 8/22/2012. The next sampling will be in 11/2012.9/24/2013 - 4Q2012, 1/31/2013, by EnviroTrac. The groundwater was sampled on 11/16/2012. On 9/24 and 11/13/2012, conducted EFR on MW-2 and SVE-1. DTW 7.80 to 15.49 feet. Flows to north. CW-9, 223.4 BTEX, 94.1 MTBE. MW-7, 38.04J BTEX, 18 MTBE. MW-2, 6,630.7 BTEX, 136 MTBE. FW-7, 179.7 BTEX, MTBE ND. SVE-1, 1,933 BTEX, 2.7 MTBE. FW-8, 779.9 BTEX, MTBE ND. 1Q2013, 4/30/2013, by EnviroTrac. The groundwater was sampled on 2/26/2013. On 12/3/2012, 1/17/2013 and 2/20/2013, EFR on MW-2 and SVE-1. DTW 10.41 to 15.88 feet. Flows to north. NO LNAPL. CW-9, 77.6 BTEX, 116 MTBE. MW-7, 1.43J BTEX, 22.1 MTBE. MW-2, 2,610.4 BTEX, 94.8 MTBE. FW-7, 33.6 BTEX, MTBE ND. SVE-1, 638 BTEX, MTBE ND. FW-8, 570.4 BTEX, 1.0 MTBE. FW-9, 347.3 BTEX, 0.30J MTBE.

Remarks: removal of under ground tanks-poss soil contamination

Material:

Site ID:	74470
Operable Unit ID:	1036525
Operable Unit:	01
Material ID:	348465
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	74470
Operable Unit ID:	1036525
Operable Unit:	01
Material ID:	348466
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0602980
Facility Type:	ER
DER Facility ID:	310148
Site ID:	365575
DEC Region:	2
Spill Date:	6/17/2006
Spill Number/Closed Date:	0602980 / 9/12/2006

HESS-MERIT STATION 32530 (Continued) **S104276740**

Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SKCARLSO
Referred To:	CONSOLIDATED WITH 96-05719
Reported to Dept:	6/17/2006
CID:	71
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/17/2006
Spill Record Last Update:	9/12/2006
Spiller Name:	MICHAEL MATRI
Spiller Company:	HESS STATION #32530
Spiller Address:	204-222 4TH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	MICHAEL MATRI
Contact Phone:	(732) 750-6432
DEC Memo:	6/19/06: Left Mike Matri a voice message requesting a report with endpoint sampling. Received voice message from Mike Matri, post-excavation sampling results will be submitted.8/7/06: Sent followup email for endpoint sampling results to Dawn Coughlin of Hess.8/15/06: Received the results of endpoint sampling conducted during spill bucket replacement. Contaminants exceeding TAGM standards were found in both samples. A monitoring well is required adjacent to endpoint sampling locations. If possible, the RAP due for Spill 96-05719 should include remediation of spill 06-02980.9/12/06: Consolidated with spill 96-05719. A RAP for installation of a SVE system was approved which will remediate spills 96-05719 and 06-02980. Not reported
Remarks:	SPILL BUCKET LEAKING. IMPACT TO SOIL. SOIL EXCAVATED. HESS WAS UPGRADING SPILL BUCKET. IDENTIFIED CONTAMINATED SOIL. STATION HAS EXISTING DEC SPILL . CASE MGR IS SARAH ANDERSON - REGION 2

Material:

Site ID:	365575
Operable Unit ID:	1123589
Operable Unit:	01
Material ID:	2113056
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

HESS-MERIT STATION 32530 (Continued) **S104276740**

Tank Test:

Facility ID:	0210654
Facility Type:	ER
DER Facility ID:	310148
Site ID:	74469
DEC Region:	2
Spill Date:	1/23/2003
Spill Number/Closed Date:	0210654 / 11/3/2003
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1/23/2003
CID:	199
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/23/2003
Spill Record Last Update:	11/3/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	TOM VITARELLI
Contact Phone:	(718) 265-7904
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"REF TO SPILL # 9605719
Remarks:	it appears a customer may have overfilled tank causing spill no product got into sewers - clean up in progress -- secondcontractor is in route to assist

Material:

Site ID:	74469
Operable Unit ID:	863994
Operable Unit:	01
Material ID:	555410
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

HESS-MERIT STATION 32530 (Continued) **S104276740**

Tank Test:

Y180 **175 3RD STREET** **NY LTANKS** **S104073401**
SSW **175 3RD STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.205 mi.
1085 ft. **Site 2 of 8 in cluster Y**

Relative:
Lower

Actual:
2 ft.

LTANKS:

Site ID:	103805
Spill Number/Closed Date:	9208180 / 10/15/1992
Spill Date:	10/14/1992
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	10/15/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	10/15/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/15/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	91764
DEC Memo:	Not reported
Remarks:	INITIAL INVESTIGATION SEEMS TO SHOW SURFACE TYPE SPILLAGE-SAMPLES IS BEING TESTED.

Material:

Site ID:	103805
Operable Unit ID:	975104
Operable Unit:	01
Material ID:	408780
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported

175 3RD STREET (Continued) **S104073401**

Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9706734
Facility Type:	ER
DER Facility ID:	91764
Site ID:	315353
DEC Region:	2
Spill Date:	9/5/1997
Spill Number/Closed Date:	9706734 / 9/5/1997
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	9/5/1997
CID:	312
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/5/1997
Spill Record Last Update:	9/8/1997
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	IKE DEJESUS
Contact Phone:	(718) 237-1578
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"REFERRED DEP. HAZMAT & SANITATION. 212 219-8090
Remarks:	SPILL IFO THE MAIN DRIVEWAY - REQ A CALLBACK

Material:

Site ID:	315353
Operable Unit ID:	1050097
Operable Unit:	01
Material ID:	332318
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No

175 3RD STREET (Continued) **S104073401**

Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9402981
Facility Type: ER
DER Facility ID: 91764
Site ID: 315352
DEC Region: 2
Spill Date: 5/31/1994
Spill Number/Closed Date: 9402981 / 12/4/2000
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 5/31/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/29/1994
Spill Record Last Update: 11/5/2003
Spiller Name: Not reported
Spiller Company: PETER INGRASSIA
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"TRANSFERED FROM SIGONA TO TIBBE ON 12/4/00. SEE FILE.
Remarks: CONDUCTING A TANK REMOVAL AND FOUND SOIL CONTAMINATION . NOTIFIED DEP

Material:
Site ID: 315352
Operable Unit ID: 996778
Operable Unit: 01
Material ID: 383153
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

175 3RD STREET (Continued) **S104073401**

Tank Test:

Y181 **NEW YORK TELEPHONE CO** **RCRA NonGen / NLR** **1000791294**
SSW **175 THIRD ST** **NY MANIFEST** **NYD987028008**
1/8-1/4 **BROOKLYN, NY 11215**
0.205 mi.
1085 ft. **Site 3 of 8 in cluster Y**

Relative:
Lower

Actual:
2 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NEW YORK TELEPHONE CO
Facility address: 175 THIRD ST
BROOKLYN, NY 112152701
EPA ID: NYD987028008
Mailing address: 31ST AVE
WOODSIDE, NY 11377
Contact: Not reported
Contact address: 31ST AVE
WOODSIDE, NY 11377
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: 175 3RD ST ASSOC C-O H CHAVES
Owner/operator address: 116 JOHN ST ROOM 312
NEW YORK, NY 10032
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: 175 3RD ST ASSOC C-O H CHAVES
Owner/operator address: 116 JOHN ST ROOM 312
NEW YORK, NY 10032
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

NEW YORK TELEPHONE CO (Continued) **1000791294**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: NEW YORK TELEPHONE CO
Site name: BELL ATLANTIC- NY
Classification: Large Quantity Generator

Date form received by agency: 07/08/1999
Facility name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 03/25/1993
Facility name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYD987028008
Country: USA
Mailing Name: BELL ATLANTIC
Mailing Contact: BELL ATLANTIC
Mailing Address: 175 3RD ST -BLDG 35549
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-284-9984

Document ID: NJA1721420
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 930727
Trans1 Recv Date: 930727
Trans2 Recv Date: 930728
TSD Site Recv Date: 930728
Part A Recv Date: Not reported
Part B Recv Date: 930811
Generator EPA ID: NYD987028008
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NEW YORK TELEPHONE CO (Continued) **1000791294**

TSDF ID: NJD002182897
Waste Code: F001 - UNKNOWN
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NJA1743490
Manifest Status: Completed copy
Trans1 State ID: NJDEPE086
Trans2 State ID: JU4818
Generator Ship Date: 940324
Trans1 Recv Date: 940324
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940329
Part A Recv Date: Not reported
Part B Recv Date: 940412
Generator EPA ID: NYD987028008
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: F001 - UNKNOWN
Quantity: 00114
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA1894938
Manifest Status: Completed copy
Trans1 State ID: S50078
Trans2 State ID: S6993
Generator Ship Date: 941005
Trans1 Recv Date: 941014
Trans2 Recv Date: 941014
TSD Site Recv Date: 941014
Part A Recv Date: Not reported
Part B Recv Date: 941025
Generator EPA ID: NYD987028008
Trans1 EPA ID: NYD006801245
Trans2 EPA ID: NJD980772768
TSDF ID: NJD991291105
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

NEW YORK TELEPHONE CO (Continued) **1000791294**

Document ID: NJA1926062
Manifest Status: Completed copy
Trans1 State ID: 08690D181
Trans2 State ID: 08690
Generator Ship Date: 941222
Trans1 Recv Date: 941222
Trans2 Recv Date: 941227
TSD Site Recv Date: 941228
Part A Recv Date: Not reported
Part B Recv Date: 950112
Generator EPA ID: NYD987028008
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: F001 - UNKNOWN
Quantity: 00070
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: MIA4205184
Manifest Status: Not reported
Trans1 State ID: NYD986969947
Trans2 State ID: Not reported
Generator Ship Date: 01/26/1999
Trans1 Recv Date: 01/26/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/27/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028008
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSDF ID: TSL901NJ
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00023
Units: T - Tons
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 99

Document ID: NYC5082816
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: SCR000074591
Generator Ship Date: 06/01/2000
Trans1 Recv Date: 06/01/2000
Trans2 Recv Date: 06/06/2000
TSD Site Recv Date: 06/17/2000
Part A Recv Date: Not reported

NEW YORK TELEPHONE CO (Continued) **1000791294**

Part B Recv Date: Not reported
Generator EPA ID: NYD987028008
Trans1 EPA ID: KYD053348108
Trans2 EPA ID: Not reported
TSDF ID: NYDL7754
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00030
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG1624968
Manifest Status: Not reported
Trans1 State ID: NYD064743263
Trans2 State ID: Not reported
Generator Ship Date: 05/15/2000
Trans1 Recv Date: 05/15/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/15/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028008
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: RK3198
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 00285
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 00.99
Year: 2000

Document ID: NYG1625292
Manifest Status: Not reported
Trans1 State ID: NYD064743263
Trans2 State ID: Not reported
Generator Ship Date: 01/22/2001
Trans1 Recv Date: 01/22/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987028008
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 00350
Units: P - Pounds
Number of Containers: 001

NEW YORK TELEPHONE CO (Continued) **1000791294**

Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	00.99
Year:	2001

X182 **SANITATION REPAIRS, INC.** **NY AST** **A100295943**
NNE **234 BUTLER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.206 mi.
1089 ft. **Site 6 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609478
Program Type:	PBS
UTM X:	585706.65527999995
UTM Y:	4503910.4510500003
Expiration Date:	2019-03-17
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	55490
Affiliation Type:	Facility Owner
Company Name:	226 NEVINS ST. CORP.
Contact Type:	PRESIDENT
Contact Name:	SALVATORE TAGLIAVIA
Address1:	234 BUTLER STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 855-6615
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2/19/2014

Site Id:	55490
Affiliation Type:	Mail Contact
Company Name:	SANITATION REPAIRS, INC.
Contact Type:	Not reported
Contact Name:	SALVATORE TAGLIAVIA
Address1:	234 BUTLER STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(718) 855-6615
EMail:	SANITATIONREPAIR@AOL.COM
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2/19/2014

Site Id: 55490

SANITATION REPAIRS, INC. (Continued) **A100295943**

Affiliation Type:	On-Site Operator
Company Name:	SANITATION REPAIRS, INC.
Contact Type:	Not reported
Contact Name:	SALVATORE TAGLIAVIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 641-5514
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	3/17/2004

Site Id:	55490
Affiliation Type:	Emergency Contact
Company Name:	226 NEVINS ST. CORP.
Contact Type:	Not reported
Contact Name:	SALVATORE TAGLIAVIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 641-5514
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2/19/2014

Tank Info:

Tank Number:	#1
Tank Id:	178260
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
E01 - Piping Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B05 - Tank External Protection - Jacketed

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

SANITATION REPAIRS, INC. (Continued) **A100295943**

Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 550
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 02/19/2014
Material Name: Lube Oil

Tank Number: #2
Tank Id: 178261
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 275
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 02/19/2014
Material Name: Waste Oil/Used Oil

Tank Number: #3
Tank Id: 178262
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

SANITATION REPAIRS, INC. (Continued) **A100295943**

B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2004
Capacity Gallons: 275
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 02/19/2014
Material Name: Waste Oil/Used Oil

X183 **EDR US Hist Auto Stat** **1015348918**
NNE **234 BUTLER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
0.206 mi.
1089 ft. **Site 7 of 13 in cluster X**

Relative:
Higher

Actual:
12 ft.

EDR Historical Auto Stations:

Name: SANITATION REPAIRS INC
Year: 2002
Address: 234 BUTLER ST

Name: SANITATION REPAIRS INC
Year: 2003
Address: 234 BUTLER ST

Name: SANITATION REPAIRS INC
Year: 2004
Address: 234 BUTLER ST

Name: SANITATION REPAIRS INC
Year: 2009
Address: 234 BUTLER ST

X184
NNE
1/8-1/4
0.206 mi.
1090 ft.

Relative:
Higher

Actual:
13 ft.

CON EDISON - NEVINS STREET SUBSTATION
265 BUTLER ST
BROOKLYN, NY 11217

Site 8 of 13 in cluster X

RCRA-LQG **1011490456**
NYR000157172

RCRA-LQG:
Date form received by agency: 04/30/2008
Facility name: CON EDISON - NEVINS STREET SUBSTATION
Facility address: 265 BUTLER ST
BROOKLYN, NY 11217
EPA ID: NYR000157172
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: IRVING PLACE
NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-3770
Contact email: TEELINGT@CONED.COM
EPA Region: 02
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CON EDISON
Owner/operator address: Not reported
10003
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2007
Owner/Op end date: Not reported

Owner/operator name: CON EDISON
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/2007
Owner/Op end date: Not reported

Handler Activities Summary:

CON EDISON - NEVINS STREET SUBSTATION (Continued) **1011490456**

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

Historical Generators:
Date form received by agency: 04/29/2008
Facility name: CON EDISON - NEVINS STREET SUBSTATION
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/17/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

AB185
NNE
1/8-1/4
0.207 mi.
1092 ft.

Relative:
Higher

Actual:
9 ft.

GOWANUS CANAL
BUTLER ST (BETWEEN BOND ST AND NEVINS ST
BROOKLYN, NY 11231

Site 1 of 2 in cluster AB

NPL **1010782149**
CERCLIS **NYN000206222**
ROD
PRP

NPL:
EPA ID: NYN000206222
EPA Region: 02
Federal: N
Final Date: 2010-03-04 00:00:00

GOWANUS CANAL (Continued) **1010782149**

CERCLIS:

Site ID:	0206222
EPA ID:	NYN000206222
Facility County:	KINGS
Short Name:	GOWANUS CANAL
Congressional District:	07
IFMS ID:	02ZP
SMSA Number:	5600
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	S
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	02
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	/ /
Site Fips Code:	36047
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13004971.00000
Contact Name:	CHRISTOS TSIAMIS
Contact Tel:	(212) 637-4257
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	GOWANUS CANAL
Alias Address:	BUTLER ST(BETWEEN BOND ST AND NEVINS ST) BROOKLYN, NY 11231
Alias Comments:	Not reported
Site Description:	The Gowanus Canal runs through a highly developed area in Brooklyn, New York, and is impacted by contaminated sediments, principally due to activities of former Manufactured Gas Plants (MGPs). Surface sediments contain PCBs at levels up to 350 ppm, and coal tar residue up to 23% by weight of sample.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /

GOWANUS CANAL (Continued) **1010782149**

Date Completed:	01/10/08
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	/ /
Date Completed:	04/09/09
Priority Level:	Being considered for proposal to the NPL
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	/ /
Date Completed:	04/09/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	07/10/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	/ /
Date Completed:	07/10/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement

GOWANUS CANAL (Continued) **1010782149**

Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 11/05/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 12/17/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/17/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 03/04/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

GOWANUS CANAL (Continued) **1010782149**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 07/10/09
Date Completed: 04/29/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 11/05/09
Date Completed: 04/29/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 04/29/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 04/29/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

GOWANUS CANAL (Continued) **1010782149**

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 05/28/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION
Date Started: 04/29/10
Date Completed: 08/06/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION
Date Started: 04/29/10
Date Completed: 08/06/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION
Date Started: 04/29/10
Date Completed: 08/06/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Notice Letters Issued
Date Started: / /

GOWANUS CANAL (Continued) **1010782149**

Date Completed: 09/21/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION
Date Started: 04/29/10
Date Completed: 11/23/10
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NEGOTIATION (GENERIC)
Date Started: 06/06/13
Date Completed: 08/16/13
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 08/16/13
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/21/09
Date Completed: 09/27/13
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS

GOWANUS CANAL (Continued) **1010782149**

Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/27/13
Priority Level: Final Remedy Selected at Site
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: Notice Letters Issued
Date Started: / /
Date Completed: 09/30/13
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/14/12
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 08/16/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: CANAL SEDIMENTS
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

GOWANUS CANAL (Continued) **1010782149**

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 03/04/10
Fed Register Volume: 75
Page Number: 9782

Fed Register Date: 04/09/09
Fed Register Volume: 74
Page Number: 16162

Click this hyperlink while viewing on your computer to access
459 additional US CERCLIS Financial: record(s) in the EDR Site Report.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:
PRP name: AMERADA HESS CORP.
BRINK'S INC
CHEMTURA CORP
CIBRO PETROLEUM PRODUCTS INC
CONSOLIDATED EDISON COMPANY OF NEW YORK INC
HONEYWELL INTERNATIONAL, INC.
JOYCE A KJELLGREN
KRAFT FOODS GLOBAL, INC.
NATIONAL GRID USA
NEW YORK CITY
RAPID AMERICAN CORP
STAUFFER MANAGEMENT CO
US NAVY

AB186 **GOWANUS CANAL SITE** **NY SHWS** **S110487590**
NNE **GOWANUS CANAL** **N/A**
1/8-1/4 **BROOKLYN, NY, NY 11217**
0.207 mi.
1092 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
9 ft.

SHWS:
Program: HW
Site Code: 406956
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 20.000
HW Code: 224133
Record Add: 11/21/2008
Record Upd: 01/21/2014
Updated By: GWCROSS
Site Description: Site DescriptionThe Gowanus Canal is a man-made navigational waterway in southeastern Brooklyn, Kings County NY. Nearly the entire canal is bounded by hard urban shorelines in the form of bulkheads, moorings, and retaining walls. The site definition includes only the canal and its attached barge slips, totaling slightly over 1.5 linear miles of waterway. Averaging 100 feet in width, the open water area defined as

GOWANUS CANAL SITE (Continued) **S110487590**

the site totals approximately 1,000,000 square feet or 29 acres. The canal also serves as a storm water drain for the surrounding area. Currently, approximately six square miles of highly urbanized land drains into the canal. Sanitary sewers no longer discharge directly; however, numerous combined sewer overflows (CSO) continue to discharge to the canal during storm events. Industrial discharges from a wide variety of industrial processes were also historically routed to the canal, via private discharge pipes or the municipal sewers. Stagnant water conditions have plagued the canal since its initial construction. To combat this, a flushing tunnel at the north end of the canal was constructed in 1911 to divert water from the Buttermilk Channel to maintain flow through the canal to Gowanus Bay. Operation of the flushing system has had numerous problems resulting in lengthy periods during which it was inoperable. Significant upgrades to this system are scheduled over the next few years to increase the volume of water flushing the canal. Currently the flushing tunnel has been de-activated to facillitate its upgrade and an qxygenation system has been installed at the upper end of the canal. The first of three new tunnel pumps was brought back on line in Jan 2014, and the remaining two are slated for start up in April. Site History Prior to European settlement, this area formed a large tidal marsh, drained by Gowanus Creek and surrounded by higher ground to the west (present-day Carroll Gardens) and east (present-day Park Slope). In the mid 1800s, the Canal was constructed, more or less along the alignment of Gowanus Creek, by straightening and deepening the stream channel and dumping the excavated materials behind rows of timber piles along the shoreline. Combined with other urban filling activities in the surrounding area, the result was a large area of reclaimed land with a dendritic, dead-end canal providing barge access through the middle. The canal offered barge access far inland into Brooklyn, effectively increasing Brooklyns available tidewater frontage for water-borne commerce. Development of the area was rapid, and by 1869, the layout of the canal and the local street network were essentially complete.Long term decline of the local manufacturing economy has led to a marked decrease in commercial use of the Canal, with only a handful of petroleum distributors and concrete batch plants as regular users. Roughly the northern half no longer hosts barge movements as a result of siltation due to the significant CSOs which discharge street waste and sewage solids. The canal has not been dredged in several decades, consequently, substantial amounts of sediment have been deposited in upstream areas, and water depths approach zero at low tide. The sediment consists largely of solids settled from stormwater and CSO discharges. Presumably, industrial discharges to the canal have diminished in line with the de-industrialization of the surrounding neighborhood, although this is difficult to verify directly due to a lack of historical records for comparison.

Env Problem: Water quality issues have plagued the Gowanus Canal almost since its construction. Tidal flushing is largely ineffective due to the length, narrowness, and circuitous layout of the canal channel. Operation of the flushing tunnel has improved the situation during the years when flushing was being conducted; however, the current tunnel requires significant upgrades and is likely to be off-line for a year or more as the upgrades are performed. The canal is currently classified by NYSDEC as Class SD water body, acknowledging that natural or man-made conditions limit attainment of higher standards. Even the SD standards are not currently met. Oily sheens are common

GOWANUS CANAL SITE (Continued) **S110487590**

on the water surface during low tides, dissolved oxygen levels are low and surface contamination has been identified.Sediment quality is also low. Ongoing CSO discharges have resulted in extensive deposits of settled solids, particularly in the more sheltered areas near the upper end. Some parts of the canal bottom are exposed at low tide. Another particularly important contributor to sediment quality problems is the presence of three former manufactured gas plant (MGP sites) along the length of the canal. Although all three MGPs have been closed for decades, coal tar-impacted sediments have been identified at numerous locations along the length of the canal. The three MGPs are all covered by cleanup agreements with NYSDEC, and are at various stages of investigation,remedy selection and implementation. The Fulton Works, immediately east of the canal at its northern extremity, is in the Remedial Investigation process. The Carroll Gardens site (also widely known as Public Place) is in the Brownfield Cleanup Program, and is slated for remediation and redevelopment as a mixed commercial/residential project. The former Metropolitan works, immediately south of the 9th Street bridge, was partially redeveloped under a Voluntary Cleanup Agreement in 2002-2003. However, more work remains to be donepart of the MGP facility lies beneath an active retail building. A Remedial Investigation began in March 2010. Numerous oil storage and handling facilities, asphalt plants,manufacturing facilities and chemical, paint, fertilizer and plastic manufacturers have, or continue to, operate along the canal.

Health Problem: People using the canal for recreational purposes such as swimming and boating may come into direct contact with chemical contaminants and harmful biological organisms. People should avoid any activity that would result in swallowing or accidentally ingesting Canal water. Additionally, people using the canal for any purposes should wash their hands or shower after contacting the water, especially before eating and at the end of the day. Those people who are considering eating fish and shellfish caught in the Canal should follow the NYSDOH consumption advisory for fish and shellfish taken from the Upper Bay of New York Harbor. This advisory specifically includes:The NYSDOH recommends that women of childbearing age and children under the age of 15 not eat any fish from the Canal. Other people should eat no gizzard shad, white perch and crab hepatopancreas and crab cooking liquid. Also, other people should eat no more than one meal per month of American eel, Atlantic needlefish, bluefish, rainbow smelt and striped bass. People should eat no more than one (1/2 pound) meal per week of all other fish species except blue crab meat (six crabs per week).

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: True
Disp Start: 1880
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 11/25/2008 1:09:00 PM
Record Upd: 3/14/2011 4:16:00 PM
Updated By: WRBAYER
Own Op: Owner
Sub Type: 01

GOWANUS CANAL SITE (Continued) **S110487590**

Owner Name: Not reported
Owner Company: NYC Law Department
Owner Address: 100 Church Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10007
Owner Country: United States of America
HW Code: 224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: PCB-AROCLOR 1242
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: COAL TAR PITCH VOLATILES
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224133
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYN000206222
Cross Ref Type Code: 05
Cross Ref Type: CERCLA EPA ID No.
Record Added Date: 6/13/2013 2:54:00 PM
Record Updated: 6/13/2013 2:54:00 PM
Updated By: EGHAUSAM

Y187 **DICENT SERVICE STATION** **RCRA NonGen / NLR** **1001482984**
SW **169 3RD AVE** **FINDS** **NYU005001177**
1/8-1/4 **BROOKLYN, NY**
0.208 mi.
1096 ft. **Site 4 of 8 in cluster Y**

Relative:
Lower

Actual:
1 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: DICENT SERVICE STATION
Facility address: 169 3RD AVE
BROOKLYN, NY 11215
EPA ID: NYU005001177
Mailing address: DUPONT ST
PLAINFIELD, NY 11803
Contact: Not reported
Contact address: DUPONT ST
PLAINFIELD, NY 11803
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02

DICENT SERVICE STATION (Continued) **1001482984**

Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (516) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (516) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: DICENT SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 03/04/1999
Facility name: DICENT SERVICE STATION
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/23/1999

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78
Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78
Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56
Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78
Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 151
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/11/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List
New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 02/17/2014
Date Data Arrived at EDR: 02/19/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 40
Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

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

SWF/LF: Facility Register
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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

Date of Government Version: 02/17/2014
Date Data Arrived at EDR: 02/19/2014
Date Made Active in Reports: 04/02/2014
Number of Days to Update: 42
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks
A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 03/13/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 28
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 20
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/20/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15
Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35
Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 02/11/2014
Date Data Arrived at EDR: 02/13/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 46

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/17/2014
Date Data Arrived at EDR: 02/19/2014
Date Made Active in Reports: 04/02/2014
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database
This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch
Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 03/14/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41
Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells
A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/07/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 44
Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 02/28/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 20
Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System
New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/04/2014
Number of Days to Update: 36
Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data
Point source emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 69
Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/28/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 28
Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35
Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 02/17/2014
Number of Days to Update: 74
Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33
Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182
Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193
Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 04/01/2014
Number of Days to Update: 35
Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 04/01/2014
Number of Days to Update: 35
Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 02/11/2014
Date Made Active in Reports: 03/11/2014
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PRESIDENT STREET/UNION STREET/NEVINS STREET
PRESIDENT STREET, UNION STREET, NEVINS STREET
BROOKLYN, NY 11215

TARGET PROPERTY COORDINATES

Latitude (North):	40.6786 - 40 40' 42.96''
Longitude (West):	73.9876 - 73 59' 15.36''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585559.6
UTM Y (Meters):	4503361.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995
West Map:	40074-F1 JERSEY CITY, NJ NY
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

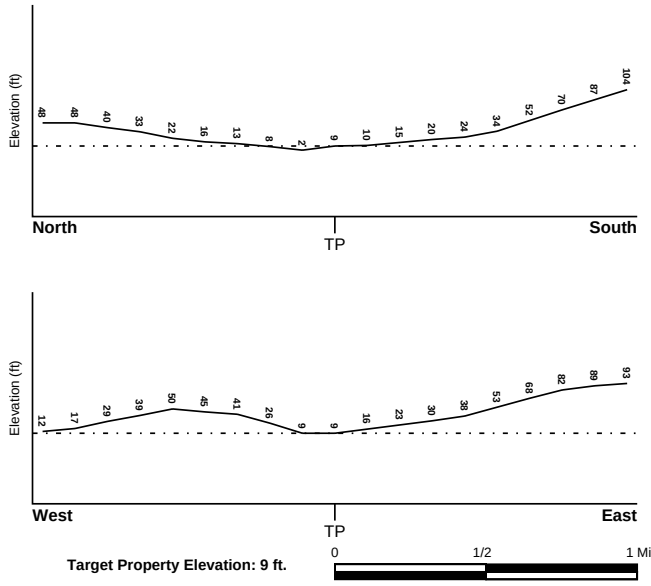
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 360497 - FEMA DFIRM Flood data

Additional Panels in search area:
- 3604970062B - FEMA Q3 Flood data
- 3604970063B - FEMA Q3 Flood data
- 3604970072B - FEMA Q3 Flood data
- 3604970073B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/8 - 1/4 Mile WNW
Site Name:	Vidan Auto Salvage
Site EPA ID Number:	NYD986961167
Groundwater Flow Direction:	SW TOWARD THE NARROWS.
Inferred Depth to Water:	approximately 38 feet.
Hydraulic Connection:	The surficial aquifer and underlying aquifer are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Mesozoic	Category:	Stratified Sequence
System:	Cretaceous		
Series:	Upper Cretaceous		
Code:	uK *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000828295	1/8 - 1/4 Mile ESE
A2	USGS40000828296	1/8 - 1/4 Mile ESE
3	USGS40000828297	1/8 - 1/4 Mile WSW
A4	USGS40000828294	1/8 - 1/4 Mile ESE
5	USGS40000828170	1/4 - 1/2 Mile SSE
6	USGS40000828469	1/4 - 1/2 Mile NE
7	USGS40000828478	1/4 - 1/2 Mile NW
B8	USGS40000828512	1/4 - 1/2 Mile North
9	USGS40000828120	1/4 - 1/2 Mile SSE
B10	USGS40000828518	1/4 - 1/2 Mile North
C11	USGS40000828117	1/4 - 1/2 Mile South
12	USGS40000828501	1/4 - 1/2 Mile NNW
13	USGS40000828114	1/4 - 1/2 Mile South
C14	USGS40000828115	1/4 - 1/2 Mile South
D15	USGS40000828532	1/4 - 1/2 Mile North
16	USGS40000828444	1/4 - 1/2 Mile WNW
E17	USGS40000828124	1/4 - 1/2 Mile SW
E18	USGS40000828125	1/4 - 1/2 Mile SW
D19	USGS40000828544	1/4 - 1/2 Mile NNE
20	USGS40000828165	1/2 - 1 Mile SW
21	USGS40000828265	1/2 - 1 Mile WSW
22	USGS40000828092	1/2 - 1 Mile South
F23	USGS40000828284	1/2 - 1 Mile ESE
F24	USGS40000828293	1/2 - 1 Mile ESE
25	USGS40000828549	1/2 - 1 Mile NNE
G26	USGS40000828468	1/2 - 1 Mile ENE
G27	USGS40000828451	1/2 - 1 Mile ENE
28	USGS40000828410	1/2 - 1 Mile West
29	USGS40000828070	1/2 - 1 Mile SSE
H30	USGS40000828587	1/2 - 1 Mile NNE
31	USGS40000828523	1/2 - 1 Mile NE
H32	USGS40000828602	1/2 - 1 Mile NNE
33	USGS40000828558	1/2 - 1 Mile NE
I34	USGS40000828018	1/2 - 1 Mile SSW
I35	USGS40000828019	1/2 - 1 Mile SSW
J36	USGS40000828620	1/2 - 1 Mile NNE
H37	USGS40000828606	1/2 - 1 Mile NNE
K38	USGS40000828183	1/2 - 1 Mile WSW
J39	USGS40000828627	1/2 - 1 Mile NNE
K40	USGS40000828193	1/2 - 1 Mile WSW
J41	USGS40000828619	1/2 - 1 Mile NNE
42	USGS40000828601	1/2 - 1 Mile NNE
43	USGS40000828443	1/2 - 1 Mile ENE
44	USGS40000828452	1/2 - 1 Mile WNW
L45	USGS40000828020	1/2 - 1 Mile SW
L46	USGS40000828021	1/2 - 1 Mile SW
47	USGS40000828676	1/2 - 1 Mile North
48	USGS40000828339	1/2 - 1 Mile West
M49	USGS40000828660	1/2 - 1 Mile NNE
M50	USGS40000828670	1/2 - 1 Mile NNE
N51	USGS40000828254	1/2 - 1 Mile WSW
N52	USGS40000828200	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
53	USGS40000827905	1/2 - 1 Mile South
54	USGS40000828661	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No PWS System Found

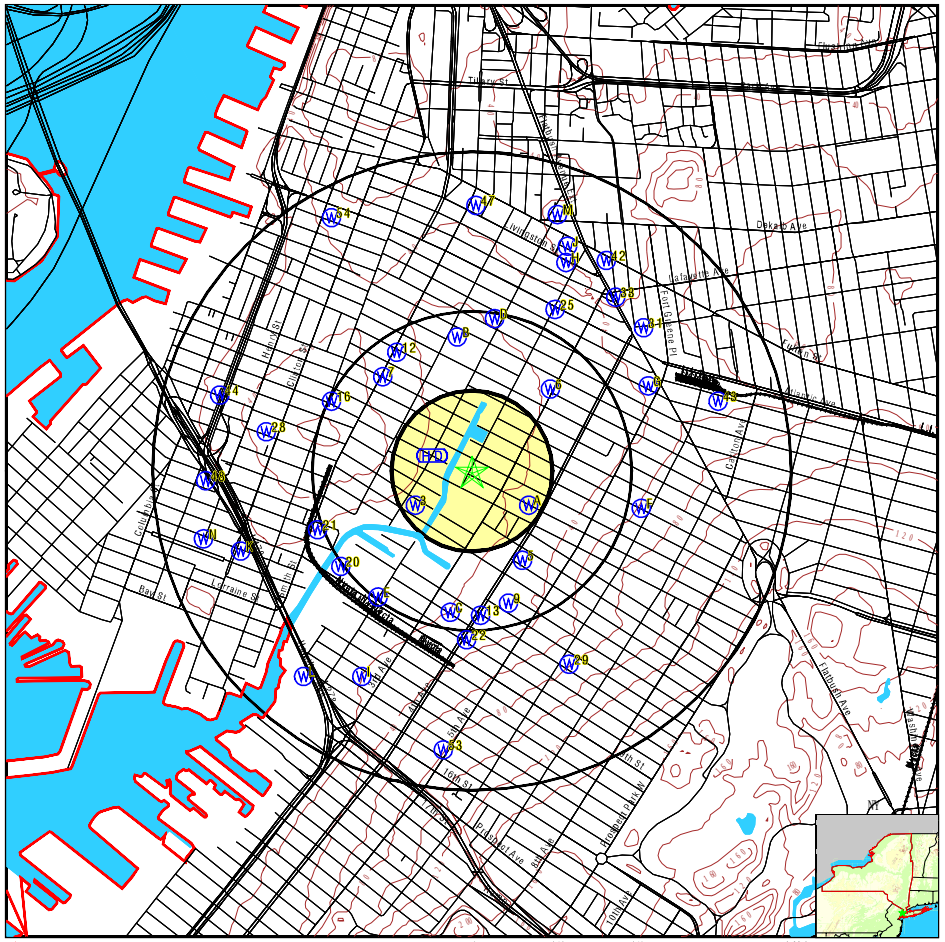
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 3933605.2s



SITE NAME: President Street/Union Street/Nevins Street ADDRESS: President Street, Union Street, Nevins Street Brooklyn NY 11215 LAT/LONG: 40.6786 / 73.9876	CLIENT: Carlin Simpson and Associates CONTACT: Meredith Anke INQUIRY #: 3933605.2s DATE: May 05, 2014 10:11 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
ESE **FED USGS** **USGS40000828295**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404037073590501		
Monloc name:	K 956. 1		
Monloc type:	Well		
Monloc desc:	0501		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6770477
Longitude:	-73.9843056	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	22.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	182
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A2
ESE **FED USGS** **USGS40000828296**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404037073590502		
Monloc name:	K 1030. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6770477
Longitude:	-73.9843056	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	182
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

3
WSW **FED USGS** **USGS40000828297**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404037073592901		
Monloc name:	K 10. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6770476
Longitude:	-73.9909724	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	75
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 268

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-02-27		-15.45	1943-01-30		-16.47
1943-01-02		-17.14	1942-12-26		-16.81
1942-12-19		-17.58	1942-12-12		-17.11
1942-12-05		-17.86	1942-11-28		-17.51
1942-11-21		-17.69	1942-11-14		-17.74
1942-11-07		-18.28	1942-10-31		-17.56
1942-10-24		-17.95	1942-10-17		-18.01
1942-10-10		-17.84	1942-10-03		-18.25
1942-09-26		-17.93	1942-09-19		-18.53
1942-09-12		-18.21	1942-09-05		-18.13
1942-08-29		-17.85	1942-08-22		-18.39
1942-08-15		-17.77	1942-08-08		-17.92
1942-08-01		-17.94	1942-07-25		-17.83
1942-07-18		-17.65	1942-07-11		-18.21
1942-07-04		-17.52	1942-06-27		-17.90
1942-06-20		-17.38	1942-06-13		-17.50
1942-06-06		-17.40	1942-05-30		-16.97
1942-05-23		-17.15	1942-05-16		-16.95
1942-05-09		-17.27	1942-05-02		-16.65

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-04-25		-16.46
1942-04-11		-16.58
1942-03-28		-16.55
1942-03-14		-16.51
1942-02-28		-16.78
1942-02-14		-16.90
1942-01-31		-16.19
1942-01-17		-16.43
1942-01-03		-16.49
1941-12-20		-16.63
1941-12-06		-17.01
1941-11-22		-15.77
1941-11-08		-16.80
1941-10-25		-16.82
1941-10-11		-17.08
1941-09-27		-17.09
1941-09-13		-17.50
1941-08-30		-16.93
1941-08-16		-17.04
1941-08-02		-17.05
1941-07-19		-16.93
1941-07-05		-16.70
1941-06-21		-16.71
1941-06-07		-16.42
1941-05-24		-16.17
1941-05-10		-16.38
1941-04-26		-15.86
1941-04-12		-15.46
1941-03-29		-15.00
1941-03-15		-15.63
1941-03-01		-14.18
1941-02-15		-13.98
1941-02-01		-14.43
1941-01-18		-14.73
1941-01-04		-14.28
1940-12-21		-14.92
1940-12-07		-13.64
1940-11-23		-14.41
1940-11-09		-14.95
1940-10-26		-14.90
1940-10-12		-15.24
1940-09-28		-16.60
1940-09-14		-15.94
1940-08-31		-16.17
1940-08-17		-15.50
1940-08-03		-15.47
1940-07-20		-14.86
1940-07-06		-14.88
1940-06-22		-14.66
1940-06-08		-14.43
1940-05-25		-14.15
1940-05-11		-13.94
1940-04-27		-13.94
1940-04-13		-13.76
1940-03-30		-12.59
1942-04-18		-16.43
1942-04-04		-15.97
1942-03-21		-15.93
1942-03-07		-16.42
1942-02-21		-16.11
1942-02-07		-15.95
1942-01-24		-16.19
1942-01-10		-16.13
1941-12-27		-16.25
1941-12-13		-16.19
1941-11-29		-17.26
1941-11-15		-16.66
1941-11-01		-16.95
1941-10-18		-16.83
1941-10-04		-17.32
1941-09-20		-17.69
1941-09-06		-17.85
1941-08-23		-17.13
1941-08-09		-16.85
1941-07-26		-17.17
1941-07-12		-16.35
1941-06-28		-16.35
1941-06-14		-16.15
1941-05-31		-15.77
1941-05-17		-15.69
1941-05-03		-16.43
1941-04-19		-15.45
1941-04-05		-15.14
1941-03-22		-15.41
1941-03-08		-14.35
1941-02-22		-14.25
1941-02-08		-13.98
1941-01-25		-15.04
1941-01-11		-14.56
1940-12-28		-14.14
1940-12-14		-14.34
1940-11-30		-14.75
1940-11-16		-14.70
1940-11-02		-15.36
1940-10-19		-15.09
1940-10-05		-15.31
1940-09-21		-15.69
1940-09-07		-15.55
1940-08-24		-16.14
1940-08-10		-15.43
1940-07-27		-15.44
1940-07-13		-15.18
1940-06-29		-14.50
1940-06-15		-15.15
1940-06-01		-14.12
1940-05-18		-14.28
1940-05-04		-13.96
1940-04-20		-13.65
1940-04-06		-13.12
1940-03-23		-13.59

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1940-03-16		-13.35
1940-03-02		-13.82
1940-02-17		-13.58
1940-02-03		-13.32
1940-01-20		-13.70
1940-01-06		-14.20
1939-12-23		-13.70
1939-12-09		-13.93
1939-11-25		-13.73
1939-11-11		-14.48
1939-10-28		-15.32
1939-10-14		-15.72
1939-09-30		-16.89
1939-09-16		-15.77
1939-09-01		-16.41
1939-08-18		-16.02
1939-08-04		-15.72
1939-07-21		-16.22
1939-07-07		-15.06
1939-06-23		-15.04
1939-06-09		-14.96
1939-05-26		-14.09
1939-05-12		-14.44
1939-04-28		-13.83
1939-04-15		-13.92
1939-03-31		-14.33
1939-03-10		-14.82
1939-02-24		-14.35
1939-02-10		-14.45
1939-01-27		-15.14
1939-01-13		-15.15
1938-12-30		-14.49
1938-12-16		-14.79
1938-12-02		-14.81
1938-11-18		-15.06
1938-11-04		-14.28
1938-10-21		-13.85
1938-10-07		-13.73
1938-09-23		-13.72
1938-09-09		-13.70
1938-08-26		-13.68
1938-08-12		-13.33
1938-07-29		-13.05
1938-07-08		-12.65
1938-06-25		-12.57
1938-06-04		-12.26
1938-05-21		-12.05
1938-05-07		-12.24
1938-04-23		-12.15
1938-04-02		-11.64
1938-03-19		-11.54
1938-03-05		-11.52
1938-02-19		-11.63
1938-02-04		-12.43
1938-01-21		-12.31
1940-03-09		-14.07
1940-02-24		-14.22
1940-02-10		-13.57
1940-01-27		-13.46
1940-01-13		-14.34
1939-12-30		-13.60
1939-12-16		-13.59
1939-12-02		-13.30
1939-11-18		-13.96
1939-11-04		-14.32
1939-10-21		-15.59
1939-10-07		-15.47
1939-09-23		-16.26
1939-09-08		-16.16
1939-08-25		-16.45
1939-08-11		-15.74
1939-07-28		-16.73
1939-07-14		-16.05
1939-06-30		-15.29
1939-06-16		-15.36
1939-06-02		-15.15
1939-05-19		-14.44
1939-05-05		-14.25
1939-04-21		-14.32
1939-04-08		-13.84
1939-03-17		-15.04
1939-03-03		-14.80
1939-02-17		-14.30
1939-02-03		-14.98
1939-01-20		-14.68
1939-01-06		-14.77
1938-12-23		-14.30
1938-12-09		-13.50
1938-11-25		-14.84
1938-11-11		-14.95
1938-10-28		-14.04
1938-10-14		-13.74
1938-09-30		-13.63
1938-09-16		-13.63
1938-09-02		-13.38
1938-08-19		-13.35
1938-08-05		-13.09
1938-07-15		-12.79
1938-07-01		-12.52
1938-06-11		-12.18
1938-05-28		-12.22
1938-05-14		-12.20
1938-04-30		-12.29
1938-04-16		-11.98
1938-03-26		-11.52
1938-03-12		-11.69
1938-02-26		-11.72
1938-02-12		-11.74
1938-01-28		-12.66
1938-01-14		-12.22

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-01-07		-12.00	1937-12-31		-11.96
1937-12-24		-12.09	1937-12-18		-12.12
1937-12-11		-12.11	1937-12-04		-12.05
1937-11-27		-12.45	1937-11-20		-12.09
1937-11-13		-12.02	1937-11-08		-12.50

A4
ESE **FED USGS** **USGS40000828294**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404037073590401		
Monloc name:	K 930. 1		
Monloc type:	Well		
Monloc desc:	0401		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6770477
Longitude:	-73.9840278	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	180
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

5
SSE **FED USGS** **USGS40000828170**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404028073590601		
Monloc name:	K 917. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6745477
Longitude:	-73.9845834	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	106
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

6
NE **FED USGS** **USGS40000828469**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404057073585901		
Monloc name:	K 3259. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6823253
Longitude:	-73.9829167	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	23.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 45

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-03-14		13.98	1995-01-03		13.34
1994-06-28		13.99	1994-03-25		14.42
1993-11-22		12.15	1993-08-25		12.04
1993-07-22		12.75	1993-06-22		13.30
1993-06-14		13.47	1993-03-23		13.46
1993-01-19		13.09	1992-12-28		12.92
1992-11-19		12.13	1992-10-27		11.90
1992-09-18		12.32	1992-07-14		12.76
1992-03-18		11.35	1991-03-20		12.45
1990-03-27		12.47	1989-04-11		12.81

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-06-01		13.38	1985-10-01		12.45
1985-05-21		12.53	1984-12-18		12.91
1984-10-05		13.24	1984-06-28		13.60
1984-03-16		13.38	1984-01-05		5.13
1983-09-28		5.98	1983-06-29		12.13
1983-03-25		12.38	1982-12-21		11.88
1982-10-06		13.28	1982-06-30		13.66
1982-03-24		13.42	1981-12-29		13.90
1981-09-23		14.24	1981-06-25		13.76
1981-03-20		13.94	1981-02-10		13.43
1980-12-30		13.16	1980-09-23		13.35
1980-06-24		13.06	1980-06-10		14.02
1980-04-11		12.13			

7
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828478**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404058073593601		
Monloc name:	K 702. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6828809
Longitude:	-73.9929169	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	140
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B8
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828512**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404104073592201		
Monloc name:	K 725. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6845475
Longitude:	-73.9890279	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	115
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

9
SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828120**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404021073590901		
Monloc name:	K 646. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6726033
Longitude:	-73.9854167	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	194
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B10
North
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828518**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404105073591801		
Monloc name:	K 694. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6848253
Longitude:	-73.9879168	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	117
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C11
South
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828117**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404020073592201		
Monloc name:	K 920. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6723255
Longitude:	-73.9890279	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	164
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

12
NNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828501**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404102073593301		
Monloc name:	K 654. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6839919
Longitude:	-73.9920836	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	158
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

13
South
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828114**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404019073591501		
Monloc name:	K 648. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6720478
Longitude:	-73.9870834	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	38.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	197
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C14
South
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828115**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404019073592101		
Monloc name:	K 916. 1		
Monloc type:	Well		
Monloc desc:	2101		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6720478
Longitude:	-73.9887501	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	162
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D15
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828532**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404107073591401		
Monloc name:	K 731. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6853808
Longitude:	-73.9868057	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	23.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	210
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

16
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828444**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404054073594701		
Monloc name:	K 668. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6817698
Longitude:	-73.9959726	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	57.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	199
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

E17
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828124**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404022073593701		
Monloc name:	K 638. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6728811
Longitude:	-73.9931947	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

E18
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828125**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404022073593702		
Monloc name:	K 1332. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6728811
Longitude:	-73.9931947	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	168
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D19
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828544**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404108073591001		
Monloc name:	K 676. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6856586
Longitude:	-73.9856945	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	163
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

20
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000828165**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404027073594501		
Monloc name:	K 9. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6742699
Longitude:	-73.995417	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	4.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	159
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

21
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828265**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404033073595001		
Monloc name:	K 1536. 1		
Monloc type:	Well		
Monloc desc:	5001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6759366
Longitude:	-73.9968059	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	156
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

22
South **FED USGS** **USGS40000828092**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404015073591801		
Monloc name:	K 650. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6709367
Longitude:	-73.9879168	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	195
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

F23
ESE **FED USGS** **USGS40000828284**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404036073584008		
Monloc name:	K 3261. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6770477
Longitude:	-73.9776387	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	64.8
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 172

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-01-28		23.61	2001-12-28		24.06
2001-11-15		24.59	2001-10-24		25.01
2001-09-26		25.44	2001-08-30		25.37
2001-07-24		25.18	2001-06-28		25.19
2001-05-24		24.70	2001-04-25		23.92
2001-03-20		23.35	2001-02-22		23.31
2001-01-17		23.54	2000-12-19		23.81
2000-11-28		23.96	2000-10-24		24.12
2000-09-27		24.22	2000-08-24		23.99
2000-07-27		23.81	2000-06-28		23.28
2000-05-23		23.03	2000-04-27		22.82
2000-03-23		22.79	2000-02-29		22.83
1999-12-13		23.24	1999-11-23		23.33
1999-10-19		23.59	1999-09-23		23.82
1999-08-17		24.03	1999-07-20		24.13
1999-06-24		24.17	1999-05-18		24.18
1999-04-28		24.22	1999-03-23		24.37
1999-03-02		24.62	1999-01-27		25.10
1998-11-24		26.29	1998-10-29		26.78
1998-09-29		27.33	1998-09-01		27.73
1998-07-28		27.89	1998-06-10		27.28
1998-05-20		26.72	1998-04-29		26.16
1998-03-25		25.51	1998-01-29		25.48
1997-12-17		26.17	1997-11-26		26.39
1997-11-05		26.71	1997-09-29		27.18
1997-07-23		27.56	1997-06-26		27.61
1997-05-29		27.43	1997-03-18		26.89
1997-02-28		26.82	1997-01-24		26.81
1997-01-07		26.69	1996-09-19		27.36
1996-07-02		27.45	1996-03-13		25.62
1995-11-28		25.39	1995-09-26		25.82
1995-07-19		26.07	1995-05-23		25.88
1995-03-14		25.11	1995-01-25		25.01
1994-12-13		25.36	1994-10-18		26.05
1994-09-21		26.44	1994-08-24		26.78
1994-07-27		26.83	1994-06-20		26.70
1994-05-17		26.23	1994-04-26		25.71
1994-03-25		25.46	1994-02-22		25.49
1993-12-27		24.83	1993-11-18		25.21
1993-10-28		25.49	1993-09-15		25.96
1993-08-18		26.27	1993-07-15		26.40
1993-06-22		26.32	1993-05-20		25.95
1993-04-29		25.45	1993-03-23		24.84
1993-02-24		24.27	1993-01-26		24.11
1992-12-29		24.14	1992-11-24		24.04
1992-10-28		24.44	1992-09-16		24.47
1992-08-25		24.46	1992-07-15		24.45
1992-06-23		24.43	1992-05-12		24.56
1992-04-14		25.66	1992-03-18		25.91
1992-02-19		25.17	1992-01-22		26.45

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-12-18		26.63	1991-11-14		25.85
1991-10-16		26.05	1991-09-17		26.22
1991-08-15		26.41	1991-07-16		26.63
1991-06-12		26.63	1991-05-15		26.51
1991-04-15		26.33	1991-03-20		26.31
1991-02-21		26.26	1991-01-24		26.30
1990-12-10		26.63	1990-11-13		26.66
1990-10-10		26.67	1990-09-12		26.52
1990-08-14		26.43	1990-07-12		26.41
1990-06-20		26.32	1990-05-25		26.20
1990-04-24		26.18	1990-04-04		26.26
1990-03-27		26.37	1990-02-26		26.45
1990-01-24		26.74	1989-12-28		26.91
1989-11-21		27.15	1989-10-27		26.86
1989-09-29		26.89	1989-08-31		26.60
1989-07-25		25.86	1989-06-22		25.06
1989-05-22		24.29	1989-04-28		24.10
1989-04-11		24.04	1989-03-29		24.03
1989-02-28		24.29	1989-01-17		24.42
1988-12-09		24.65	1988-11-16		24.83
1988-10-19		25.04	1988-09-14		25.20
1988-08-31		25.21	1988-07-22		25.33
1988-06-17		25.13	1988-06-01		25.26
1985-10-01		25.49	1985-05-21		26.01
1984-12-18		30.30	1984-10-04		31.41
1984-06-28		31.01	1984-03-16		31.86
1984-01-05		28.48	1983-09-28		28.26
1983-06-29		26.81	1983-03-25		25.81
1982-12-21		25.81	1982-10-06		25.68
1982-06-30		25.11	1982-04-01		25.30
1981-12-29		25.47	1981-09-23		25.76
1981-06-25		26.23	1981-03-20		26.36
1981-02-25		26.37	1980-12-30		28.27
1980-12-30		28.28	1980-09-23		30.01
1980-09-02		29.84	1980-06-24		29.35
1980-06-10		28.81	1980-04-09		24.66

F24
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828293**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404037073584001		
Monloc name:	K 3301. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6767699
Longitude:	-73.9773609	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.6
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	19840301	Welldepth:	70
Welldepth units:	ft	Wellholedepth:	70
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 136

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-15		17.93	2005-01-21		18.11
2004-12-15		17.65	2004-11-30		17.90
2004-10-21		18.16	2004-09-21		18.10
2004-08-25		17.98	2004-07-20		18.07
2004-06-16		18.05	2004-05-25		18.32
2004-04-30		17.64	2004-03-21		17.53
2004-02-25		17.74	2003-11-25		17.38
2003-11-19		17.73	2003-10-29		18.06
2003-09-24		17.98	2003-08-26		18.00
2003-07-21		18.00	2003-06-25		17.30
2003-05-20		16.46	2003-04-28		16.50
2003-03-17		15.97	2003-01-28		14.80
2002-12-27		14.27	2002-11-26		13.89
2002-10-21		13.65	2002-09-25		13.35
2002-06-18		12.96	2002-05-29		13.27
2002-04-24		13.18	2002-03-21		13.99
2002-02-27		14.21	2002-01-28		14.15
2001-12-28		14.71	2001-11-15		14.98
2001-10-24		15.45	2001-09-26		15.31
2001-08-30		15.27	2001-07-24		15.40
2001-06-28		15.22	2001-05-24		15.06
2001-04-25		14.40	2001-03-20		13.62
2001-02-22		13.71	2001-01-17		14.04
2000-12-19		14.47	2000-11-28		14.57
2000-10-24		14.50	2000-09-27		14.53
2000-08-24		14.68	2000-07-27		14.32
2000-06-28		14.20	2000-05-23		14.08
2000-04-27		13.67	2000-03-23		13.63
2000-02-29		13.91	1999-12-13		14.14
1999-11-23		14.03	1999-10-19		14.03
1999-09-23		14.55	1999-08-17		14.60
1999-07-20		14.81	1999-06-24		14.97
1999-05-18		14.95	1999-04-28		14.73
1999-03-23		14.93	1999-03-02		15.53
1999-01-27		15.64	1998-11-24		16.67
1998-10-29		17.12	1998-09-29		17.31
1998-09-01		17.65	1998-07-28		17.91
1998-06-10		17.38	1998-05-20		17.34
1998-04-29		16.42	1998-03-25		15.66
1998-01-29		16.33	1997-12-17		16.36
1997-11-26		16.74	1997-11-05		16.21

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-09-29		17.75	1997-07-23		17.19
1997-06-26		17.68	1997-05-29		17.13
1997-03-18		17.00	1997-02-28		16.98
1997-01-24		16.45	1997-01-07		16.99
1996-09-19		17.13	1996-07-02		17.51
1996-03-13		16.21	1995-11-28		16.10
1995-09-26		16.28	1995-07-19		16.44
1995-05-23		15.97	1995-03-14		15.95
1995-01-25		15.56	1994-12-13		15.62
1994-10-18		16.51	1994-09-21		16.49
1994-08-24		16.44	1994-07-27		17.01
1994-06-20		16.79	1994-05-17		16.81
1994-04-26		16.30	1994-03-25		15.83
1994-02-22		15.29	1993-12-27		15.00
1993-11-18		15.68	1993-10-28		16.30
1993-09-15		16.23	1993-08-18		16.45
1993-07-15		16.55	1993-06-22		16.77
1993-05-20		16.45	1993-04-29		15.66
1993-03-26		15.16	1993-02-24		14.86
1993-01-26		14.61	1992-12-29		14.67
1992-11-24		14.83	1992-03-18		15.50
1991-03-20		16.73	1990-04-04		17.50
1990-03-27		16.61	1989-04-11		14.51
1988-06-01		15.82	1985-10-01		16.10
1985-05-21		16.78	1984-12-18		18.60
1984-10-04		20.10	1984-06-28		20.16
1984-03-16		18.46	1984-03-02		18.37

25
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828549**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404109073585901		
Monloc name:	K 655. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6859364
Longitude:	-73.9826389	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	39.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	214
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

G26
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828468**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404057073583701		
Monloc name:	K 19. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6828809
Longitude:	-73.9773609	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	46.9
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Jameco Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	186
Welldepth units:	ft	Wellholedepth:	186
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 276

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-03-17		8.15	2002-03-21		7.73
2001-03-21		8.15	2000-03-22		8.01
1999-03-23		8.43	1998-05-28		8.88
1998-04-29		8.67	1998-03-25		8.49
1998-02-26		8.49	1998-01-26		8.27
1997-12-29		8.33	1997-11-26		8.48
1997-10-29		8.39	1997-09-29		8.56
1997-03-18		8.57	1996-07-12		8.31
1995-09-29		7.73	1995-06-22		7.87
1995-03-15		8.28	1995-01-03		8.59
1994-06-28		8.97	1993-11-22		8.35
1993-08-25		8.38	1993-07-22		8.51
1993-06-22		8.66	1993-05-24		8.82
1993-04-28		8.91	1993-03-23		8.44
1993-01-19		8.41	1992-12-28		8.39
1992-11-19		8.25	1992-10-27		8.29
1992-09-18		8.37	1992-08-24		8.34
1992-07-14		8.31	1989-03-08		8.14
1988-06-01		8.17	1987-09-10		7.97

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1987-03-10		7.79
1986-06-13		7.59
1985-10-01		7.57
1984-12-18		10.17
1984-06-28		10.27
1984-01-05		9.80
1983-03-25		8.83
1982-10-06		8.56
1982-04-02		9.08
1981-09-23		8.47
1981-03-27		9.41
1980-09-23		9.87
1980-03-13		9.46
1979-09-17		10.47
1978-06-14		10.18
1976-12-21		8.00
1976-07-09		7.97
1975-10-07		8.41
1975-03-26		7.85
1974-09-25		7.62
1974-06-28		7.98
1974-01-09		8.24
1973-07-09		7.77
1972-12-27		7.37
1972-07-10		7.67
1972-01-13		6.94
1971-07-28		8.33
1971-03-08		5.38
1970-10-30		6.38
1970-03-13		6.38
1969-11-10		5.90
1969-08-04		5.48
1969-05-28		5.00
1969-04-01		4.79
1969-01-30		4.57
1968-12-03		4.07
1968-09-30		3.94
1968-07-29		4.13
1968-05-28		4.12
1968-03-27		4.29
1968-02-05		4.29
1967-11-29		3.93
1967-09-26		3.82
1967-07-28		3.56
1967-05-31		3.67
1967-03-29		3.48
1967-01-31		1.93
1966-12-01		2.96
1966-09-30		2.66
1966-07-29		2.59
1966-05-26		3.17
1966-03-30		3.31
1966-01-28		3.08
1965-12-02		3.12
1965-10-07		3.07
1986-09-10		7.46
1985-12-03		7.64
1985-05-21		8.48
1984-10-05		9.78
1984-03-16		9.83
1983-09-28		8.34
1982-12-21		8.27
1982-06-30		8.87
1981-12-29		8.77
1981-06-25		8.96
1980-12-30		9.60
1980-06-19		10.29
1979-12-18		10.02
1979-06-28		10.58
1977-03-29		7.77
1976-09-22		7.99
1975-12-16		8.03
1975-06-30		7.50
1974-12-20		7.83
1974-09-05		7.95
1974-03-19		8.20
1973-09-25		7.29
1973-04-03		7.58
1972-09-29		7.04
1972-03-28		6.77
1971-09-23		7.01
1971-05-05		7.33
1971-02-09		6.59
1970-05-08		6.67
1970-02-06		5.97
1969-09-02		5.69
1969-07-02		5.14
1969-04-22		4.99
1969-03-01		4.59
1969-01-08		4.39
1968-11-06		3.87
1968-08-28		3.92
1968-06-26		4.15
1968-04-22		4.40
1968-03-06		4.01
1968-01-02		4.63
1967-10-20		3.62
1967-09-07		3.82
1967-07-06		3.57
1967-05-04		3.38
1967-02-24		3.25
1966-12-23		3.09
1966-10-25		2.68
1966-08-29		2.64
1966-06-27		2.94
1966-05-04		3.16
1966-03-02		3.07
1965-12-30		3.41
1965-10-28		3.09
1965-09-09		3.09

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1965-07-23		3.13
1965-05-24		3.28
1965-03-25		3.03
1965-01-29		2.80
1964-11-25		2.69
1964-10-01		2.57
1964-07-27		2.89
1964-05-28		2.74
1964-03-30		2.85
1964-01-28		2.45
1963-12-05		2.14
1963-09-30		2.23
1963-07-30		2.43
1963-06-03		2.92
1963-03-29		3.04
1963-01-31		3.06
1962-12-04		3.07
1962-08-31		3.03
1962-07-02		3.37
1962-04-26		3.75
1962-03-05		3.27
1961-12-28		3.08
1961-10-31		2.42
1961-08-31		2.88
1961-06-29		2.60
1961-04-26		2.61
1961-03-01		2.12
1960-12-06		1.57
1960-09-28		1.23
1960-08-02		1.10
1960-06-02		1.44
1960-03-29		1.26
1960-01-27		0.94
1959-12-01		0.60
1959-10-06		0.53
1959-08-04		0.87
1959-06-01		1.41
1959-04-03		1.54
1959-01-29		1.34
1958-10-30		1.16
1958-07-29		1.14
1958-05-29		1.20
1958-04-08		0.59
1958-01-28		0.16
1957-11-22		-0.19
1957-09-24		-0.43
1957-07-24		-0.24
1957-05-28		0.09
1957-03-27		0.07
1957-01-25		-0.03
1956-11-29		-0.18
1956-09-04		-0.41
1956-07-03		-0.33
1956-05-03		-0.28
1956-03-05		-0.69
1965-06-24		3.15
1965-05-04		3.31
1965-02-24		3.00
1964-12-31		2.49
1964-11-02		2.72
1964-09-02		2.32
1964-07-06		2.79
1964-04-23		2.76
1964-02-28		2.58
1963-12-31		2.20
1963-11-05		2.14
1963-09-03		2.44
1963-07-02		2.61
1963-04-25		3.04
1963-02-28		3.02
1963-01-03		3.17
1962-10-03		2.96
1962-07-30		3.45
1962-05-29		4.36
1962-03-27		3.36
1962-01-31		3.00
1961-11-28		2.89
1961-09-28		2.63
1961-08-01		2.59
1961-05-31		2.91
1961-03-28		2.43
1961-01-30		1.97
1960-11-02		1.46
1960-08-30		1.09
1960-06-30		1.24
1960-05-04		1.32
1960-03-08		1.16
1960-01-05		0.93
1959-11-02		0.71
1959-09-03		0.73
1959-07-02		1.12
1959-05-06		1.36
1959-03-02		1.59
1959-01-07		1.47
1958-08-28		0.94
1958-06-30		1.14
1958-05-01		0.79
1958-03-03		0.40
1957-12-31		-0.04
1957-10-30		-0.23
1957-09-04		-0.21
1957-06-27		-0.12
1957-04-24		0.17
1957-02-27		0.21
1956-12-20		-0.16
1956-10-02		-0.31
1956-08-02		-0.35
1956-06-05		-0.17
1956-03-29		-0.56
1956-02-03		-0.96

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1955-12-22		-1.11	1955-12-02		-1.43
1955-11-04		-1.66	1955-10-07		-1.88
1955-08-25		-2.01	1955-07-26		-1.97
1955-06-23		-1.71	1955-05-24		-1.47
1955-04-26		-1.34	1955-03-29		-1.54
1955-02-21		-1.71	1955-01-25		-1.77
1954-12-27		-2.03	1954-12-02		-2.29
1954-10-28		-2.61	1954-10-05		-2.79
1954-08-25		-2.62	1954-07-29		-2.74

G27
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828451**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404055073583801		
Monloc name:	K 657. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6820476
Longitude:	-73.9768054	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	44.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	227
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

28
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828410**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404049074000101		
Monloc name:	K 669. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6803809
Longitude:	-73.9998616	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	48.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	182
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

29
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828070**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404011073585608		
Monloc name:	K 104. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6698256
Longitude:	-73.9818055	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	102
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 129

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-08-28		-25.72	1943-07-31		-25.61
1943-06-26		-25.43	1943-05-29		-25.37
1943-05-01		-25.43	1943-03-27		-25.72
1943-02-27		-25.91	1943-01-30		-25.93
1943-01-02		-26.33	1942-12-26		-26.42
1942-12-19		-26.47	1942-12-12		-26.51
1942-12-05		-26.53	1942-11-28		-26.55
1942-11-21		-26.59	1942-11-14		-26.62
1942-11-07		-26.65	1942-10-31		-26.68
1942-10-24		-26.69	1942-10-17		-26.68

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-10-10		-26.66
1942-09-26		-26.59
1942-09-12		-26.56
1942-08-29		-26.53
1942-08-15		-26.49
1942-08-01		-26.48
1942-07-18		-26.42
1942-07-04		-26.44
1942-06-20		-26.41
1942-06-06		-26.37
1942-05-23		-26.31
1942-05-09		-26.35
1942-04-25		-26.34
1942-04-11		-26.36
1942-03-28		-26.40
1942-03-14		-26.41
1942-02-28		-26.42
1942-02-14		-26.44
1942-01-31		-26.48
1942-01-17		-26.55
1942-01-03		-26.67
1941-12-20		-26.76
1941-12-06		-26.80
1941-11-22		-26.84
1941-11-08		-26.87
1941-10-25		-26.84
1941-10-11		-26.74
1941-09-27		-26.62
1941-09-06		-26.40
1941-08-23		-26.30
1941-08-09		-26.16
1941-07-26		-26.10
1941-07-12		-26.05
1941-06-28		-25.92
1941-06-14		-25.80
1941-05-31		-25.72
1941-05-17		-25.66
1941-05-03		-25.60
1941-04-19		-25.53
1941-04-05		-25.52
1941-03-22		-25.50
1941-03-08		-25.51
1941-02-22		-25.58
1941-02-08		-25.56
1941-01-25		-25.60
1941-01-11		-25.65
1940-12-28		-25.74
1940-12-14		-25.81
1940-11-30		-25.91
1940-11-16		-26.03
1940-11-02		-26.09
1940-10-19		-26.11
1940-10-05		-26.11
1940-09-21		-26.04
1940-08-27		-25.89
1942-10-03		-26.62
1942-09-19		-26.58
1942-09-05		-26.53
1942-08-22		-26.51
1942-08-08		-26.49
1942-07-25		-26.45
1942-07-11		-26.43
1942-06-27		-26.41
1942-06-13		-26.39
1942-05-30		-26.35
1942-05-16		-26.32
1942-05-02		-26.34
1942-04-18		-26.34
1942-04-04		-26.36
1942-03-21		-26.42
1942-03-07		-26.42
1942-02-21		-26.43
1942-02-07		-26.45
1942-01-24		-26.51
1942-01-10		-26.61
1941-12-27		-26.72
1941-12-13		-26.78
1941-11-29		-26.81
1941-11-15		-26.87
1941-11-01		-26.87
1941-10-18		-26.80
1941-10-04		-26.68
1941-09-13		-26.45
1941-08-30		-26.35
1941-08-16		-26.22
1941-08-02		-26.13
1941-07-19		-26.07
1941-07-05		-26.01
1941-06-21		-25.85
1941-06-07		-25.75
1941-05-24		-25.68
1941-05-10		-25.63
1941-04-26		-25.56
1941-04-12		-25.51
1941-03-29		-25.51
1941-03-15		-25.49
1941-03-01		-25.56
1941-02-15		-25.56
1941-02-01		-25.58
1941-01-18		-25.62
1941-01-04		-25.69
1940-12-21		-25.78
1940-12-07		-25.87
1940-11-23		-25.99
1940-11-09		-26.07
1940-10-26		-26.10
1940-10-12		-26.12
1940-09-28		-26.08
1940-09-14		-26.04

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
H30 **NNE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000828587**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404115073585601		
Monloc name:	K 656. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.687603
Longitude:	-73.9818055	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	43.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	159
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

31 **NE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000828523**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404106073584001		
Monloc name:	K 18. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6851031
Longitude:	-73.9773609	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	48.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H32
NNE **FED USGS** **USGS40000828602**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404117073590001		
Monloc name:	K 290. 1		
Monloc type:	Well		
Monloc desc:	0001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6881585
Longitude:	-73.9829167	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	39.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	104
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

33
NE **FED USGS** **USGS40000828558**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404111073584601		
Monloc name:	K 659. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6864919
Longitude:	-73.9790277	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	38.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

I34
SSW **FED USGS** **USGS40000828018**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404009073594001		
Monloc name:	K 639. 1		
Monloc type:	Well		
Monloc desc:	4001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.66927
Longitude:	-73.994028	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	176
Welldepth units:	ft	Wellholedepth:	190
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

I35
SSW **FED USGS** **USGS40000828019**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404009073594101		
Monloc name:	K 1010. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.66927
Longitude:	-73.9943059	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	181
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

J36
NNE **FED USGS** **USGS40000828620**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404119073585701		
Monloc name:	K 320. 1		
Monloc type:	Well		
Monloc desc:	5701		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6887141
Longitude:	-73.9820833	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	38.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	114
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H37
NNE **FED USGS** **USGS40000828606**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404118073585401		
Monloc name:	K 277. 1		
Monloc type:	Well		
Monloc desc:	5401		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6884363
Longitude:	-73.9812499	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	37.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	83
Welldepth units:	ft	Wellholedepth:	146
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

K38
WSW **FED USGS** **USGS40000828183**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404029074000601		
Monloc name:	K 720. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6748255
Longitude:	-74.0012505	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	103
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

J39
NNE **FED USGS** **USGS40000828627**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404120073585901		
Monloc name:	K 259. 1		
Monloc type:	Well		
Monloc desc:	5901		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6889919
Longitude:	-73.9826389	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	86
Welldepth units:	ft	Wellholedepth:	113
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

K40
WSW **FED USGS** **USGS40000828193**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404030074000701		
Monloc name:	K 1091. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6751032
Longitude:	-74.0015283	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	11.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	124
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

J41
NNE **FED USGS** **USGS40000828619**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404119073585301		
Monloc name:	K 660. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6887141
Longitude:	-73.9809722	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	125
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

42
NNE **FED USGS** **USGS40000828601**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404117073584801		
Monloc name:	K 1073. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6881585
Longitude:	-73.9795832	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	32.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	120
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

43
ENE **FED USGS** **USGS40000828443**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404054073582401		
Monloc name:	K 20. 1		
Monloc type:	Well		
Monloc desc:	2401		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6817698
Longitude:	-73.9729164	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	126
Welldepth units:	ft	Wellholedepth:	136
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

44
WNW **FED USGS** **USGS40000828452**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404055074001101		
Monloc name:	K 1192. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6820475
Longitude:	-74.0026394	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	112
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

L45
SW **FED USGS** **USGS40000828020**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404009073595301		
Monloc name:	K 2512. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.66927
Longitude:	-73.9976393	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	152
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

L46
SW **FED USGS** **USGS40000828021**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404009073595302		
Monloc name:	K 2513. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.66927
Longitude:	-73.9976393	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

47
North **FED USGS** **USGS40000828676**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404126073591601		
Monloc name:	K 261. 1		
Monloc type:	Well		
Monloc desc:	1601		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6906585
Longitude:	-73.9873612	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	95
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

48
West **FED USGS** **USGS40000828339**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404041074001401		
Monloc name:	K 703. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6781587
Longitude:	-74.0034728	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	138
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

M49
NNE **FED USGS** **USGS40000828660**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404124073585701		
Monloc name:	K 1302. 1		
Monloc type:	Well		
Monloc desc:	5701		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6901029
Longitude:	-73.9820833	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	79
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

M50
NNE **FED USGS** **USGS40000828670**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404125073590001		
Monloc name:	K 1347. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6903807
Longitude:	-73.9829167	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.3
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	71
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 344

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-03-28		3.51	1976-10-05		3.32
1976-06-28		3.03	1976-03-23		4.40
1975-12-16		4.05	1975-10-07		3.47
1975-06-30		3.84	1975-03-26		3.54
1974-12-20		3.50	1974-09-05		2.74
1974-06-26		2.38	1974-03-19		4.70
1974-01-09		3.85	1973-09-25		2.08
1973-07-09		2.88	1973-04-03		2.72
1972-12-27		2.51	1972-09-29		2.02
1972-07-10		2.70	1972-03-28		3.30
1972-01-13		2.98	1971-09-27		2.76
1971-08-08		2.83	1970-10-30		-2.06
1970-03-13		-2.83	1969-11-10		1.19
1969-09-03		0.95	1969-04-22		1.74
1968-04-23		-0.94	1967-10-20		0.80
1967-03-29		1.05	1966-10-25		0.11
1966-05-04		0.33	1965-10-27		-0.48
1965-09-14		-1.10	1965-05-04		0.87
1964-10-30		-0.90	1964-04-23		-0.46

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1963-04-26		-0.01
1961-12-28		-0.65
1960-09-15		-3.32
1956-12-20		-2.98
1954-10-27		-4.43
1954-05-27		-4.97
1954-03-30		-4.04
1954-01-28		-4.49
1953-12-02		-4.99
1953-10-02		-7.22
1953-08-03		-5.21
1953-05-25		-6.04
1953-03-25		-5.25
1953-02-11		-6.17
1952-12-05		-7.56
1952-09-22		-10.32
1952-07-23		-10.82
1952-05-27		-10.26
1952-03-24		-11.81
1952-01-29		-12.93
1951-11-28		-13.76
1951-09-27		-16.72
1951-07-26		-16.27
1951-05-29		-15.55
1951-03-27		-15.39
1951-01-30		-16.70
1950-11-28		-16.71
1950-09-27		-18.17
1950-07-27		-18.82
1950-06-05		-16.10
1950-03-29		-16.41
1950-01-26		-17.23
1949-11-28		-17.07
1949-09-28		-18.49
1949-07-28		-19.52
1949-06-01		-17.62
1949-04-04		-17.58
1949-01-26		-18.78
1948-12-14		-19.15
1948-10-04		-20.82
1948-07-26		-20.91
1948-06-02		-20.66
1948-03-26		-21.12
1948-02-03		-21.77
1947-12-16		-21.85
1947-11-19		-21.93
1947-10-14		-22.21
1947-09-30		-23.25
1947-08-27		-23.62
1947-07-30		-23.73
1947-07-16		-23.68
1947-07-02		-22.50
1947-06-30		-21.43
1947-06-20		-21.95
1947-06-06		-21.54
1962-04-26		0.83
1961-01-05		-0.38
1959-03-16		-1.20
1956-02-13		-3.28
1954-06-29		-6.16
1954-04-28		-4.27
1954-02-25		-4.11
1953-12-23		-4.83
1953-10-28		-5.71
1953-08-28		-4.81
1953-06-24		-6.16
1953-04-27		-4.73
1953-02-27		-5.78
1952-12-23		-7.17
1952-11-03		-8.40
1952-08-25		-10.77
1952-06-24		-10.67
1952-04-29		-10.64
1952-02-20		-12.57
1951-12-20		-13.71
1951-11-02		-14.24
1951-08-28		-17.51
1951-06-28		-16.09
1951-05-02		-14.47
1951-02-27		-16.08
1950-12-20		-17.07
1950-10-31		-17.18
1950-08-29		-19.58
1950-06-29		-17.48
1950-04-27		-15.42
1950-03-01		-16.92
1949-12-28		-17.27
1949-10-31		-17.65
1949-08-31		-19.80
1949-07-01		-17.80
1949-04-28		-16.76
1949-02-21		-18.35
1948-12-28		-19.12
1948-11-04		-19.58
1948-08-30		-22.10
1948-06-30		-21.66
1948-04-27		-20.64
1948-03-02		-21.45
1948-01-07		-21.93
1947-11-26		-21.97
1947-10-31		-22.00
1947-10-07		-22.35
1947-09-15		-23.13
1947-08-13		-23.62
1947-07-23		-23.26
1947-07-07		-22.48
1947-07-01		-23.24
1947-06-24		-22.02
1947-06-13		-22.27
1947-05-29		-22.27

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1947-05-23		-21.11
1947-05-10		-21.32
1947-04-26		-21.21
1947-04-12		-21.41
1947-03-29		-21.57
1947-03-15		-21.67
1947-03-01		-21.78
1947-02-15		-21.85
1947-02-01		-21.91
1947-01-18		-21.94
1947-01-04		-22.03
1946-12-21		-21.93
1946-12-07		-21.73
1946-11-23		-21.86
1946-11-09		-21.97
1946-10-26		-22.13
1946-10-12		-22.50
1946-09-30		-23.25
1946-09-16		-23.05
1946-08-19		-21.61
1946-07-08		-23.26
1946-05-27		-21.97
1946-05-13		-20.68
1946-04-29		-20.56
1946-04-15		-20.45
1946-04-01		-20.38
1946-03-18		-19.58
1946-03-04		-20.80
1946-02-18		-20.98
1946-02-04		-21.23
1946-01-21		-21.43
1946-01-07		-21.72
1945-12-24		-21.92
1945-12-10		-22.04
1945-11-26		-22.30
1945-11-12		-22.40
1945-10-29		-22.53
1945-10-15		-22.92
1945-10-01		-23.37
1945-09-17		-23.54
1945-09-04		-23.99
1945-08-20		-23.77
1945-08-06		-23.40
1945-07-23		-23.03
1945-07-07		-22.41
1945-06-23		-21.92
1945-06-09		-20.67
1945-05-26		-20.31
1945-05-12		-20.47
1945-04-28		-20.29
1945-04-14		-20.27
1945-03-31		-20.28
1945-03-17		-20.41
1945-03-03		-20.53
1945-02-19		-20.65
1945-05-17		-21.21
1945-05-03		-21.23
1945-04-19		-21.27
1945-04-05		-21.59
1945-03-22		-21.63
1945-03-08		-21.70
1945-02-22		-21.62
1945-02-08		-21.86
1945-01-25		-21.95
1945-01-11		-21.97
1944-12-28		-21.98
1944-12-14		-21.80
1944-11-30		-21.78
1944-11-16		-21.93
1944-11-02		-22.10
1944-10-19		-22.35
1944-10-05		-22.80
1944-09-23		-23.95
1944-08-30		-23.18
1944-07-30		-21.70
1944-06-10		-21.53
1944-05-20		-20.47
1944-05-06		-20.56
1944-04-22		-20.45
1944-04-08		-20.33
1944-03-25		-20.51
1944-03-11		-20.75
1944-02-25		-20.87
1944-02-11		-21.12
1944-01-28		-21.33
1944-01-14		-21.58
1943-12-31		-21.80
1943-12-17		-22.02
1943-12-03		-22.16
1943-11-19		-22.37
1943-11-05		-22.43
1943-10-22		-22.60
1943-10-08		-23.01
1943-09-24		-23.09
1943-09-10		-24.16
1943-08-27		-23.42
1943-08-13		-23.91
1943-07-30		-22.87
1943-07-16		-23.03
1943-06-30		-22.10
1943-06-16		-21.97
1943-06-02		-20.49
1943-05-19		-20.31
1943-05-05		-20.40
1943-04-21		-20.19
1943-04-07		-20.37
1943-03-24		-20.37
1943-03-10		-20.46
1943-02-24		-20.60
1943-02-10		-20.73

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-02-03		-20.83	1945-01-27		-20.87
1945-01-20		-21.05	1945-01-13		-21.20
1945-01-06		-21.31	1944-12-30		-21.41
1944-12-23		-21.53	1944-12-16		-21.59
1944-12-09		-21.72	1944-12-02		-21.80
1944-11-25		-21.85	1944-11-18		-21.96
1944-11-11		-22.00	1944-11-04		-22.02
1944-10-28		-22.20	1944-10-21		-22.14
1944-10-14		-22.19	1944-10-07		-22.24
1944-09-30		-22.43	1944-09-23		-23.36
1944-09-16		-23.51	1944-09-09		-23.72
1944-09-02		-23.55	1944-08-26		-23.63
1944-08-19		-23.36	1944-08-12		-23.18
1944-08-05		-23.07	1944-07-29		-23.13
1944-07-22		-23.10	1944-07-15		-23.04
1944-07-01		-22.18	1944-06-24		-22.26
1944-06-17		-21.84	1944-06-10		-20.44
1944-06-03		-20.83	1944-05-27		-20.07
1944-05-13		-20.08	1944-05-05		-20.33
1944-03-30		-20.46	1944-03-18		-20.54
1944-03-11		-20.55	1944-03-04		-20.67
1944-02-26		-20.63	1944-02-12		-20.79
1944-02-05		-20.90	1944-01-29		-20.92
1944-01-08		-21.19	1944-01-01		-21.33
1943-12-18		-21.51	1943-12-11		-21.65
1943-12-04		-21.53	1943-11-27		-21.67
1943-11-20		-21.73	1943-10-30		-21.96
1943-09-25		-22.41	1943-09-18		-22.81
1943-09-11		-23.37	1943-09-04		-23.29
1943-08-28		-22.93	1943-08-21		-22.92
1943-08-14		-22.93	1943-08-07		-23.09
1943-07-31		-23.43	1943-07-23		-23.23
1943-07-17		-22.90	1943-07-09		-22.37
1943-07-03		-22.61	1943-06-26		-22.09
1943-06-19		-22.44	1943-06-12		-20.81
1943-06-05		-21.50	1943-05-29		-20.42
1943-05-22		-20.69	1943-05-15		-20.30
1943-05-08		-20.09	1943-05-01		-20.16
1943-04-24		-19.92	1943-04-17		-19.98
1943-04-10		-20.02	1943-04-03		-20.07
1943-03-27		-20.18	1943-03-20		-20.38
1943-02-20		-20.64	1943-01-22		-21.02
1942-12-22		-21.21	1942-10-15		-21.92

N51
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828254**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404032074001401		
Monloc name:	K 1069. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6756588
Longitude:	-74.0034728	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	11.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 55

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-03-13		1.31	1979-12-18		2.00
1979-09-17		1.80	1979-06-28		2.50
1979-03-26		1.89	1978-12-22		1.49
1978-10-02		1.88	1978-06-23		2.80
1978-04-04		2.97	1978-01-03		2.73
1977-10-13		2.65	1977-07-07		2.34
1977-03-28		1.43	1976-12-22		1.84
1976-09-23		2.10	1976-06-28		2.40
1976-03-23		2.35	1975-12-30		2.33
1975-10-08		2.57	1975-06-30		2.29
1975-03-26		2.27	1974-12-20		2.38
1974-09-05		2.44	1973-10-02		2.57
1973-07-09		0.23	1973-04-03		0.56
1972-12-27		1.07	1972-10-03		0.50
1972-07-11		0.30	1972-03-28		0.90
1972-01-13		1.86	1971-09-27		2.81
1971-03-08		2.01	1970-10-30		1.94
1970-03-13		1.75	1969-11-10		0.99
1969-09-03		1.05	1968-11-06		1.43
1968-04-23		1.43	1967-10-23		1.46
1967-03-29		1.61	1966-10-25		-0.78
1966-05-04		1.46	1965-10-27		1.59
1965-09-14		1.72	1965-05-04		1.88
1964-11-02		1.28	1964-04-23		1.32
1963-04-25		1.75	1961-12-28		1.76
1960-09-09		0.73	1960-01-11		0.82
1954-12-17		0.06	1953-12-23		-0.11
1953-01-15		-0.34			

N52
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828200**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404031074001501		
Monloc name:	K 700. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.675381
Longitude:	-74.0037506	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	116
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

53
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000827905**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-403957073592301		
Monloc name:	K 907. 1		
Monloc type:	Well		
Monloc desc:	2301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6659368
Longitude:	-73.9893057	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

54
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828661**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404124073594701		
Monloc name:	K 1365. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6901029
Longitude:	-73.9959726	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	103
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1969-04-23		-1.43	1968-04-23		-1.32
1967-10-23		0.46	1967-03-29		0.07
1966-10-25		0.04	1966-05-04		-0.80
1965-10-27		-1.16	1965-09-14		-1.01
1965-05-04		-0.28	1964-11-02		-0.78
1964-04-23		0.05	1963-04-25		0.02
1962-04-26		0.58	1961-12-27		-0.10
1961-01-05		-0.73	1960-01-11		-1.61
1959-03-11		-4.72	1954-12-17		-4.06
1953-12-23		-4.32	1953-01-13		-5.29
1951-01-02		-4.66	1950-12-12		-11.26
1950-03-24		-10.77	1950-02-28		-11.14

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D

EDR SANBORN MAPS

President Street/Union Street/Nevins Street
President Street, Union Street, Nevins Street
Brooklyn, NY 11215

Inquiry Number: 3933605.3
May 06, 2014

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

5/06/14

Site Name:
President Street/Union
President Street, Union Street,
Brooklyn, NY 11215

Client Name:
Carlin Simpson and Associates
61-67 Main Street
Sayreville, NJ 08872

EDR Inquiry # 3933605.3

Contact: Meredith Anke

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Carlin Simpson and Associates were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: President Street/Union Street/Nevins Street
Address: President Street, Union Street, Nevins Street
City, State, Zip: Brooklyn, NY 11215
Cross Street:
P.O. # 14-77
Project: 14-77
Certification # C478-4CB9-B7CF

Maps Provided:

2007	2001	1988	1979	1922
2006	1996	1987	1977	1915
2005	1995	1986	1969	1904
2004	1993	1982	1950	1886
2003	1992	1981	1938	
2002	1991	1980	1928	

Sanborn® Library search results
Certification # C478-4CB9-B7CF

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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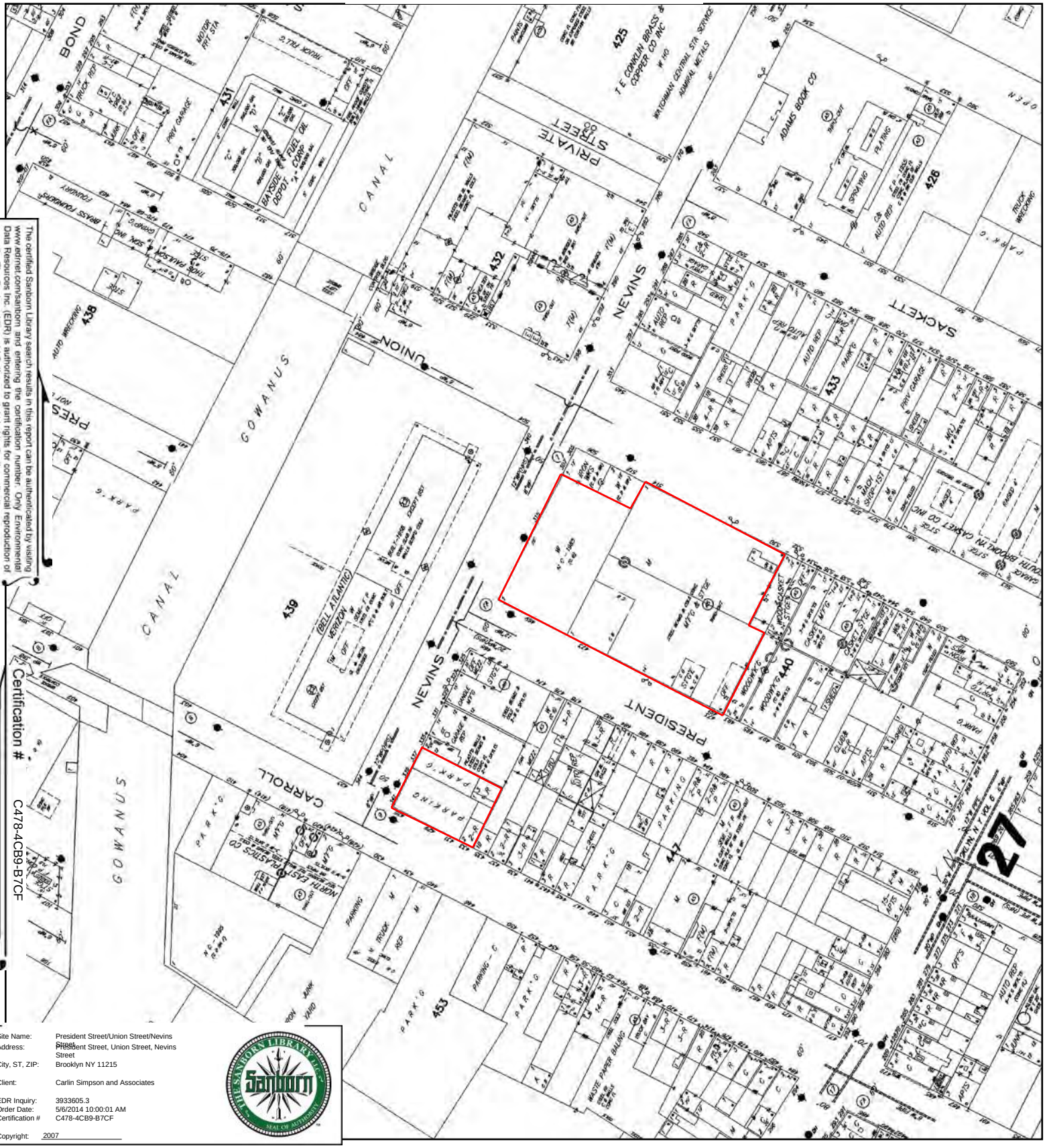
2007 Certified Sanborn Map



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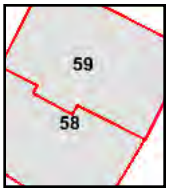
Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	2007

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





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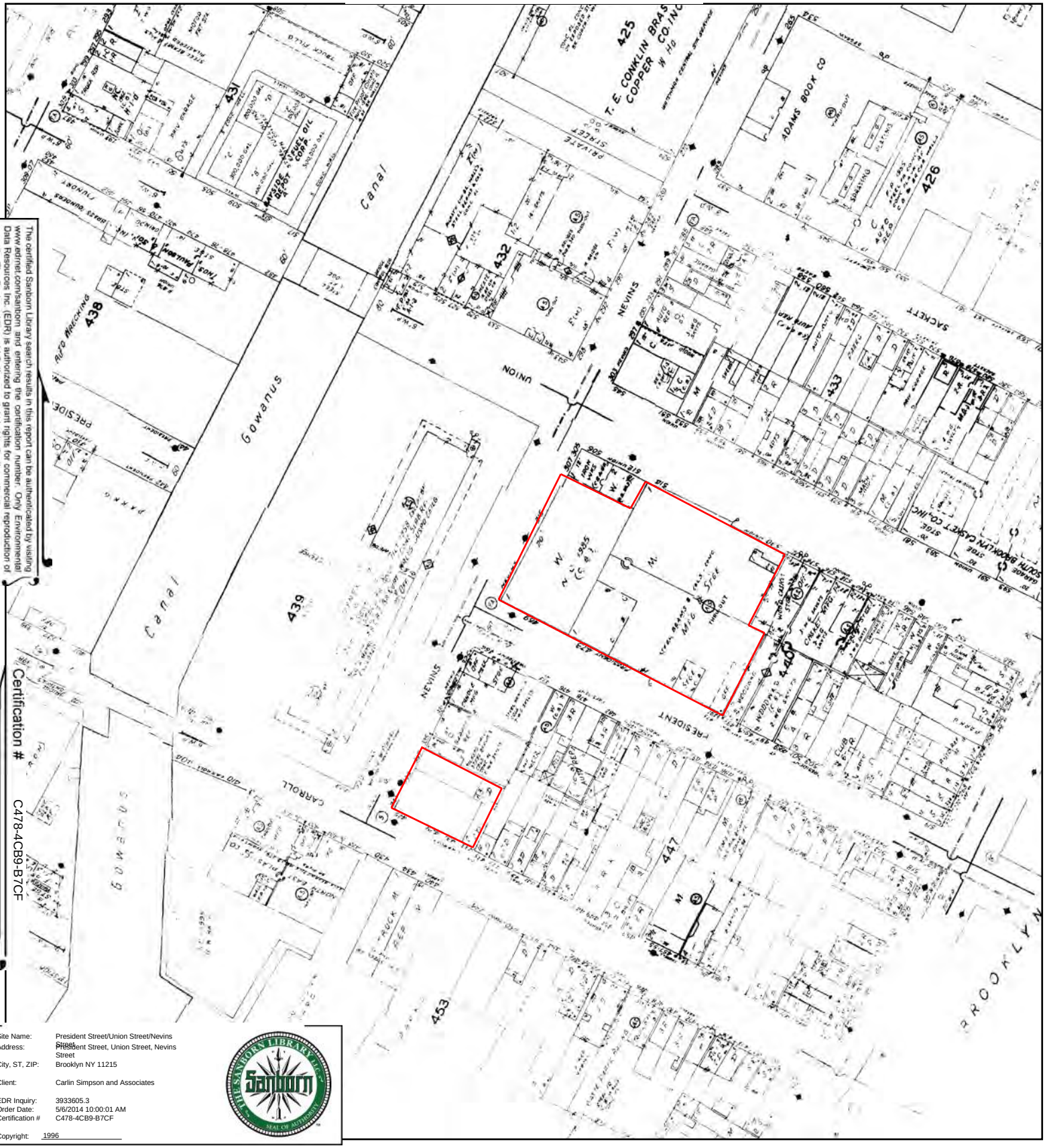
N

1996 Certified Sanborn Map



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Certification # C478-4CB9-B7CF

Site Name: President Street/Union Street/Nevins Street
Address: President Street, Union Street, Nevins Street
City, ST, ZIP: Brooklyn NY 11215

Client: Carlin Simpson and Associates

EDR Inquiry: 3933605.3
Order Date: 5/6/2014 10:00:01 AM
Certification # C478-4CB9-B7CF

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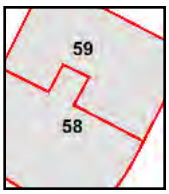

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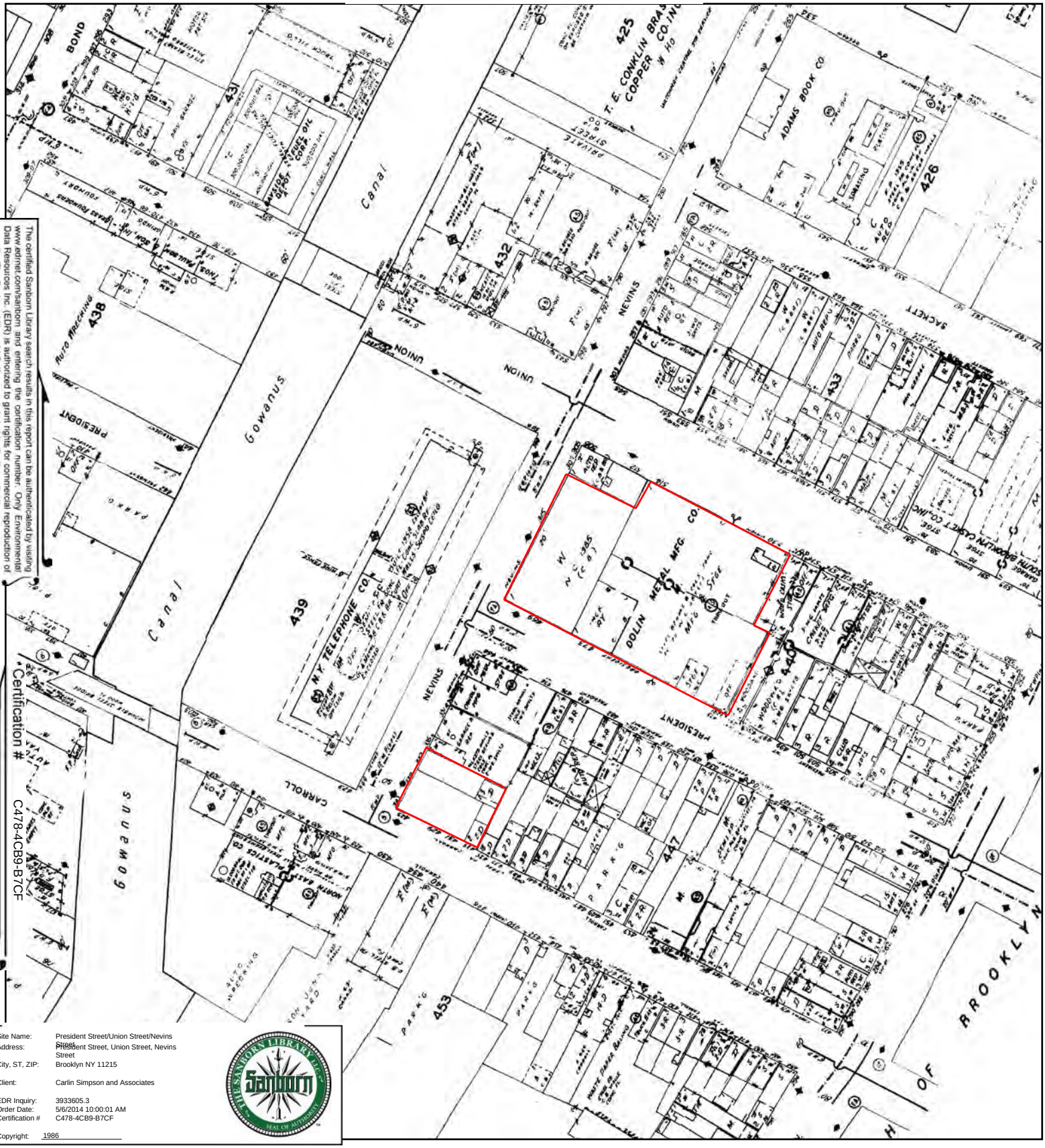
0 Feet 150 300 600

N

1986 Certified Sanborn Map



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Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1986

This Certified Sanborn Map combines the following sheets.
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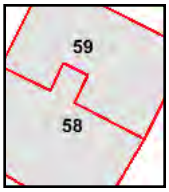

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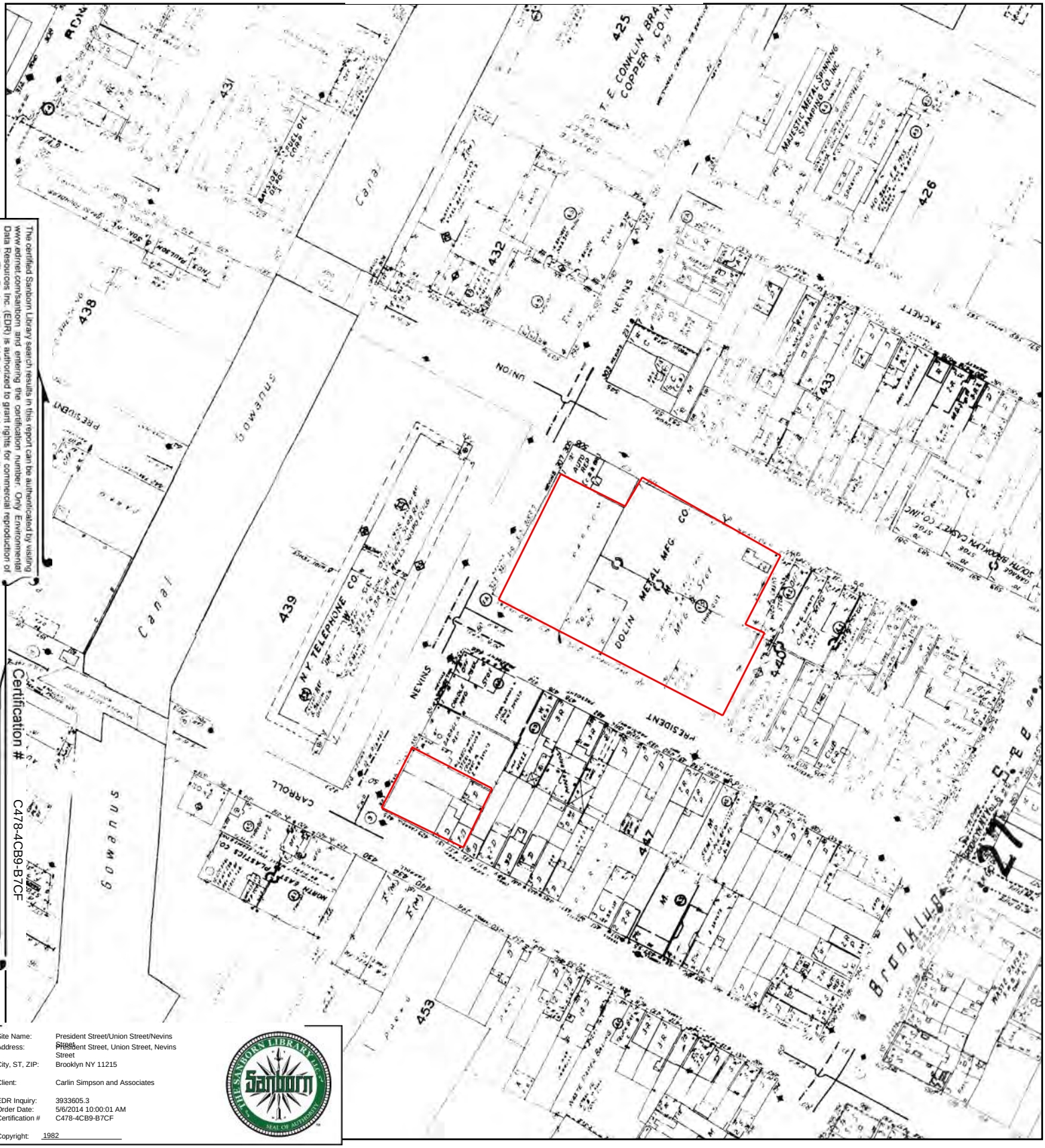
0 Feet 150 300 600

N

1982 Certified Sanborn Map



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Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1982

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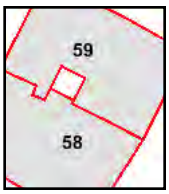

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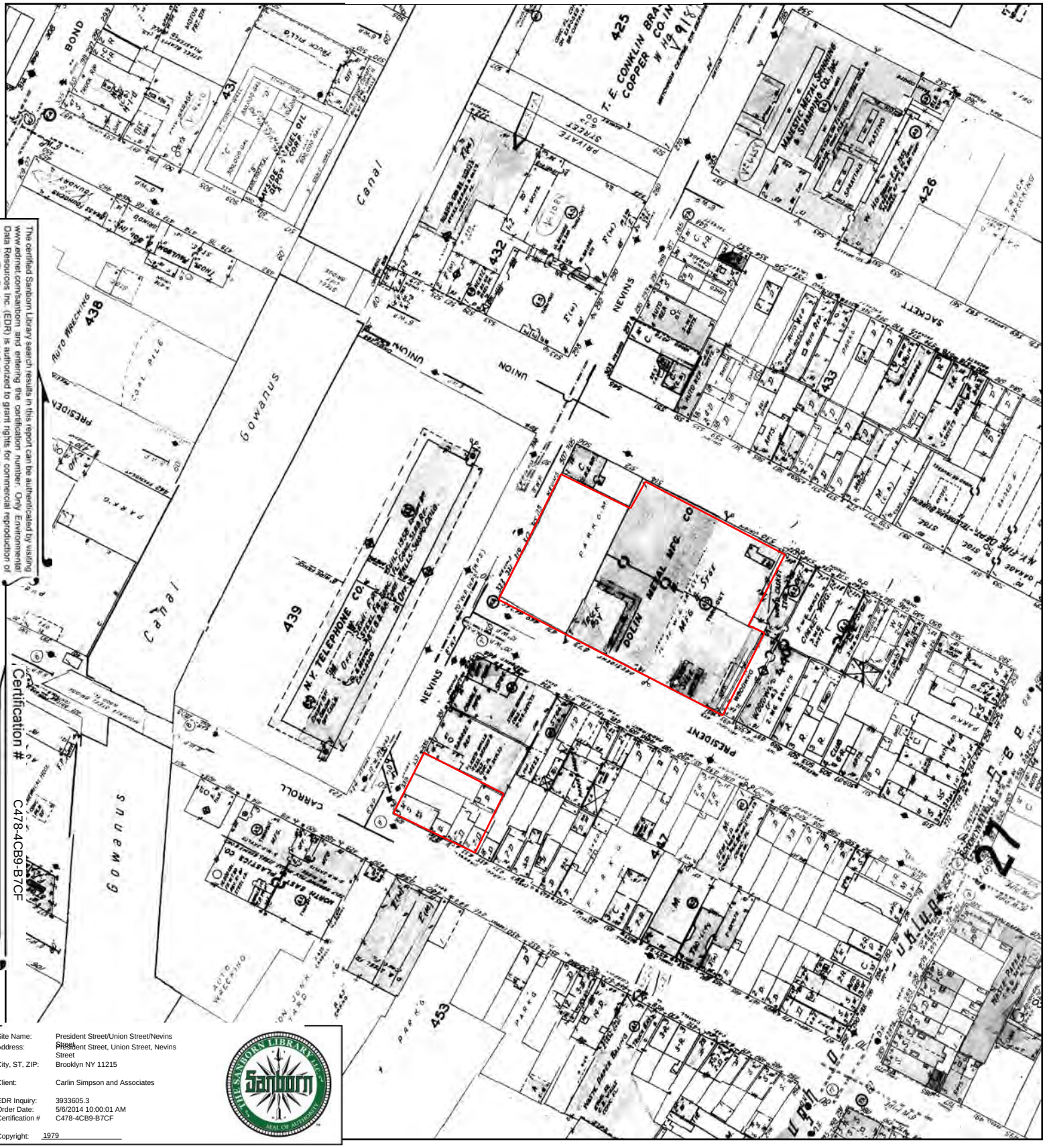
0 Feet 150 300 600

N

1979 Certified Sanborn Map



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Certification # C478-4CB9-B7CF

Site Name: President Street/Union Street/Nevins Street
Address: President Street, Union Street, Nevins Street
City, ST, ZIP: Brooklyn NY 11215

Client: Carlin Simpson and Associates

EDR Inquiry: 3933605.3
Order Date: 5/6/2014 10:00:01 AM
Certification # C478-4CB9-B7CF

Copyright: 1979

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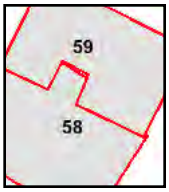
0 Feet 150 300 600





Volume 1, Sheet 59
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N

1969 Certified Sanborn Map



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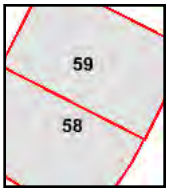
Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1969

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



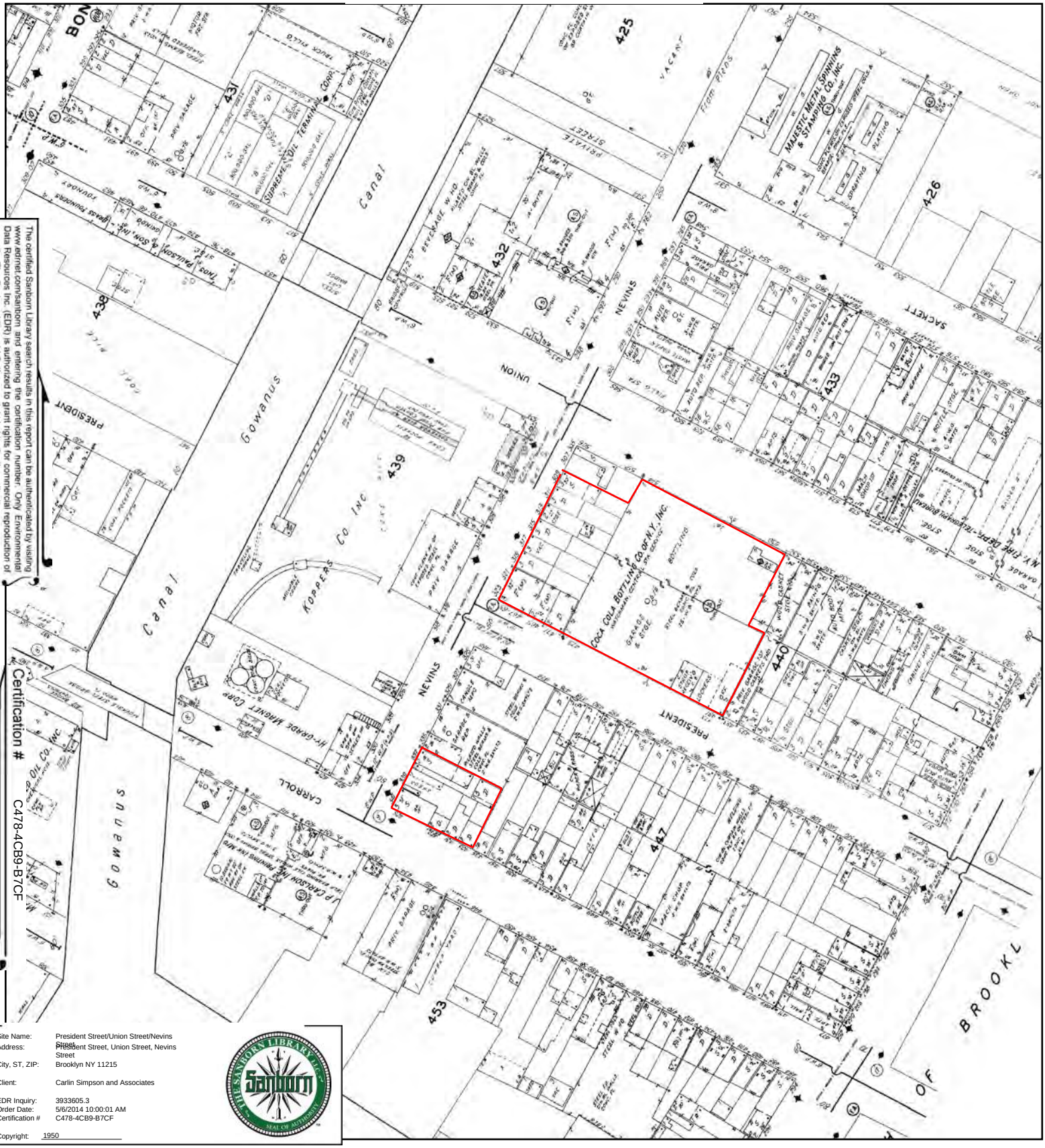


Volume 1, Sheet 58
Volume 1, Sheet 59

0 Feet 150 300 600

N

1950 Certified Sanborn Map



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 1, Sheet 59
Volume 1, Sheet 58

N

1938 Certified Sanborn Map



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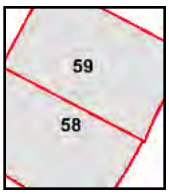
Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1938

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 59
Volume 1, Sheet 58

0 Feet 150 300 600

N

1915 Certified Sanborn Map



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Certification # C478-4CB9-B7CF

Site Name:	President Street/Union Street/Nevins Street
Address:	President Street, Union Street, Nevins Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Carlin Simpson and Associates
EDR Inquiry:	3933605.3
Order Date:	5/6/2014 10:00:01 AM
Certification #	C478-4CB9-B7CF
Copyright:	1915

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

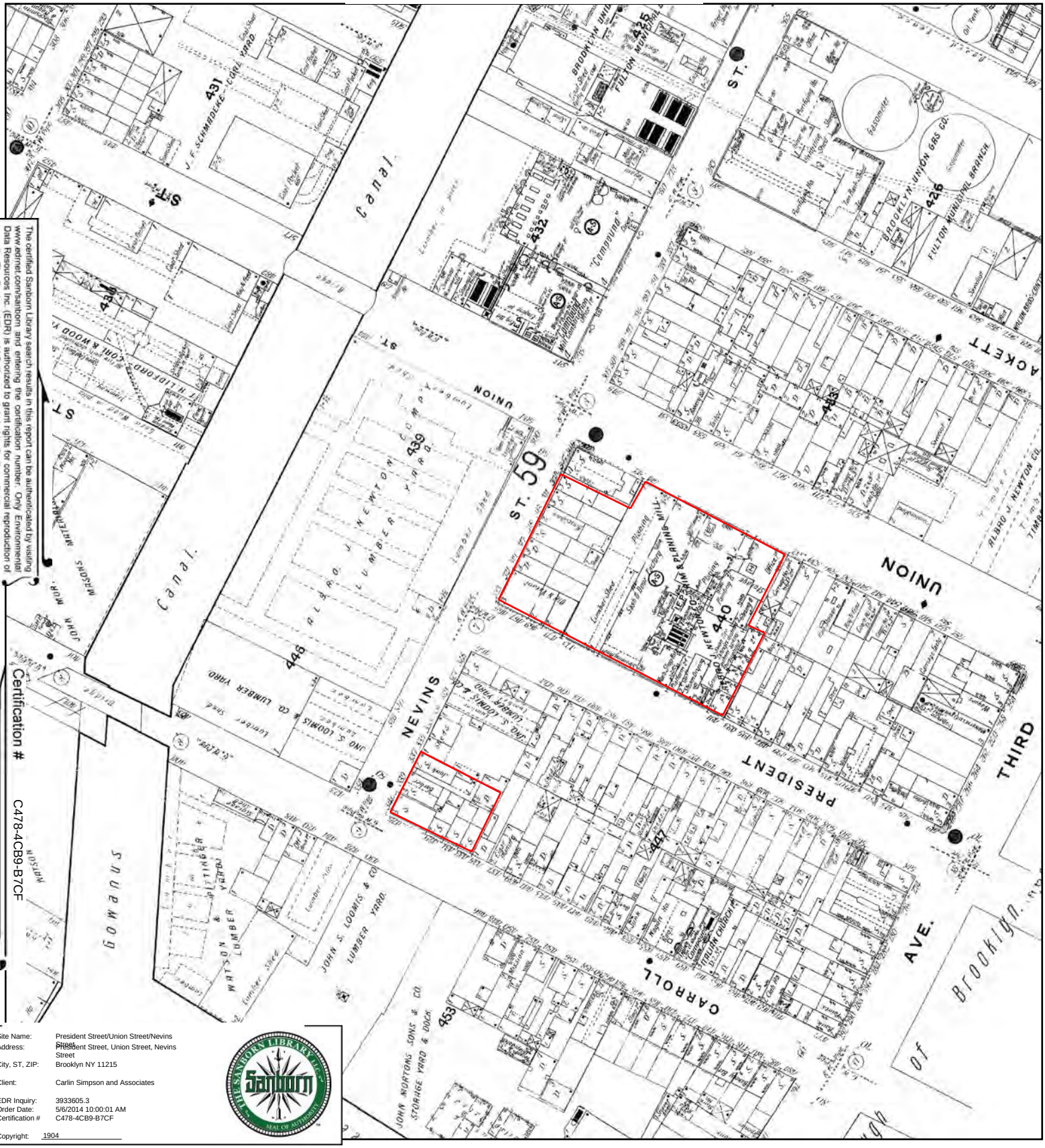




Volume 1, Sheet 58
Volume 1, Sheet 59

N

1904 Certified Sanborn Map


Canal
ST.
UNION
NEVINS
THIRD
PRESIDENT
CARROLL
AVE.
HOWARD
Brooklyn
ST. 59
439
440
446
447
453
431
432
425
426
433
JOHN S. LOOMIS & CO. LUMBER YARD
WATSON LUMBER YARD
JOHN MORTONS SONS & CO. STORAGE YARD & DOCK
BROOKLYN UNION GAS CO.
FULTON MUNICIPAL BRANCH
Gasometer
Oil Tank
Tompkins Park
Engine House
Fire Engine Co. 59
Lumber Shed
Lumber Yard
Planing Mill
Stock & Store Rooms
Office
Engine Room
Boiler Room
Machine Shop
Tinplate Workers
Tinplate Warehouse
Tinplate Storage
Tinplate Shop
Tinplate Annex
Tinplate Office
Tinplate Engine Room
Tinplate Boiler Room
Tinplate Machine Shop

1886 Certified Sanborn Map



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # C478-4CB9-B7CF

Site Name: President Street/Union Street/Nevins Street
Address: President Street, Union Street, Nevins Street
City, ST, ZIP: Brooklyn NY 11215

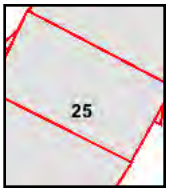
Client: Carlin Simpson and Associates

EDR Inquiry: 3933605.3
Order Date: 5/6/2014 10:00:01 AM
Certification # C478-4CB9-B7CF

Copyright: 1886

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 25
Volume 1, Sheet 25
Volume 1, Sheet 25

0 Feet 150 300 600

N

APPENDIX E

EDR ENVIRONMENTAL LIEN REPORT

President Street/Union Street/Nevins Street
President Street, Union Street, Nevins Street
Brooklyn, NY 11215

Inquiry Number: 3933605.7
May 07, 2014

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

Disclaimer - Copyright and Trademark Notice

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

President Street, Union Street, Nevins Street
President Street/Union Street/Nevins Street
Brooklyn, NY 11215

RESEARCH SOURCE

Source 1:

Kings Recorder
Kings, NY

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	473 President Street Co. LLC
Title received from:	James & Lita Ribellino
Deed Dated	12/30/1999
Deed Recorded:	3/1/2000
Book:	4787
Page:	2394
Volume:	NA
Instrument:	NA
Docket:	NA
Land Record Comments:	See Exhibit
Miscellaneous Comments:	NA
Legal Description:	See Exhibit
Legal Current Owner:	473 President Street Co. LLC
Parcel # / Property Identifier:	Blk. 440 / Lot 12
Comments:	See Exhibit

Deed 2:

Type of Deed:	Deed
Title is vested in:	469 President Street Co. LLC
Title received from:	James & Lita Ribellino
Deed Dated	12/30/1999
Deed Recorded:	3/1/2000
Book:	4787
Page:	2391
Volume:	NA
Instrument:	NA
Docket:	NA
Land Record Comments:	

EDR Environmental Lien and AUL Search

	See Exhibit
Miscellaneous Comments:	NA
Legal Description:	See Exhibit
Legal Current Owner:	469 President Street Co. LLC
Parcel # / Property Identifier:	Blk. 440 / Lot 1
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

REEL U 787PG 2396

ORT022

ORT022
Bargain & sale deed, with covenant against grantor's acts - Ind. or Corp.; single sheet

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made on the 30th day of December, nineteen hundred and ninety-nine

BETWEEN JAMES V. RIBELLINO, JR. and LITA RIBELLINO, residing at 4 Continental Court, Marlboro, New Jersey 07746

party of the first part, and 473 PRESIDENT STREET COMPANY, LLC, with an address at c/o Associates Management Corp., 624 Court Street, Brooklyn, New York 11231

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northerly side of President Street, distant 80 feet easterly from the corner formed by the intersection of the northerly side of President Street and the easterly side of Nevins Street;

RUNNING THENCE easterly along the northerly side of President Street, 200 feet;

THENCE northerly parallel with the easterly side of Nevins Street, 100 feet;

THENCE westerly parallel with the northerly side of President Street 20 feet 6 inches;

THENCE northerly parallel with the easterly side of Nevins Street and part of the distance through a party wall, 90 feet to the southerly side of Union Street;

THENCE westerly along the southerly side of Union Street, 179 feet 6 inches;

THENCE southerly parallel with the easterly side of Nevins Street, 190 feet to the northerly side of President Street, the point or place of BEGINNING.

Said premises are, however, subject to a certain consolidated first mortgage in favor of Fleet Bank, N.A.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:
Vanessa Hurst

JAMES RIBELLINO, JR.

LITA RIBELLINO

25x

REEL 4787PG2395

ACKNOWLEDGEMENT IN NEW YORK STATE (RPL 309-a)

State of New York, County of New York ss.:

On December 30, 1999 before me, the undersigned, personally appeared James V. Ribellino, Jr.

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Christopher L. Chin
(signature and office of individual taking acknowledgement)
CHRISTOPHER L. CHIN
NOTARY PUBLIC, State of New York
No. 02-4817204
Qualified in Rockland County
Commission Expires December 07, 2001

ACKNOWLEDGEMENT IN NEW YORK STATE (RPL 309-a)

State of New York, County of New York ss.:

On December 30, 1999 before me, the undersigned, personally appeared Lita R. Ribellino

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (~~are~~) subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ capacity(~~ies~~), and that by ~~his/her/their~~ signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Christopher L. Chin
(signature and office of individual taking acknowledgement)
CHRISTOPHER L. CHIN
NOTARY PUBLIC, State of New York
No. 02-4817204
Qualified in Rockland County
Commission Expires December 07, 2001

ACKNOWLEDGEMENT OUTSIDE NEW YORK STATE (RPL 309-b)

State of County of ss.:

On before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in

(insert city or political subdivision and state or county or other place acknowledgement taken)

(signature and office of individual taking acknowledgement)

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

JAMES RIBELLINO, JR. and
LITA RIBELLINO

TO
473 PRESIDENT STREET COMPANY, LLC

SECTION 2
BLOCK 440
LOT 12
COUNTY OR TOWN Kings

RETURN BY MAIL TO:

Charles A. Damato, Esq.
61 Broadway, 18th Floor
New York, NY

Zip No. 10006

Reserve this space for use of Recording Office.

25 x

CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- KINGS COUNTY -
(This page forms part of the instrument)

022322

ALL 4 L78 PG 2396

WRITE BLOCK & LOT INFORMATION IN BLOCK/LOT FORMAT. IF ONLY PART OF LOT, WRITE P/O BEFORE LOT NUMBER.

Block/Lot(s): 40 / 12

PREMISES: 473 Iresident St.

Title/Agent Company Name: Dome Abstract Corp.

Title Company Number: Ccsy 00-3

TOTAL NUMBER OF PAGES IN DOCUMENT INCLUDING THIS PAGE: 3

RECORD & RETURN TO:

NAME: Charles A. Damato, Esq.

ADDRESS: 61 Broadway- 13th Floor

CITY: New York STATE: N.Y. ZIP: 10006

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓):

Mtge Tax Serial No.:

Mtge Amount: $

Taxable Amount: $

Exemption (✓): YES ☐ NO ☐

Type: [1 or 2] [2SS] [OTHER]

Dwelling Type: [1 to 2] [3] [4 to 6] [over 6]

TAX RECEIVED ON ABOVE MORTGAGE

County (basic)	$
City (Addtl)	$
Spec Addtl	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Jay A. Sabrow, City Register

City Register Serial Number: 034136

Indexed By (✓):

Verified By (✓):

Block(s) and Lot(s) verified by (✓):

Address ☐ Tax Map ☐

Extra Block(s): Lot(s):

Recording Fee A	$ 31
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$
RPTT Fee (R)	$ 21
HPD-A ☒	HPD-C ☐

New York State Real Estate Transfer Tax

$ 0

Serial Number: 017592

New York City Real Property Transfer Tax Serial Number: 05962

New York State Gains Tax Serial Number:

DEED 0737 32.00

2000 Mar -1 A 11:05

LD/TL CSHR RECPT DATE TIME
3-2 1 44031 Mar 1-00 13:52

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER

2000 Mar - 1 A 11:05

Witness My Hand and Official Seal

Jay A. Sabrow
City Register

CRGFMBRN 8PG 12/98

(4)

25×

Deed Exhibit 2

REEL B 7 8 7PG 2 3 9 1

ORT022

ORT022
Bargain & sale deed, with covenant against grantor's acts - Ind. or Corp.; single sheet

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made on the 30th day of December, nineteen hundred and ninety-nine

BETWEEN JAMES V. RIBELLINO, JR. and LITA RIBELLINO, his wife, 4 Continental Court, Marlboro, New Jersey 07746

party of the first part, and 469 President Street Company, LLC, c/o Associates Management Corp., 624 Court Street, Brooklyn, New York, 11231

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Nevins Street with the northerly side of President Street; RUNNING THENCE northerly, along the easterly side of Nevins Street, 160 feet; thence easterly and parallel with the northerly side of President Street, 80 feet; thence southerly and parallel with the easterly side of Nevins Street, 160 feet to the northerly side of President Street; thence westerly, along the northerly side of President Street, 80 feet to the corner aforementioned, the point or place of Beginning.

Said premises are, however, subject to a certain consolidated first mortgage in favor of Fleet Bank, N.A.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:
Vanessa Hunt

JAMES V. RIBELLINO, JR.

LITA RIBELLINO

25

ACKNOWLEDGEMENT IN NEW YORK STATE (RPL 309-a)

State of New York, County of New York **ss.:**

On December 30, 1999 before me, the undersigned, personally appeared James Ribellino, Jr.

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(~~s~~) whose name(~~s~~) is (~~are~~) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ capacity(~~ies~~), and that by his/~~her/their signature(s)~~ on the instrument, the individual(~~s~~), or the person upon behalf of which the individual(~~s~~) acted, executed the instrument.

[signature]
(signature and office of individual taking acknowledgment)
No. 02-4917204
Qualified in Rockland County
Commission Expires December 07, 2001

ACKNOWLEDGEMENT IN NEW YORK STATE (RPL 309-a)

State of New York, County of New York **ss.:**

On December 30, 1999 before me, the undersigned, personally appeared Lita Ribellino

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(~~s~~) whose name(~~s~~) is (~~are~~) subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ capacity(~~ies~~), and that by ~~his/her/their~~ signature(~~s~~) on the instrument, the individual(~~s~~), or the person upon behalf of which the individual(~~s~~) acted, executed the instrument.

[signature]
(signature and office of individual taking acknowledgment)

CHRISTOPHER L. CHIN
NOTARY PUBLIC, State of New York
No. 02-4917204
Qualified in Rockland County
Commission Expires December 07, 2001

ACKNOWLEDGEMENT OUTSIDE NEW YORK STATE (RPL 309-b)

State of **County of** **ss.:**

On before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in

(insert city or political subdivision and state or county or other place acknowledgement taken)

(signature and office of individual taking acknowledgement)

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

JAMES RIBELLINO, JR. and
LITA RIBELLINO, his wife

TO

469 PRESIDENT STREET COMPANY, LLC

SECTION 2
BLOCK 440
LOT 1
COUNTY OR TOWN Kings

RETURN BY MAIL TO:

Charles A. Damato, Esq.
61 Broadway, 18th Floor
New York, NY

Zip No. 10006

Reserve this space for use of Recording Office.

25

022322

CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- KINGS COUNTY -
(This page forms part of the instrument)

WRITE BLOCK & LOT INFORMATION IN BLOCK/LOT FORMAT. IF ONLY PART OF LOT, WRITE P/O BEFORE LOT NUMBER.

Block/Lot(s): 440 / 1

PREMISES: 439 President St.

Title/Agent Company Name: Home Abstract Corp.

Title Company Number: Citsy 00-3

TOTAL NUMBER OF PAGES IN DOCUMENT INCLUDING THIS PAGE: 3

RECORD & RETURN TO:

NAME: Charles A. Dunato, Esq.

ADDRESS: 61 Broadway- 13th Floor

CITY: New York STATE: N.Y. ZIP: 10006

RESERVED FOR RECORDING INFORMATION

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓): L Tola

Mtge Tax Serial No..	
Mtge Amount	$
Taxable Amount	$
Exemption (✓) YES ☐ NO ☐	
Type: [33988] [258] OTHER	
Dwelling Type: [1 to 2] [3] [4 to 6] [over 6]	

TAX RECEIVED ON ABOVE MORTGAGE

County (basic)	$
City (Addl)	$
Spec Addl	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Boccaw, City Register

City Register Serial Number: 034135

Indexed By (✓): 034135 By (✓):

Block(s) and Lot(s) verified by (✓):

Address ☐ Tax Map ☐

Extra Block(s) _____ Lot(s) _____

Recording Fee	$ 32
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$
RPTT Fee (R)	$ 25
HPD-A ☒	HPD-C ☐

New York State Real Estate Transfer Tax

$ 0

Serial Number: 017591

New York City Real Property Transfer Tax Serial Number: 15961

New York State Gains Tax Serial Number:

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER
2000 Mar-1 A 11:05

DEED 0733 32.00

L/T/L 3-2 CSHR RECPT 1 44031 DATE Mar 1-00 TIME 13:52

Witness My Hand and Official Seal

City Register

CRGF/M88K BPG 12/96

(5)

0

25 x

APPENDIX F

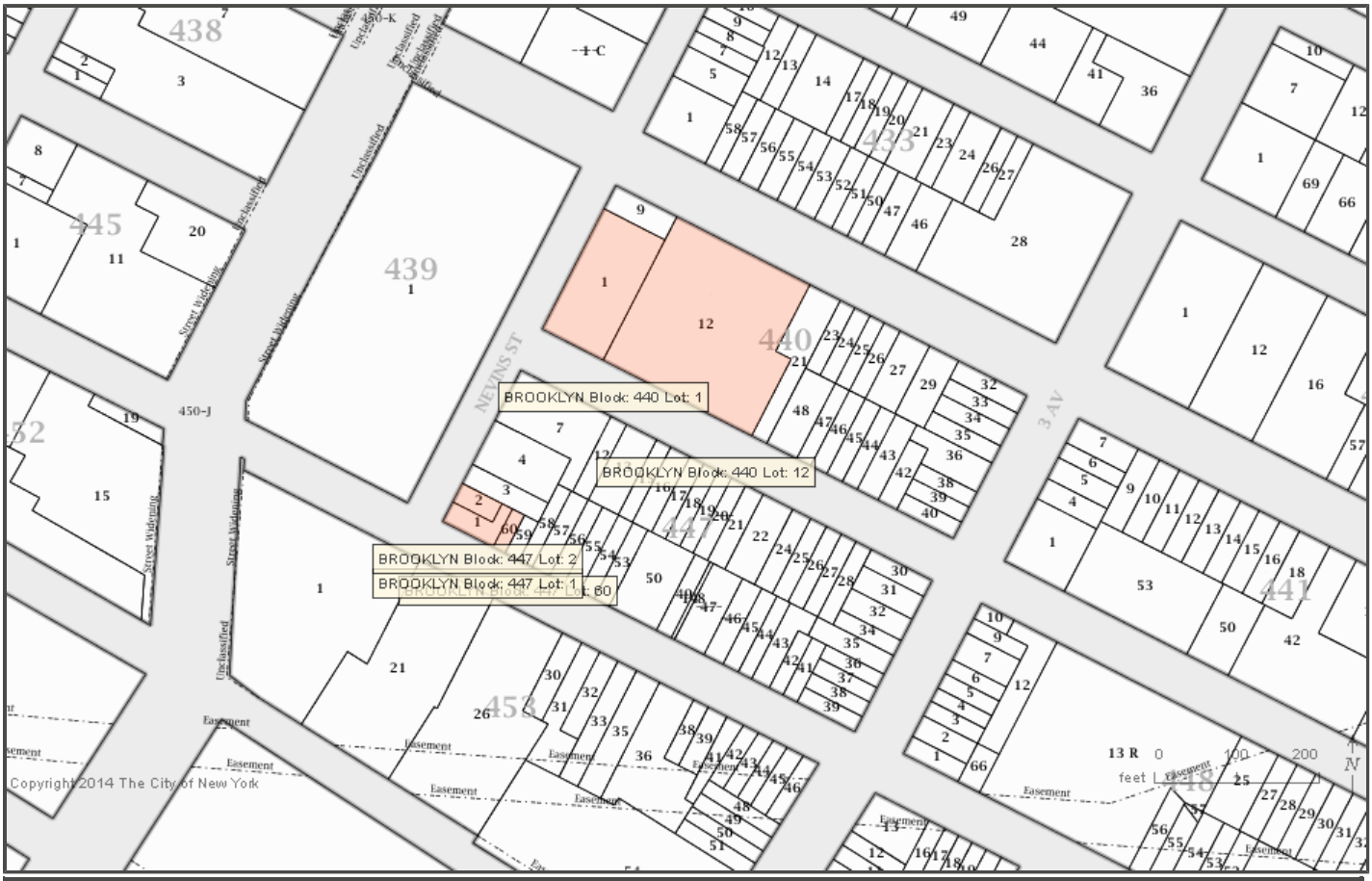
REFERENCES AND FILE REVIEW INFORMATION

SOURCE	RECORDS – REQUIRED BY ASTM
EDR	USEPA National Priorities List
EDR	USEPA CERCLIS List
EDR	USEPA RCRA Information System • Treatment, Storage & Disposal Facility • Corrective Action Sites • Large Quantity Generators • Small Quantity Generators
EDR	USEPA Emergency Response Notification System
EDR	NYSDEC • Underground Storage Tanks • Leaking Underground Storage Tanks (LUST) • Known Contaminated LUST Sites • Solid Waste Facilities • Hazardous Waste Sites
SOURCE	**RECORDS – SUPPLEMENTAL TO ASTM**
EDR	USEPA Superfund (CERCLA) Consent Decrees
EDR	USEPA Delisted NPL Sites
EDR	USEPA Facility Index System
EDR	USEPA Hazardous Management Information Reporting System
EDR	USEPA Materials Licensing Tracking System
EDR	USEPA No Further Remedial Action Planned Sites List
EDR	USEPA Federal Superfund Liens
EDR	USEPA PCB Activity Database System
EDR	USEPA RCRA Administrative Action Tracking System
EDR	USEPA Records of Decision
EDR	USEPA Toxic Chemical Release Inventory System
EDR	USEPA Toxic Substance Control Act
EDR	New York Voluntary Cleanup Program Sites
EDR	New York Hazardous Substance Waste Disposal Site Inventory
EDR	New York Petroleum Bulk Storage (UST, AST)
EDR	New York Spills
State of New York	Department of Environmental Conservation (NYSDEC)
New York City	Department of Health & Mental Hygiene
New York City	City Register – Division of Land Records
New York City	Department of Buildings
New York City	Finance Department
New York City	Department of City Planning
EDR/USGS	Topographic Maps
EDR/USGS	Aerial Photographs
EDR	Sanborn Maps

EDR	Environmental Data Resources, Inc.
USEPA	United States Environmental Protection Agency
NYSDEC	New York State Department of Environmental Conservation
USGS	United States Geologic Survey

Tax Map Plan - 7/22/2014

[Digital Tax Map - New York City Dept. of Finance]



Borough Boundary	Condo Flag/Condo Nunber
Tax Block Boundary	Air Right Flag/Lot Number
Tax Block Number	Subterranean Right Flag/Lot Number
Tax Lot Boundary	REUC Flag
Tax Lot Number	Under Water Tax Lot Boundary
Condo FKA Tax Lot Number	Other Boundary
Tax Lot Dimension	Possession Hook
Approximate Tax Lot Dimension	Miscelaneous Text
Condo Units Range Label	Small Tax Lot Dimension
Building Footprint	Surface Water



 # NOTE: STREETS FOR THE DOWNTOWN BROOKLYN STREET MAP CHANGES (C 030514MMK - C 030516MMK) ARE SHOWN ON THIS MAP PRIOR TO BECOMING EFFECTIVE IN ORDER TO LOCATE ZONING DISTRICT BOUNDARIES.

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

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

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

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

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

*09-24-2013 C 130213 ZMK
06-17-2013 C 130116 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas on this map, see APPENDIX F.

MAP KEY

N

12b	12d	13b
16a	**16c**	17a
16b	16d	17b

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ZONING MAP **16c**

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

ABRA CONSULTING & CONTRACTING, INC.

233 Nevins Street • Brooklyn • New York 11217

Tel: (718) 624-7490 Fax: (718) 858-4268 • E-mail: Abra@con2.com • LICENSED: NY • NJ • CT • PA

September 27, 2001

New York City Fire Department
Bureau of Fire Prevention
9 Metrotech Center
Brooklyn, NY 11201
Attn.: District Office Headquarters

Re: 473 President Street
Brooklyn, NY

CERTIFICATE OF AFFIDAVIT

Robert A. Abramo being duly sworn, says, that on September 25, 2001 **Omega-Abra Engineering LLC** supervised the PERMENANT ABANDONMENT of (1), 3500 **gallon** Underground Heating Oil Tank in compliance with Title 3 RCNY @ 21-02.

- The tank was abandoned in a legal manner-pumped out, squeegee cleaned, and filled with sand.
- All lines, interconnected were internally plugged and/or capped. The fill line has been cemented. The vent line has been removed.

- This affidavit is issued to attest the proper **ENVIRONMENTAL ABANDONMENT PROCEDURE** by a LICENSED New York City Fire Department Underground Tank Installer. License number: 63435564. Expiration Date 12/03/2001

Robert A. Abramo
#63435564

State of New York

County of Kings

SWORN BEFORE THIS 13rd DAY OF October 2001

NOTARY PUBLIC Isaac J Mungra

Isaac J Mungra
Notary Public, State of New York
No. 01MU6022839
Qualified in Queens County
Commission Expires April 05 2003

Affidavit of abandonment.sue.



SAFETY FIRST

Environment Construction, Site Remediation & Tank Services
New York City Fire Department Certified Tank Installer

May 20 14 02:26p Jim Ribellino 7327415392 p.2

Petroleum Tank Cleaners, Inc.
236 BUTLER STREET, BROOKLYN, N. Y. 11217
TELEPHONE: (718) 624-4842 • FAX: (718) 858-4268

Dimension Mechanical Corp.
332 Douglas Street
Brooklyn, NY 11217

Re: 473 President Street - Brooklyn
Capacity: 3500 gallons # 2 Fuel

GAS FREE CERTIFICATE

On September 25, 2001 we examined the above storage tanks to determine the presence of combustible matter.

The examination was performed using a LEL Gas Detector Meter, Model #500/501.

Readings in the tanks indicated the absence of any combustible matter and noxious gases.

PHYSICAL AND ATMOSPHERIC CHANGES WILL AFFECT THE GAS FREE CONDITION OF ABOVE SPACE, IN CASE OF DOUBT, IMMEDIATELY STOP ALL WORK AND CONTACT THE UNDERSIGNED.

Charles Lara

Charles Lara
Secretary

File#473President.gfc

May 16, 2014

FOIL: R2-14-1254

Meredith R Anke/Carlin Simpson & Associates
732-432-5757
F 732-432-5717
meredith@carlinsimpson.com

Re: -465-471 President St aka 313-323 Nevins St
-514-530 Union St aka 473-491 President St in Brooklyn
-339-341 Nevins St
-431 Carroll St in Brooklyn

Dear Ms. Anke:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-14-1254.

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

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

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

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

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

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

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:
The Spills Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=1

HWR/Environmental Remediation Website:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

The PBS Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4

Also, you can search for Permits issued by NYSDEC by using the Link:
http://www.dec.ny.gov/cfmx/extapps/envapps/

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

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

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

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

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

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

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Mary T. Bassett, MD, MPH
Commissioner

5/8/2014

Carlin Simpson & Associates
61 Main Street
Sayreville, NJ 08872
Attention: *Meredith Anke*

Re: ***465-471 President Street, 514-530 Union Street, 339-341 Nevins Street and 431 Carroll Street, Bklyn- SEE REQUEST***
Control #: ***2014FR01295***

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

Bureau / Office

[ ] Lead Poisoning Prevention
Ben DelPercio
(646) 632-6006

[X] Environmental Health Services
Dylsia Tapia or Shirley Wiley
(646) 632-6494

[ ] Contract Services
Ellen Rieser
(347) 396-6629

[ ] Bureau of Human Resources
Ana Perez
(347) 396-2108

[ ] Communicable Diseases
Beth Nivin
(347) 396-2616

[ ] Other _____

You should receive a response from the program/bureau within twenty(20) business days. Please note that responses are provided electronically whenever possible, and that there is a fee of 25 cents per page for copies of records not available electronically. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.

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

Sincerely,

CA

Chari Anhouse, Esquire
Records Access Officer
42-09 28th Street, CN31
Long Island City, NY 11101
347-396-6078(P)
347-396-6087(F)
recordsaccess@health.nyc.gov

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Mary T. Bassett, MD, MPH
Commissioner

Christopher D'Andrea
Deputy Director

Office of Environmental Investigations
125 Worth St., Room 630
New York, NY 10013

Tel. 1 646 632-6104
Fax 1 646 632-6105

June 3, 2014

Carlin, Simpson & Associates
61 Main Street
Sayreville, New Jersey 08872

Request No: 2014FR01295

Dear Meredith Anke:

In response to your recent request for environmental records on:

Site A Premises-465-471 President Street aka 313-323 Nevins Street; 514-530 Union Street aka 473-491 President Street, Brooklyn, NY

Site B Premises-339-341 Nevins Street; 431 Carroll Street, Brooklyn, NY

Please note the following:

☒ The Office of Environmental Investigations has "NO" record of an investigation at the above address.

☐ Enclosed are copies of the requested records we have on file.

Sincerely,

Christopher D'Andrea, MS, CIH
Deputy Director

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Mary T. Bassett, MD, MPH
Commissioner

Christopher Boyd
Assistant Commissioner
Bureau of Environmental
Sciences and Engineering

42-09 28th Street
14th Floor, CN-56
Queens, NY 11101

347-396-6077 (tel.)
347-396-6089 (fax)

June 5, 2014

Meredith Anke
Carlin Simpson & Associates
61 Main Street
Sayreville, NJ 08872

RE: Control #: 2014FR01295

Dear Ms. Anke:

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

465 President Street Brooklyn, NY 11225	471 President Street Brooklyn, NY 11225	313 Nevins Street Brooklyn, NY 11201
323 Nevins Street Brooklyn, NY 11201	524 Union Street Brooklyn, NY 11201	530 Unions Street Brooklyn, NY 11201
473 President Street Brooklyn, NY 11201	491 President Street Brooklyn, NY 11201	339 Nevins Street Brooklyn, NY 11201

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

Yours truly

Li Huang, PE
Director
Office of Public Health Engineering

APPENDIX G

INTERVIEW QUESTIONNAIRES

INTERVIEW QUESTIONNAIRE
Client/User

Interview Date: 8 May 2014
Name: Mr. Michael Schlegel
Title: Partner
Company/Organization: Eco Rise Development LLC

Status:
☒ Client/User
☐ Current Owner
☐ Site Manager/Representative
☐ Occupant
☐ Government Official
☐ Other _____

What is the reason why the Phase I ESA is required for this site?
Due diligence

What type of property transaction is it (sale, purchase, exchange, refinance, other)?
Purchase

Have you engaged a title company or professional to review recorded land title records? If so, what were the results of the review?
No

Are any services beyond the requirements of Practice E1527-05 required?
No

What is the current use of the property?
Warehouses and shuffleboard club

Who is the site contact for the property and how can they be reached?
Abraham Lowy

Who is the current owner of the property?
Joseph Ribellino

Other than you, what other parties will rely on the Phase I ESA report?
Lenders

Do you have any other knowledge or experience with the property that may be pertinent to the environmental assessment (i.e. copies of any prior ESA reports, documents, correspondence, etc.)?

☐ Yes ☒ No

If yes describe:

Are you aware of any environmental liens associated with the property?

☐ Yes ☒ No

If yes describe:

Are you aware of any engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry?

☐ Yes ☒ No

If yes describe:

As the user of the ESA, do you have any specialized knowledge or experience related to the property or nearby properties?

☐ Yes ☒ No

If yes describe:

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If not, have you considered whether the price difference is due to contamination?

☒ Yes ☐ No

Do you know the history or past uses of the subject property?

☒ Yes ☐ No

If yes describe:

Warehouse for at least 10 years

Do you know of specific chemicals that are present or once were present at the property?

☐ Yes ☒ No

If yes describe:

Do you know of spills or other chemical releases that have taken place at the property?

☐ Yes ☒ No

If yes describe:

Do you know of any environmental cleanups that have taken place at the property?
☐ Yes ☒ No
If yes describe:

Do you know of any environmental permits that are required for the property?
☐ Yes ☒ No
If yes describe:

As the user of the ESA, based on your knowledge and experience related to the property, are here any indicators that point to the presence or likely presence of contamination at the property?
☐ Yes ☒ No
If yes describe:

INTERVIEW QUESTIONNAIRE
Owner's Representative

Interview Date: 8 May 2014
Name: Mr. Abraham Lowy
Title: Associates Broker
Company/Organization: Pinnacle Realty

Status:
☐ Client/User
☐ Current Owner
☒ Site Manager/Representative
☐ Occupant

During what time period are you familiar with the property?
1999 to present

What was type of business was at the property?
Mail order printing and direct mail (Omni Mail)
Electronic waste warehouse

Do you know the past uses of the property?
☐ Yes ☒ No
If yes describe:

Who are the occupants of the property?
E-waste Warehouse
Royal Shuffleboard Club
Wholesale warehouse (just moved out)

Do you know of specific chemicals that are present or once were present at the property?
☐ Yes ☒ No
If yes describe:

Do you know of spills or other chemical releases that have taken place at the property?
☐ Yes ☒ No
If yes describe:

Do you know of any environmental cleanups or storage tank closures that have taken place at the property?

☐ Yes ☒ No

If yes describe:

Do you have any other knowledge or experience with the property that may be pertinent to the environmental professional?

☐ Yes ☒ No

If yes describe:

Are you aware of any environmental liens against the property that are filed or recorded under federal, tribal, state or local law?

☐ Yes ☒ No

If yes describe:

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry?

☐ Yes ☒ No

If yes describe:

Do you have copies of any past environmental documents (i.e. Phase I Environmental Site Assessments, Subsurface Investigation Reports, Tank Closure Reports, Remediation Reports, etc.) related to the property?

☒ Yes ☐ No

If yes, please describe:

The owner has documentation for a storage tank removal.

INTERVIEW QUESTIONNAIRE
Owner's Representative

Interview Date: 8 May 2014
Name: Mr. Anthony Gambale
Title: N/A
Company/Organization: N/A

Status:
☐ Client/User
☐ Current Owner
☒ Site Manager/Representative
☐ Occupant

During what time period are you familiar with the property?
Last 40 years

What was type of business was at the property?
Omni Mail Direct Marketing
Electronic waste warehouse

Do you know the past uses of the property?
☐ Yes ☒ No
If yes describe:

Who are the occupants of the property?
E-waste Warehouse
Royal Shuffleboard Club
Wholesale warehouse (just moved out)

Do you know of specific chemicals that are present or once were present at the property?
☐ Yes ☒ No
If yes describe:

Do you know of spills or other chemical releases that have taken place at the property?
☐ Yes ☒ No
If yes describe:

Do you know of any environmental cleanups or storage tank closures that have taken place at the property?

☐ Yes ☒ No

If yes describe:

Do you have any other knowledge or experience with the property that may be pertinent to the environmental professional?

☒ Yes ☐ No

If yes describe:

The Gowanus Canal has contamination issues. They are cleaning it up but who knows how bad it really is.

Are you aware of any environmental liens against the property that are filed or recorded under federal, tribal, state or local law?

☐ Yes ☒ No

If yes describe:

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry?

☐ Yes ☒ No

If yes describe:

Do you have copies of any past environmental documents (i.e. Phase I Environmental Site Assessments, Subsurface Investigation Reports, Tank Closure Reports, Remediation Reports, etc.) related to the property?

☐ Yes ☒ No

If yes, please describe:

INTERVIEW QUESTIONNAIRE
Occupant

Interview Date: 8 May 2014
Name: Mr. Sam Huntington
Title: Warehouse Manager
Company/Organization: E-Waste Warehouse

Status:
☐ Client/User
☐ Current Owner
☐ Site Manager/Representative
☒ Occupant

During what time period are you familiar with the property?
Business opened in 2012. I started in July 2012.

What was type of business do you have at the property?
Electronic waste drop-off, refurbishing center, and resale
No processing, waste is sent off-site for disposal

Do you know the past uses of the property?
☐ Yes ☒ No
If yes describe:
Next door was a mailing center

Do you know of chemicals that are present or once were present at the property?
☐ Yes ☒ No
If yes describe:

Do you know of spills or other releases that have taken place at the property?
☐ Yes ☒ No
If yes describe:

Do you know of any environmental cleanups or storage tank closures that have taken place at the property?
☐ Yes ☒ No
If yes describe:

Do you have any other knowledge or experience with the property that may be pertinent to the environmental professional?
☐ Yes ☒ No
If yes describe:

APPENDIX H

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

CARLIN • SIMPSON & ASSOCIATES

Consulting Geotechnical and Environmental Engineers

61 Main Street, Sayreville, New Jersey 08872
Tel. (732) 432-5757
Fax. (732) 432-5717

Principal:
Robert B. Simpson, P.E.

Associates:
Robert H. Barnes, P.E.
Meredith R. Anke, P.E.
Kurt W. Anke
Eric J. Shaw

ROBERT B. SIMPSON, P.E.

TITLE: Principal - Chief Engineer

EDUCATION: Purdue University, BSCE - 1984
New Jersey Institute of Technology, MSCE - 1993

Adjunct Professor at New Jersey Institute of Technology, Teaching Graduate Courses in Geotechnical Engineering

REGISTRATION: Licensed Professional Engineer: New Jersey, New York, Pennsylvania and Connecticut

AFFILIATIONS: American Society of Civil Engineers
New Jersey Society of Professional Engineers

EXPERTISE:

- Geotechnical Engineering
- Environmental Engineering
- Hydrogeological Studies
- Site Remediation Engineering
- Landfills
- Dewatering
- Underpinning
- Earthen Dams
- Slope Stability (Soil and Rock)
- Retaining Walls
- Pile Foundations
- Karst Topography
- Geology
- Forensic Engineering
- Expert Testimony

Partner - Chief Engineer. Mr. Simpson is responsible for the planning of subsurface soil, foundation, and environmental engineering investigations, analyzing the data obtained from such studies and writing geotechnical and environmental engineering reports (RI/FS). Mr. Simpson has a complete knowledge of geotechnical and environmental engineering principles and he applies these principles to projects performed by the firm.

In the geotechnical engineering field, he has been involved in such projects as the Garden State Parkway Interchange 127; Paterson N.J. Jail Addition; the Pennsylvania Turnpike Northeast Interchange; High Rise Condominiums, Yonkers, N.Y; Westage Business Center, Fishkill, N.Y; St. Lawrence Center Mall, Massena, N.Y; Dam Reconstruction, Dancer Farm Subdivision, Freehold, N.J., and highway pavement design, N.J. Rt. 70, Howell, N.J.

Over the past 28 years, he has directed geotechnical investigations on hundreds of diverse projects throughout the northeast and has developed geotechnical design recommendations for projects involving shallow foundations, deep foundations, retaining walls, slope stabilization, groundwater dewatering, underpinning, earth dams, settlement, pavement design, tunneling, and ground improvement techniques such as surcharging, grouting, and geotextiles. His expertise has also led to providing forensic engineering services and expert testimony involving geotechnical issues for a variety of regulatory and legal matters.

CARLIN • SIMPSON & ASSOCIATES

Consulting Geotechnical and Environmental Engineers

61 Main Street, Sayreville, New Jersey 08872
Tel. (732) 432-5757
Fax. (732) 432-5717

Principal:
Robert B. Simpson, P.E.

Associates:
Robert H. Barnes, P.E.
Meredith R. Anke, P.E.
Kurt W. Anke
Eric J. Shaw

MEREDITH R. ANKE, P.E.

TITLE Project Engineer / Environmental Manager

EDUCATION Rutgers University
BS, BS – Bioresource Engineering - 1998

New Jersey Institute of Technology
MS – Civil Engineering - 2005

REGISTRATION Licensed Professional Engineer: New Jersey

CERTIFICATIONS OSHA HAZWOPER 40 Hour Training
Underground Storage Tank Subsurface Evaluator and Closure (NJ)

EXPERTISE
Environmental Engineering
Geotechnical Engineering
Phase I Environmental Site Assessments
Phase II Environmental Site Investigations
Subsurface Investigations
Retaining Wall Design
Hydrogeological Studies
Site Remediation Engineering

Mrs. Anke is responsible for the planning of environmental investigations, analyzing the data obtained from such studies, and writing environmental engineering reports. Mrs. Anke has knowledge of environmental engineering principles and she applies these principles to various projects performed by the Firm. Over the past 14 years as an environmental engineer, Mrs. Anke has been involved in Phase I, Phase II and Phase III environmental engineering studies, underground storage tank closures, asbestos inspections, hydrogeologic studies, soil and groundwater plume migration studies, and remedial investigations to determine the most practicable remedial technology for soil and groundwater clean up projects located in New Jersey and New York.

In addition, Mrs. Anke is responsible for the planning of geotechnical investigations, analyzing the data obtained from such studies, and writing geotechnical engineering reports. This includes the development of site specific engineering recommendations for the design of shallow and deep foundations, retaining walls, stormwater management systems, flexible and rigid pavement, soil and rock slopes, and temporary earth support systems. Mrs. Anke has also prepared construction design drawings and specifications for various projects in New Jersey and New York involving retaining walls, soil or rock slope stabilization, underpinning, dewatering systems, compaction grouting, and temporary earth support systems.

LANGAN

Technical Memorandum

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444

To: Patrick Foster (NYSDEC)

From: Michael Burke (Langan)

Info: Richard P. Mustico, John Grathwol (NYSDEC)
Angela Martin, Scarlett McLaughlin (NYSDOH)
Jesse Wark, Colin McLean, Steven Spektor (Avery Hall Investments)
Aida Stoddard, Douglas Browne, Michael Daly (Gemdale)
David Yudelson (Sive, Paget & Riesel)
Ashley Albert, Jonathan Schnapp (Royal Palms Shuffleboard Club)
Paul McMahon, Vinicius De Paula (Langan)

Date: 18 August 2020

Re: Indoor Air Sample Results
The Royal Palms Shuffleboard Club
514 Union Street, Brooklyn, NY (the "site")
Langan Project No.: 170361303

Indoor air samples were collected at the Royal Palms Shuffleboard Club located at 514 Union Street Brooklyn, New York (the "site") on 14 June 2020. A site location map is presented as Figure 1. The samples were collected to evaluate the potential for soil vapor intrusion at the site after remedial investigation results from the two adjoining New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) sites[1,2] revealed subsurface conditions that may affect indoor air quality. This technical memorandum documents the collection and analytical results of the indoor air samples.

Site Background

The approximately 17,000-square-foot site, identified as Brooklyn Borough Tax Block 440, Lot 12, is improved with a one-story brick building occupied by the Royal Palms Shuffleboard Club. As of the date of this technical memorandum, the Royal Palms Shuffleboard Club has suspended indoor operations due to the COVID-19 pandemic since 16 March 2020. The floor plan includes shuffleboard courts, bars, restrooms, storage rooms, one office, and an access hatch to a subsurface utility vault near the northwest corner of the site.

As documented in the Remedial Investigation Reports (RIRs) for NYSDEC BCP Site Nos. C224220 and C224309, dated 16 August 2019 and February 2020, respectively, chlorinated

[1] 473 President Street, identified as NYSDEC BCP Site No. C224220, adjoins the site to the south. The remedial investigation results for 473 President Street are documented in the 16 August 2019 Remedial Investigation Report.
[2] 469 President Street and 532 Union Street, collectively identified as NYSDEC BCP Site No. C224309, adjoin the site to the east and west. The remedial investigation results for 469 President Street and 532 Union Street are documented in the February 2020 Remedial Investigation Report.

volatile organic compounds (CVOCs) were detected in groundwater, soil vapor and indoor air at the adjoining properties.

Indoor Air Sampling

Three indoor air samples representative of the indoor space and biased to locations close the highest contaminant concentrations found on the adjoining properties and one ambient air sample were collected on 14 June 2020. Sample locations are shown on Figure 2 and a summary of the sample analytical results are included in Table1.

Sampling Methodology

The indoor air samples were located as follows:

- IA01: northwestern portion of the site near the utility vault which was identified a potential pathway for soil vapor intrusion
- IA02: southern portion of the site near the south-adjoining property.
- IA03: inside the office near the west-adjoining.

An ambient air sample was collected on the Union Street sidewalk for quality assurance/quality control (QA/QC). The air samples were collected at a height of about 3 to 4 feet above grade surface using laboratory-provided, 6-liter Summa air canisters equipped with 8-hour sample interval flow controllers. The indoor air samples were sealed, labeled, and transported via courier service to the laboratory for volatile organic compound (VOC) analysis via United States Environmental Protection Agency (USEPA) Method TO-15. The air samples were originally submitted to Alpha Analytical, Inc. (Alpha) of Westborough, Massachusetts for analytical analysis. Due laboratory-wide reporting system issues at Alpha, the samples were transferred and analyzed by York Analytical Laboratories, Inc. (York) of Stratford, Connecticut. Both Alpha and York are NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratories.

An NYSDOH Indoor Air Quality Questionnaire and Building Inventory form was completing during the sampling event to document site characteristics that may influence sample results, including background levels of VOCs (screened with a ppbRAE 3000 photoionization detector [PID]), the ventilation system and the chemical inventory. Indoor air sample logs are included as Attachment 1 and the NYSDOH questionnaire is included as Attachment 2.

Field Observations and Sample Results

The site was screened with a ppbRAE and detected levels of VOCs ranged between 20 and 178 parts per billion (ppb). The chemical inventory identified several cleaning products, sealants and paints storage at the site. The building does not have a cellar and the first floor was observed to be in good condition, and consists of sealed wood, tile, and painted concrete flooring. Detected VOC concentrations in the indoor air sample analytical results did not exceed the NYSDOH AGVs. Total CVOC concentrations in the indoor air samples ranged between 2.5 µg/m^3 in IA02 and 9.5 µg/m^3 in IA01. Total VOC concentrations in the indoor air samples ranged between 39.9 µg/m^3

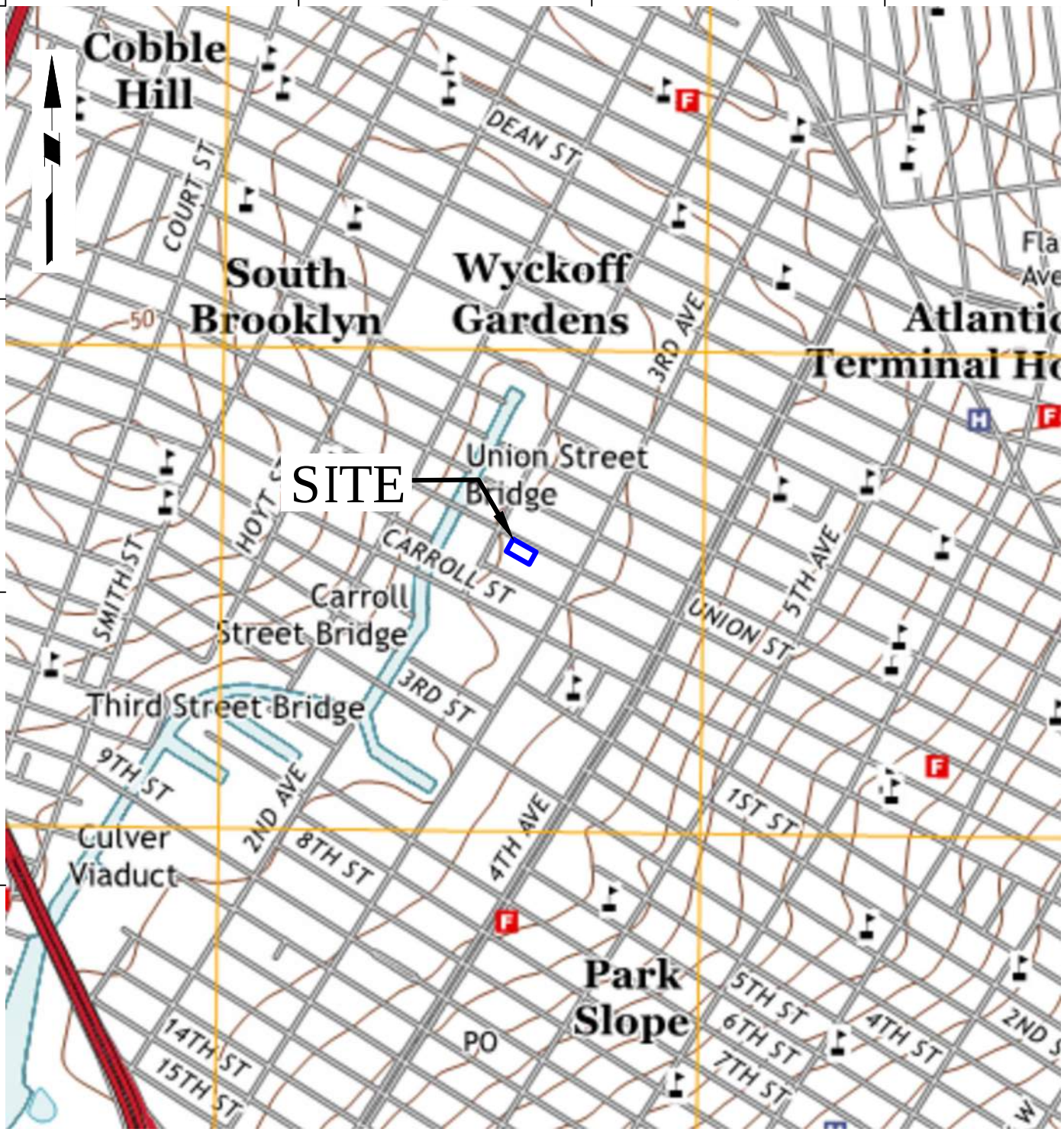
in IA02 and 933 µg/m^3 in IA01. Isopropanol was identified at a concentration of 660 µg/m^3 in IA01 and is likely due to the use of an alcohol-based hand sanitizer.

Conclusion

The flooring was observed to be in better condition than the adjoining buildings, where cracks and exposed soil were observed. No obvious pathways for vapor intrusion were identified, with the exception of the utility vault (location of IA03). Representative indoor air samples were collected at the site and detected VOC concentrations did not exceed the NYSDOH AGVs. No further action is recommended.

Enclosure(s): Figure 1 – Site Location Map
Figure 2 – Indoor Air Sample Location Plan
Table 1 – Indoor Air Sample Analytical Results Summary
Attachment 1 – Indoor Air Sample Logs
Attachment 2 – NYSDOH Indoor Air Quality Questionnaire and Building Inventory
Attachment 3 – Laboratory Analytical Data Report

FIGURES



NOTES:

1. BASEMAP ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, JERSEY CITY, NJ AND BROOKLYN, NY QUADRANGLES, DATED 2016.

1000 0 500 1000

SCALE: 1 INCH = 1000 FEET

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

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Project
514 UNION STREET
BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title
SITE LOCATION MAP

Project No.	170361303
Date	08/07/2020
Drawn By	TG
Checked By	PM

Figure No. 1

Sheet 1 of 2

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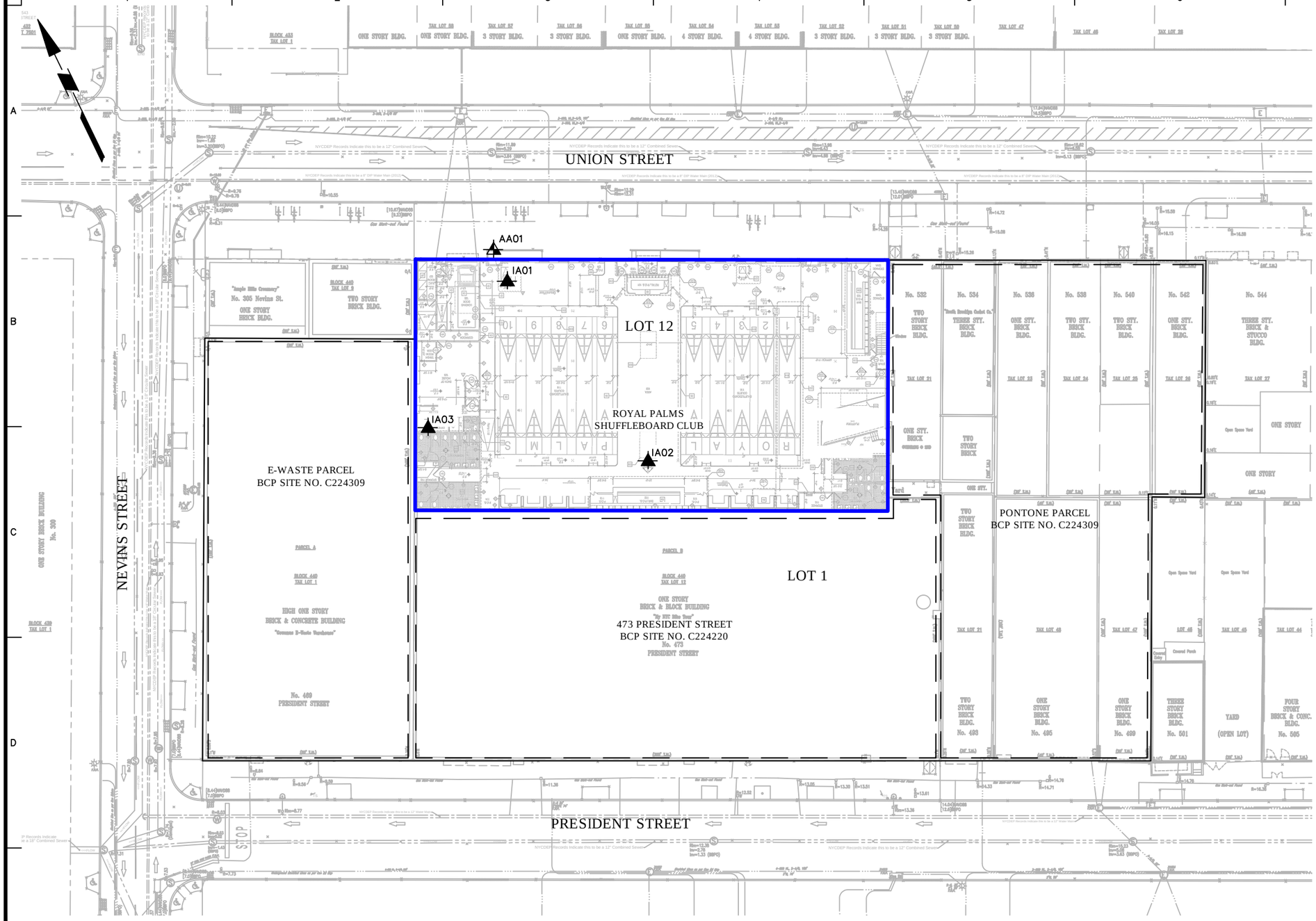
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\Figure 1 - Site Location Map.dwg Date: 8/7/2020 Time: 17:48 User: vdepaula Style Table: Langan.stb Layout: ANSIA-BP



LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BCP SITE BOUNDARY
- IA01 — APPROXIMATE INDOOR AIR SAMPLE LOCATION
- AA01 — APPROXIMATE AMBIENT AIR SAMPLE LOCATION

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. BCP = BROWFIELD CLEANUP PROGRAM

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Project
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BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title
INDOOR AIR SAMPLE LOCATION MAP

Project No.	170361303
Date	06/18/2020
Drawn By	TG
Checked By	VDP

Figure No. 2

Sheet 2 of 2

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Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\Indoor Air Sample Location Map.dwg Date: 8/7/2020 Time: 18:05 User: vdepaula Style Table: Langan.stb Layout: ANSIB-BL

TABLE

Table 1
Indoor Air Sample Analytical Results Summary

514 Union Street
Brooklyn, New York
Langan Project No.: 170361303

Location	NYSDOH AGVs	AA01		IA01		IA02		IA03	
Sample ID		AA01_071420		IA01_071420		IA02_071420		IA03_071420	
Laboratory ID		20G0952-01		20G0952-02		20G0952-03		20G0952-04	
Sample Date		7/14/2020		7/14/2020		7/14/2020		7/14/2020	
Sample Type		AA		IA		IA		IA	
Volatile Organic Compounds (µg/m³)									
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	0.82	U	0.93	D	0.57	U	0.72	U
1,2,4-Trimethylbenzene	~	0.53	D	2.7	D	0.8	D	0.93	D
1,2-Dichloroethane	~	0.43	U	0.89	D	0.3	U	0.38	U
1,3,5-Trimethylbenzene (Mesitylene)	~	0.53	U	0.98	D	0.37	U	0.46	U
1,4-Dichlorobenzene	~	0.65	U	1.1	D	0.45	U	0.57	U
4-Ethyltoluene	~	0.53	U	2.5	D	0.66	D	0.74	D
Acetone	~	7.8	D	100	D	12	D	17	D
Benzene	~	0.45	D	1.1	D	0.33	D	0.39	D
Carbon Disulfide	~	0.33	U	2.1	D	0.23	U	0.32	D
Carbon Tetrachloride	~	0.47	D	0.83	D	0.47	D	0.47	D
Chloroform	~	0.52	U	0.7	D	0.36	U	0.46	U
Chloromethane	~	1.3	D	3	D	1.4	D	1.4	D
Cyclohexane	~	0.85	D	0.83	D	0.61	D	0.74	D
Dichlorodifluoromethane	~	1.7	D	2.7	D	1.6	D	1.5	D
Ethyl Acetate	~	0.77	U	25	D	0.86	D	9.2	D
Ethylbenzene	~	0.47	U	3.3	D	0.52	D	0.61	D
Isopropanol	~	0.53	U	660	DE	1.7	D	2.2	D
M,P-Xylene	~	0.93	U	11	D	1.8	D	2	D
Methyl Ethyl Ketone (2-Butanone)	~	1.1	D	7.2	D	1.1	D	1.2	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	0.44	U	6.3	D	0.3	U	0.39	U
Methyl Methacrylate	~	0.44	U	0.95	D	0.3	U	0.39	U
Methylene Chloride	60	0.75	U	1.6	D	7.4	D	0.69	D
n-Heptane	~	0.44	U	1.9	D	0.3	U	0.39	U
n-Hexane	~	0.76	D	6.8	D	4.7	D	0.9	D
o-Xylene (1,2-Dimethylbenzene)	~	0.47	U	3.1	D	0.61	D	0.69	D
Styrene	~	0.46	U	14	D	0.32	D	0.44	D
Tetrachloroethene (PCE)	30	0.73	U	7	D	0.5	U	0.64	U
Toluene	~	1.3	D	62	D	1.3	D	1.6	D
Trichloroethene (TCE)	2	0.14	U	0.36	D	0.56	D	0.71	D
Trichlorofluoromethane	~	1.2	D	2.4	D	1.2	D	1.3	D
Total BTEX	~	1.75		80.5		4.56		5.29	
Total CVOCs	~	2.96		9.5		2.5		3.17	
Total VOCs	~	17.5		933		39.9		45	

Notes:
1. Indoor air sample analytical results are compared the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015).
2. Ambient air sample analytical results are shown for reference only.
3. Only detected analytes are shown in the table.
4. ~ = Regulatory limit for this analyte does not exist
5. µg/m3 = micrograms per cubic meter
6. AA = Ambient Air
7. IA = Indoor Air

Qualifiers:
D = The concentration reported is a result of a diluted sample.
E = The result is estimated and cannot be accurately reported due to levels encountered or interferences.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

ATTACHMENT 1

INDOOR AIR SAMPLE LOGS

AMBIENT AIR SAMPLING LOG SHEET

Sample Number: IA01_071420

PROJECT: 514 Union Street	**PROJECT NO.:** 170361303	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** N/A	
INSPECTOR: Ashley Stappenbeck	**SAMPLE DATE STARTED:** 7/14/2020	**DATE FINISHED:** 7/14/2020
SAMPLER: Ashley Stappenbeck	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS:** Temperature: 74-87 °F Wind: 5-15 mph from NW Barometer: 30.03" Hg Precipitation: None	

METHOD OF SAMPLING:

Sample IA01_071420, a 6-Liter Summa canister fitted with an 8-hour flow control valve, was placed about 3 feet above grade surface. The flow controller was zeroed and the valve was opened to initiate the 8-hour sample collection period. The sample and flow controller were checked periodically during sampling. Canister vacuum readings were documented every 60 to 120 minutes.

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
PID BEFORE SAMPLE (PPM):	0.0	See sample location plan.
SAMPLE START DATE/TIME:	7/14/2020 8:24	
SAMPLE STOP DATE/TIME:	7/14/2020 16:24	
TOTAL SAMPLE TIME (MIN):	480	
FLOW RATE (L/MIN):	0.01	
VOLUME OF SAMPLE (LITERS):	4.8	
PID AFTER SAMPLE (PPM):	0.0	
CAN SERIAL NUMBER:	1555	
REGULATOR SERIAL NUMBER:	1576	
CAN START VACUUM PRESS. (" HG):	-30.02	
CAN STOP VACUUM PRESS. (" HG):	-6.08	

Notes:

Collected in northwestern portion of building near utility vault.

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AMBIENT AIR SAMPLING LOG SHEET

Sample Number: IA02_071420

PROJECT: 514 Union Street	**PROJECT NO.:** 170361303	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** N/A	
INSPECTOR: Ashley Stappenbeck	**SAMPLE DATE STARTED:** 7/14/2020	**DATE FINISHED:** 7/14/2020
SAMPLER: Ashley Stappenbeck	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS:** Temperature: 74-87 °F Wind: 5-15 mph from NW Barometer: 30.03" Hg Precipitation: None	

METHOD OF SAMPLING:

Sample IA02_071420, a 6-Liter Summa canister fitted with an 8-hour flow control valve, was placed about 3 feet above grade surface. The flow controller was zeroed and the valve was opened to initiate the 8-hour sample collection period. The sample and flow controller were checked periodically during sampling. Canister vacuum readings were documented every 60 to 120 minutes.

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
PID BEFORE SAMPLE (PPM):	0.0	See sample location plan.
SAMPLE START DATE/TIME:	7/14/2020 8:21	
SAMPLE STOP DATE/TIME:	7/14/2020 16:21	
TOTAL SAMPLE TIME (MIN):	480	
FLOW RATE (L/MIN):	0.01	
VOLUME OF SAMPLE (LITERS):	4.8	
PID AFTER SAMPLE (PPM):	0.0	
CAN SERIAL NUMBER:	2120	
REGULATOR SERIAL NUMBER:	1656	
CAN START VACUUM PRESS. (" HG):	-30.07	
CAN STOP VACUUM PRESS. (" HG):	-6.31	

Notes:

Collected in southern portion of building.

AMBIENT AIR SAMPLING LOG SHEET

Sample Number: IA03_071420

PROJECT: 514 Union Street	**PROJECT NO.:** 170361303	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** N/A	
INSPECTOR: Ashley Stappenbeck	**SAMPLE DATE STARTED:** 7/14/2020	**DATE FINISHED:** 7/14/2020
SAMPLER: Ashley Stappenbeck	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS:** Temperature: 74-87 °F Wind: 5-15 mph from NW Barometer: 30.03" Hg Precipitation: None	

METHOD OF SAMPLING:

Sample IA03_071420, a 6-Liter Summa canister fitted with an 8-hour flow control valve, was placed about 3 feet above grade surface. The flow controller was zeroed and the valve was opened to initiate the 8-hour sample collection period. The sample and flow controller were checked periodically during sampling. Canister vacuum readings were documented every 60 to 120 minutes.

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
PID BEFORE SAMPLE (PPM):	0.0	See sample location plan.
SAMPLE START DATE/TIME:	7/14/2020 8:26	
SAMPLE STOP DATE/TIME:	7/14/2020 16:26	
TOTAL SAMPLE TIME (MIN):	480	
FLOW RATE (L/MIN):	0.01	
VOLUME OF SAMPLE (LITERS):	4.8	
PID AFTER SAMPLE (PPM):	0.0	
CAN SERIAL NUMBER:	1880	
REGULATOR SERIAL NUMBER:	1667	
CAN START VACUUM PRESS. (" HG):	-29.14	
CAN STOP VACUUM PRESS. (" HG):	-5.99	

Notes:

Collected inside office.

AMBIENT AIR SAMPLING LOG SHEET

Sample Number: AA01_071420

PROJECT: 514 Union Street	**PROJECT NO.:** 170361303	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** N/A	
INSPECTOR: Ashley Stappenbeck	**SAMPLE DATE STARTED:** 7/14/2020	**DATE FINISHED:** 7/14/2020
SAMPLER: Ashley Stappenbeck	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS:** Temperature: 74-87 °F Wind: 5-15 mph from NW Barometer: 30.03" Hg Precipitation: None	

METHOD OF SAMPLING:

Sample AA01_071420, a 6-Liter Summa canister fitted with an 8-hour flow control valve, was placed about 3 feet above grade surface. The flow controller was zeroed and the valve was opened to initiate the 8-hour sample collection period. The sample and flow controller were checked periodically during sampling. Canister vacuum readings were documented every 60 to 120 minutes.

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
PID BEFORE SAMPLE (PPM):	0.0	See sample location plan.
SAMPLE START DATE/TIME:	7/14/2020 8:18	
SAMPLE STOP DATE/TIME:	7/14/2020 16:18	
TOTAL SAMPLE TIME (MIN):	480	
FLOW RATE (L/MIN):	0.01	
VOLUME OF SAMPLE (LITERS):	4.8	
PID AFTER SAMPLE (PPM):	0.0	
CAN SERIAL NUMBER:	2567	
REGULATOR SERIAL NUMBER:	1768	
CAN START VACUUM PRESS. (" HG):	-30.05	
CAN STOP VACUUM PRESS. (" HG):	-6.57	

Notes:

Collected on Union Street sidewalk.

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ATTACHMENT 2

NYSDOH INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Ashley Stappenbeck Date/Time Prepared 7/14/2020 10:20 AM

Preparer's Affiliation Langan Phone No. 585-734-8148

Purpose of Investigation Indoor Air Sampling

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Royal Palms Shuffleboard Club

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1919

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

20 ceiling fans, overhead exposed HVAC system

Outdoor air infiltration

Front doors, attached garage

Infiltration into air ducts

Overhead exposed HVAC system

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	(brick)
b. Basement type:	full	crawlspace	slab	other N/A
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	unsealed	(sealed)	sealed with wood flooring, tile, and/or paint	
f. Foundation walls:	poured	block	stone	other brick
g. Foundation walls:	unsealed	(sealed)	sealed with paint	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / (N)			
k. Water in sump?	Y / N / (not applicable)			

Basement/Lowest level depth below grade: N/A (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Bathroom floor drains, utility vault near northwest corner

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	(Main Floor)	Other_____
Air conditioning:	(Central Air)	Window units	Open Windows	None

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	No basement
1st Floor	Royal Palms Shuffleboard Club
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y / (N) / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify car

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? roof

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type?_____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

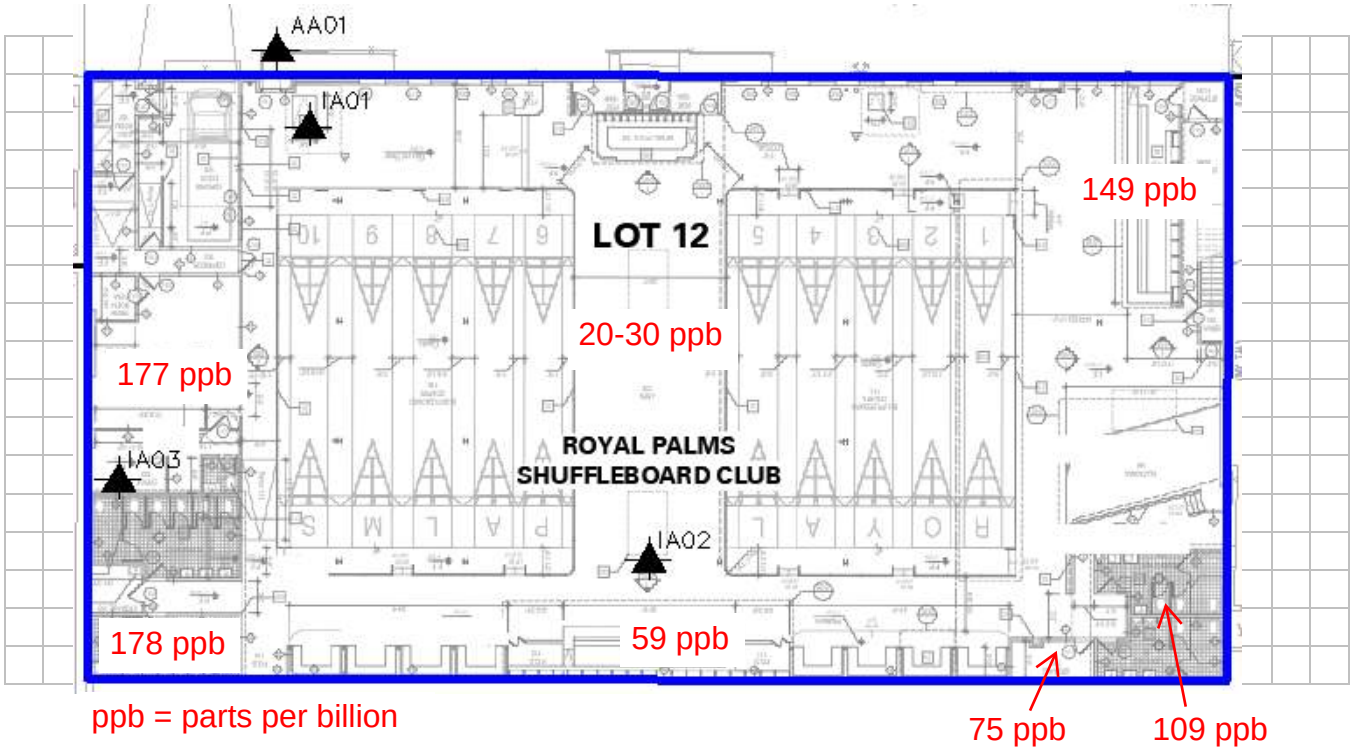
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement: No Basement

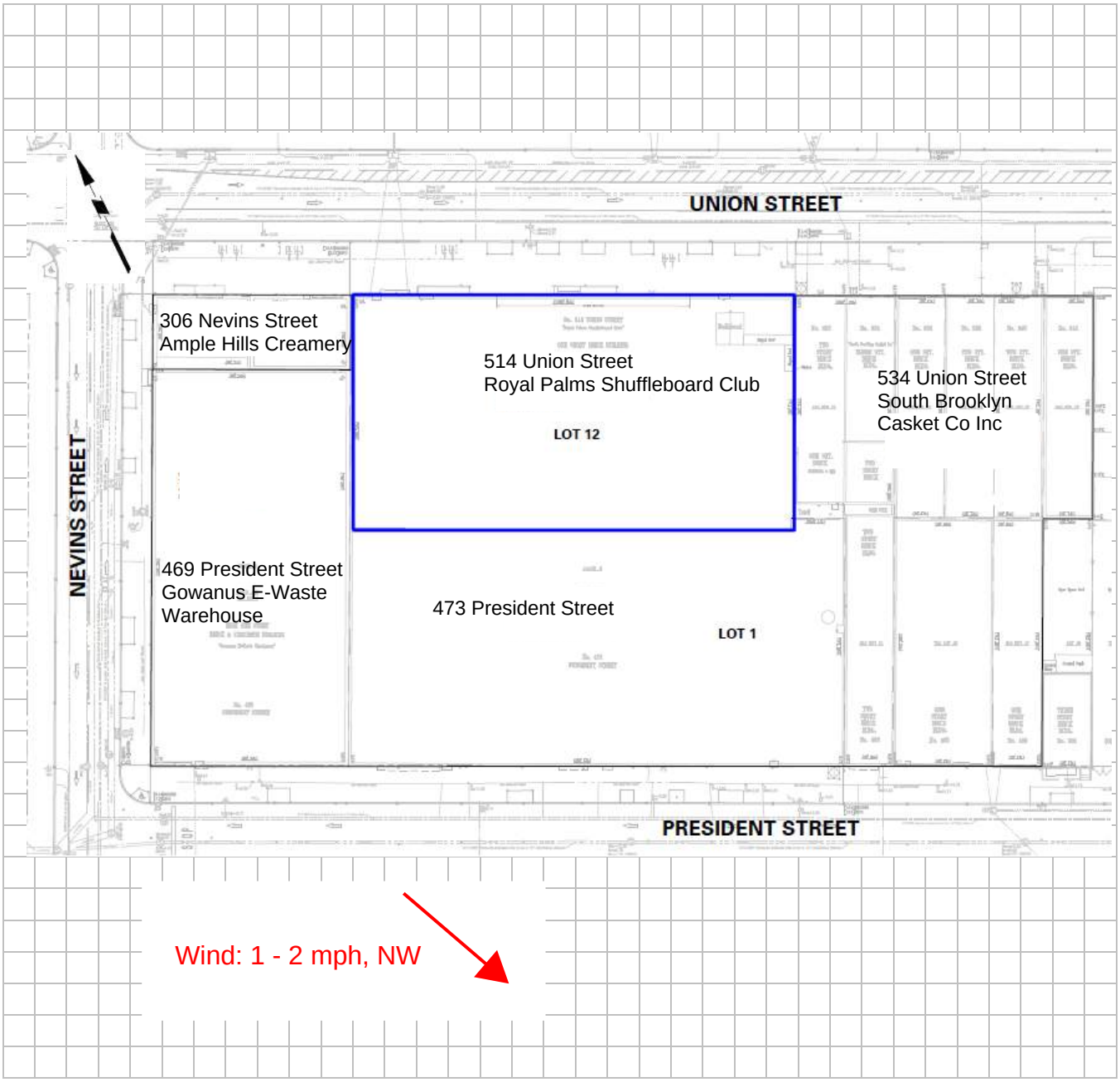
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppbRAE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Indoors	Windex	1 gal.	U/UO	ammonium hydroxide, hexoxyethanol, sulfonic acids, isopropyl alcohol	0 ppb	Y
Indoors	Orange Multi-Surface Cleaner	1 gal.	U/UO	diproylene glycol methyl ether, alcohols, sodium xylene sulfonate, sodium hydroxide, d-limonene, citric acid	0 ppb	Y
Indoors	Hi-Valu Bleach	1 gal.	U/UO	Sodium Hypochlorite	118 ppb	Y
Indoors	Concept Clean Hands Hand Soap	1 gal.	U/UO	cetrimonium chloride, glycerin	0 ppb	Y
Indoors	Rinse Aid	1 gal.	U/UO	Sodium xylene sulfonate, poloxalene, alkylpolyglucoside, acetic acid	569 ppb	Y
Indoors	Machine Detergent x3	1 gal.	U/UO	sodium hydroxide, amino tris, sodium nitrilo-triacetate, polyacrylic acid, dye	0 ppb	Y
Indoors	Auto Chlor Super 8	1 gal.	U/UO	Sodium Hypochlorite	0 ppb	Y
Indoors	Deodorizing Air Freshener	7 oz.	UO	petroleum gases, monopotassium carbonate, sodium bicarbonate, ammonium hydroxide	0 ppb	Y
Indoors	Drain Fly Treatment	1 gal.	UO	Bacillus bacteria	0 ppb	Y
Indoors	Simple Green Cleaner	2.5 gal.	U	alcohols, sodium citrate, sodium carbonate, tetrasodium glutamate diacetate, citric acid, methylchloroisotiazolinone, methylisothiazolinone	0 ppb	Y
Indoors	Goo Gone	8 oz.	UO	petroleum distillates, hydrotreated light; d-limonene	0 ppb	Y
Indoors	Novo Soap	1 gal.	U/UO	Trade Secret	0 ppb	Y
Indoors	Inverted Striping Paint	18 oz.	U/UO	propane, naphtha, n-butane, acetone, xylenes, n-butyl acetate, titanium dioxide, hydrotreated light distillate, ethylbenzene, dimethyl carbonate, octane	0 ppb	Y
Indoors	Benjamin Moore Regal Semi-Gloss Finish	1 gal.	U/UO	titanium dioxide, kaolin, sodium C14-C16 olefin sulfonate, 1-methyl-2-pyrrolidinone, urea	0 ppb	Y
Indoors	Valspar Zone Marking Paint	1 gal.	U/UO	calcium carbonate, crystalline silica, titanium dioxide, ethylene glycol	0 ppb	Y
Indoors	Behr Masonry, Stucco, and Brick Paint	1 gal.	U/UO	aluminum hydroxide, ethylene glycol, silica, titanium dioxide, acrylic polymer, nepheline syenite	0 ppb	Y
Indoors	Valspar Concrete Bonding Primer	1 gal.	U/UO	dipropylene glycol monomethyl ether, mepheline syenite, titanium dioxide, talc	0 ppb	Y
Indoors	Valspar Porch Latex Paint	1 gal.	U/UO	Titanium Dioxide	0 ppb	Y
Indoors	Leston Heavy Duty Multi-Purpose Cleaner	12 oz.	U	Stoddard solvent, pine oil, sodium hydroxide, tall oil fatty aids, sodium salts	0 ppb	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppbRAE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Indoors	Behr Low-Lustre Sealer	1 gal.	U	2,2,4-trimethyl-1,3-pentanediol monoisonutyrate, ethylene glycol	0 ppb	Y
Indoors	Carbon Dioxide	100 lbs.	U	Carbon Dioxide	0 ppb	Y
Indoors	Santec Resolve 8	1 gal.	U/UO	alykl dimethyl benzyl ammonium chloride, alkyl dimethyl ethyl benzyl ammonium chloride	0 ppb	Y
Indoors	Tomcat with Bromethaline Bait Chunx	5 gal.	U	Bromethalin	0 ppb	Y
Indoors	Rustoleum Clear Chalk Board	1 gal.	U/UO	2,2,4-trimethyl-1,3-pentanediol isobutyrate, diethylene glycol monomethyl ether	0 ppb	Y
Indoors	Krylon Chalk Board Paint	29 oz.	U/UO	acetone, propane, aliphatic hydrocarbon solvent, butane, talc, dumethyl carbonate, toluene, xylene, carbon black, ethylbenzene	0 ppb	Y
Indoors	Benjamin Moore Advance Semi-Gloss Paint	1 gal.	U/UO	Titanium dioxide, silica	0 ppb	Y
Indoors	Benjamin Moore Advance Satin Paint	1 gal.	U/UO	Titanium dioxide, kaolin, sodium C14-C16 olefin sulfonate	0 ppb	Y
Indoors	Behr Stain-Blocking paint and primer in-one	1 gal.	U/UO	titanium dioxide, cristobalie, limestone, aluminum hydroxide, alkylphenol, ethoxylate, phosphorate, diatomaceous earth, silicon dioxide, quartz	0 ppb	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT 3

LABORATORY ANALYTICAL DATA REPORT

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Paul McMahon

Report Date: 07/30/2020
Client Project ID: 170361301
York Project (SDG) No.: 20G0952

Report Date: 07/30/2020
Client Project ID: 170361301
York Project (SDG) No.: 20G0952

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Paul McMahon

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 July 24, 2020 and listed below. The project was identified as your project: **170361301**.

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
20G0952-01	AA01_071420	Outdoor Ambient Ai	07/14/2020	07/24/2020
20G0952-02	IA01_071420	Soil Vapor	07/14/2020	07/24/2020
20G0952-03	IA02_071420	Soil Vapor	07/14/2020	07/24/2020
20G0952-04	IA03_071420	Soil Vapor	07/14/2020	07/24/2020

General Notes for York Project (SDG) No.: 20G0952

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; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 07/30/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AA01_071420 **York Sample ID:** 20G0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Outdoor Ambient Air	July 14, 2020 4:18 pm	07/24/2020

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	0.74	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.59	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.74	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.82	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.59	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.80	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.53**		ug/m³	0.53	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.83	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.65	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.50	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.75	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.53	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.71	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.65	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.50	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.65	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.77	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.1**		ug/m³	0.32	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA01_071420 **York Sample ID:** 20G0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Outdoor Ambient Air	July 14, 2020 4:18 pm	07/24/2020

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
591-78-6	* 2-Hexanone	ND		ug/m³	0.88	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.44	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**7.8**		ug/m³	0.51	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.23	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.45**		ug/m³	0.34	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.56	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.72	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.1	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.42	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.17	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.49	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.28	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.52	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.22	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.49	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.85**		ug/m³	0.37	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.91	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.53	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.77	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			

Sample Information

Client Sample ID: AA01_071420 **York Sample ID:** 20G0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Outdoor Ambient Air	July 14, 2020 4:18 pm	07/24/2020

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
100-41-4	Ethyl Benzene	ND		ug/m³	0.47	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	0.53	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.44	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.39	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.75	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.44	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.76**		ug/m³	0.38	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.47	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.93	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.53	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.46	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.73	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.63	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:			
108-88-3	**Toluene**	**1.3**		ug/m³	0.40	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.43	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.49	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.60	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.38	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.47	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA01_071420 **York Sample ID:** 20G0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Outdoor Ambient Air	July 14, 2020 4:18 pm	07/24/2020

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
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	1.074	EPA TO-15	07/28/2020 09:00	07/29/2020 07:02	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.3 %*	*70-130*

Sample Information

Client Sample ID: IA01_071420 **York Sample ID:** 20G0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:24 pm	07/24/2020

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	0.76	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.60	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.76	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.93**		ug/m³	0.84	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.60	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.45	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.82	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.7**		ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.85	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.66	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	**1,2-Dichloroethane**	**0.89**		ug/m³	0.45	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.51	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.77	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.98**		ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.73	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.66	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.51	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**1.1**		ug/m³	0.66	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.79	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**7.2**		ug/m³	0.33	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.90	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA01_071420 **York Sample ID:** 20G0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:24 pm	07/24/2020

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
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**6.3**		ug/m³	0.45	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**100**		ug/m³	0.52	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.24	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.1**		ug/m³	0.35	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.57	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.74	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.1	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.43	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**2.1**		ug/m³	0.34	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.83**		ug/m³	0.17	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.51	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.29	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.70**		ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**3.0**		ug/m³	0.23	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.50	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.83**		ug/m³	0.38	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.94	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**25**		ug/m³	0.79	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.3**		ug/m³	0.48	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA01_071420 **York Sample ID:** 20G0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:24 pm	07/24/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**660**	TO-IPA, E	ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.95**		ug/m³	0.45	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.40	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.6**		ug/m³	0.77	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.45	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**6.8**		ug/m³	0.39	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.1**		ug/m³	0.48	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**11**		ug/m³	0.96	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**2.5**		ug/m³	0.54	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.19	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
100-42-5	**Styrene**	**14**		ug/m³	0.47	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**7.0**		ug/m³	0.75	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.65	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:			
108-88-3	**Toluene**	**62**		ug/m³	0.42	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.44	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.50	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.36**		ug/m³	0.15	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.4**		ug/m³	0.62	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.39	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.48	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	1.102	EPA TO-15	07/28/2020 09:00	07/29/2020 09:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA01_071420 **York Sample ID:** 20G0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:24 pm	07/24/2020

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.6 %*		*70-130*						

Sample Information

Client Sample ID: IA02_071420 **York Sample ID:** 20G0952-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:21 pm	07/24/2020

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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	0.51	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.57	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.074	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.55	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.80**		ug/m³	0.37	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.57	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.30	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.52	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.49	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.1**		ug/m³	0.22	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA02_071420 **York Sample ID:** 20G0952-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:21 pm	07/24/2020

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.30	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**12**		ug/m³	0.35	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.16	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.33**		ug/m³	0.24	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.38	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.77	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.29	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.12	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.20	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.36	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.15	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.074	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**0.61**		ug/m³	0.26	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.63	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.6**		ug/m³	0.37	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**0.86**		ug/m³	0.54	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.52**		ug/m³	0.32	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA02_071420 **York Sample ID:** 20G0952-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:21 pm	07/24/2020

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.79	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**1.7**		ug/m³	0.37	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.30	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**7.4**		ug/m³	0.52	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.30	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**4.7**		ug/m³	0.26	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.61**		ug/m³	0.32	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**1.8**		ug/m³	0.65	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.66**		ug/m³	0.37	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.13	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
100-42-5	**Styrene**	**0.32**		ug/m³	0.32	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.50	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.44	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications:			
108-88-3	**Toluene**	**1.3**		ug/m³	0.28	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.56**		ug/m³	0.10	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.42	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.26	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.095	0.743	EPA TO-15	07/28/2020 09:00	07/29/2020 09:59	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA02_071420 **York Sample ID:** 20G0952-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:21 pm	07/24/2020

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.2 %*		*70-130*						

Sample Information

Client Sample ID: IA03_071420 **York Sample ID:** 20G0952-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:26 pm	07/24/2020

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	0.65	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.65	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.093	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.70	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.93**		ug/m³	0.46	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.57	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.66	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.57	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.57	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.68	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.28	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA03_071420 **York Sample ID:** 20G0952-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:26 pm	07/24/2020

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
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**17**		ug/m³	0.45	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.39**		ug/m³	0.30	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.49	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.97	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.37	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.32**		ug/m³	0.29	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.15	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.25	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.46	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.19	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.093	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.74**		ug/m³	0.32	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.5**		ug/m³	0.47	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**9.2**		ug/m³	0.68	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.61**		ug/m³	0.41	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA03_071420 **York Sample ID:** 20G0952-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:26 pm	07/24/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**2.2**		ug/m³	0.46	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.69**		ug/m³	0.65	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.39	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.90**		ug/m³	0.33	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.69**		ug/m³	0.41	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**2.0**		ug/m³	0.82	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.74**		ug/m³	0.46	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.16	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
100-42-5	**Styrene**	**0.44**		ug/m³	0.40	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.64	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.56	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:			
108-88-3	**Toluene**	**1.6**		ug/m³	0.35	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.71**		ug/m³	0.13	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.53	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.33	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.941	EPA TO-15	07/28/2020 09:00	07/29/2020 10:57	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA03_071420 **York Sample ID:** 20G0952-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0952	170361301	Soil Vapor	July 14, 2020 4:26 pm	07/24/2020

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.2 %*		*70-130*						

Analytical Batch Summary

Batch ID: BG01358 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20G0952-01	AA01_071420	07/28/20
20G0952-02	IA01_071420	07/28/20
20G0952-03	IA02_071420	07/28/20
20G0952-04	IA03_071420	07/28/20
BG01358-BLK1	Blank	07/28/20
BG01358-BS1	LCS	07/28/20
BG01358-DUP1	Duplicate	07/28/20

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01358 - EPA TO15 PREP											
Blank (BG01358-BLK1) Blank									Prepared: 07/28/2020 Analyzed: 07/29/2020		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01358 - EPA TO15 PREP											
Blank (BG01358-BLK1) Blank								Prepared: 07/28/2020 Analyzed: 07/29/2020			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Surrogate: SURR: p-Bromofluorobenzene	*7.94*		*ppbv*	*10.0*		*79.4*	*70-130*				
LCS (BG01358-BS1) LCS								Prepared: 07/28/2020 Analyzed: 07/29/2020			
1,1,1,2-Tetrachloroethane	9.34		ppbv	10.0		93.4	70-130				
1,1,1-Trichloroethane	9.70		"	10.0		97.0	70-130				
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	8.65		"	10.0		86.5	70-130				
1,1-Dichloroethane	9.64		"	10.0		96.4	70-130				
1,1-Dichloroethylene	9.26		"	10.0		92.6	70-130				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70-130				
1,2,4-Trimethylbenzene	8.56		"	10.0		85.6	70-130				
1,2-Dibromoethane	8.74		"	10.0		87.4	70-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,2-Dichloroethane	7.90		"	10.0		79.0	70-130				
1,2-Dichloropropane	7.91		"	10.0		79.1	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	10.0		103	70-130				
1,3,5-Trimethylbenzene	8.37		"	10.0		83.7	70-130				
1,3-Butadiene	10.2		"	10.0		102	70-130				
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	7.93		"	10.0		79.3	70-130				
1,4-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,4-Dioxane	6.71		"	10.0		67.1	70-130	Low Bias			
2-Butanone	9.17		"	10.0		91.7	70-130				
2-Hexanone	7.53		"	10.0		75.3	70-130				
3-Chloropropene	9.92		"	10.0		99.2	70-130				
4-Methyl-2-pentanone	7.01		"	10.0		70.1	70-130				
Acetone	9.39		"	10.0		93.9	70-130				
Acrylonitrile	9.63		"	10.0		96.3	70-130				
Benzene	9.57		"	10.0		95.7	70-130				
Benzyl chloride	9.97		"	10.0		99.7	70-130				
Bromodichloromethane	7.96		"	10.0		79.6	70-130				
Bromoform	10.5		"	10.0		105	70-130				
Bromomethane	10.7		"	10.0		107	70-130				
Carbon disulfide	10.3		"	10.0		103	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01358 - EPA TO15 PREP											
LCS (BG01358-BS1) LCS									Prepared: 07/28/2020 Analyzed: 07/29/2020		
Carbon tetrachloride	9.68		ppbv	10.0		96.8	70-130				
Chlorobenzene	9.22		"	10.0		92.2	70-130				
Chloroethane	11.1		"	10.0		111	70-130				
Chloroform	9.72		"	10.0		97.2	70-130				
Chloromethane	10.6		"	10.0		106	70-130				
cis-1,2-Dichloroethylene	9.46		"	10.0		94.6	70-130				
cis-1,3-Dichloropropylene	8.06		"	10.0		80.6	70-130				
Cyclohexane	9.98		"	10.0		99.8	70-130				
Dibromochloromethane	9.05		"	10.0		90.5	70-130				
Dichlorodifluoromethane	9.62		"	10.0		96.2	70-130				
Ethyl acetate	9.64		"	10.0		96.4	70-130				
Ethyl Benzene	8.27		"	10.0		82.7	70-130				
Hexachlorobutadiene	9.55		"	10.0		95.5	70-130				
Isopropanol	9.75		"	10.0		97.5	70-130				
Methyl Methacrylate	8.12		"	10.0		81.2	70-130				
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	70-130				
Methylene chloride	10.3		"	10.0		103	70-130				
n-Heptane	9.70		"	10.0		97.0	70-130				
n-Hexane	9.91		"	10.0		99.1	70-130				
o-Xylene	8.01		"	10.0		80.1	70-130				
p- & m- Xylenes	16.5		"	20.0		82.4	70-130				
p-Ethyltoluene	9.44		"	10.0		94.4	70-130				
Propylene	11.4		"	10.0		114	70-130				
Styrene	9.19		"	10.0		91.9	70-130				
Tetrachloroethylene	8.81		"	10.0		88.1	70-130				
Tetrahydrofuran	9.37		"	10.0		93.7	70-130				
Toluene	7.98		"	10.0		79.8	70-130				
trans-1,2-Dichloroethylene	9.59		"	10.0		95.9	70-130				
trans-1,3-Dichloropropylene	7.97		"	10.0		79.7	70-130				
Trichloroethylene	8.04		"	10.0		80.4	70-130				
Trichlorofluoromethane (Freon 11)	9.57		"	10.0		95.7	70-130				
Vinyl acetate	9.50		"	10.0		95.0	70-130				
Vinyl bromide	11.1		"	10.0		111	70-130				
Vinyl Chloride	9.66		"	10.0		96.6	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*9.08*		*"*	*10.0*		*90.8*	*70-130*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01358 - EPA TO15 PREP											
Duplicate (BG01358-DUP1) Duplicate	*Source sample: 20G0952-01 (AA01_071420)								Prepared: 07/28/2020 Analyzed: 07/29/2020		
1,1,1,2-Tetrachloroethane	ND	0.74	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.59	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.74	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.82	"		ND					25	
1,1,2-Trichloroethane	ND	0.59	"		ND					25	
1,1-Dichloroethane	ND	0.43	"		ND					25	
1,1-Dichloroethylene	ND	0.11	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.80	"		ND					25	
1,2,4-Trimethylbenzene	0.53	0.53	"		0.53				0.00	25	
1,2-Dibromoethane	ND	0.83	"		ND					25	
1,2-Dichlorobenzene	ND	0.65	"		ND					25	
1,2-Dichloroethane	ND	0.43	"		ND					25	
1,2-Dichloropropane	ND	0.50	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.75	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.53	"		ND					25	
1,3-Butadiene	ND	0.71	"		ND					25	
1,3-Dichlorobenzene	ND	0.65	"		ND					25	
1,3-Dichloropropane	ND	0.50	"		ND					25	
1,4-Dichlorobenzene	ND	0.65	"		ND					25	
1,4-Dioxane	ND	0.77	"		ND					25	
2-Butanone	1.0	0.32	"		1.1				11.8	25	
2-Hexanone	ND	0.88	"		ND					25	
3-Chloropropene	ND	1.7	"		ND					25	
4-Methyl-2-pentanone	ND	0.44	"		ND					25	
Acetone	7.7	0.51	"		7.8				1.97	25	
Acrylonitrile	ND	0.23	"		ND					25	
Benzene	0.45	0.34	"		0.45				0.00	25	
Benzyl chloride	ND	0.56	"		ND					25	
Bromodichloromethane	ND	0.72	"		ND					25	
Bromoform	ND	1.1	"		ND					25	
Bromomethane	ND	0.42	"		ND					25	
Carbon disulfide	ND	0.33	"		ND					25	
Carbon tetrachloride	0.47	0.17	"		0.47				0.00	25	
Chlorobenzene	ND	0.49	"		ND					25	
Chloroethane	ND	0.28	"		ND					25	
Chloroform	ND	0.52	"		ND					25	
Chloromethane	1.3	0.22	"		1.3				1.71	25	
cis-1,2-Dichloroethylene	ND	0.11	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.49	"		ND					25	
Cyclohexane	0.81	0.37	"		0.85				4.44	25	
Dibromochloromethane	ND	0.91	"		ND					25	
Dichlorodifluoromethane	1.6	0.53	"		1.7				6.45	25	
Ethyl acetate	0.27	0.77	"		0.27				0.00	25	
Ethyl Benzene	0.37	0.47	"		0.37				0.00	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Isopropanol	ND	0.53	"		ND					25	
Methyl Methacrylate	ND	0.44	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.39	"		ND					25	
Methylene chloride	0.48	0.75	"		0.45				8.00	25	
n-Heptane	0.35	0.44	"		0.35				0.00	25	
n-Hexane	0.76	0.38	"		0.76				0.00	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01358 - EPA TO15 PREP											
Duplicate (BG01358-DUP1) Duplicate	*Source sample: 20G0952-01 (AA01_071420)								Prepared: 07/28/2020 Analyzed: 07/29/2020		
o-Xylene	0.37	0.47	ug/m³		0.37				0.00	25	
p- & m- Xylenes	0.89	0.93	"		0.89				0.00	25	
p-Ethyltoluene	0.48	0.53	"		0.48				0.00	25	
Propylene	ND	0.18	"		ND					25	
Styrene	ND	0.46	"		ND					25	
Tetrachloroethylene	ND	0.73	"		0.36					25	
Tetrahydrofuran	0.25	0.63	"		0.29				11.8	25	
Toluene	1.4	0.40	"		1.3				2.99	25	
trans-1,2-Dichloroethylene	ND	0.43	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.49	"		ND					25	
Trichloroethylene	ND	0.14	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.2	0.60	"		1.2				0.00	25	
Vinyl acetate	ND	0.38	"		ND					25	
Vinyl bromide	ND	0.47	"		ND					25	
Vinyl Chloride	ND	0.14	"		ND					25	
Surrogate: SURR: p-Bromofluorobenzene	*8.62*		*ppbv*	*10.0*		*86.2*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

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 NELAC 2009 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.

ZOG0952

AIR ANALYSIS

PAGE 1 OF ____

Date Rec'd in Lab: 7/15/20

ALPHA Job #: L2029719

ALPHA ANALYTICAL **CHAIN OF CUSTODY**

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: LANGAN, DPC
Address: 360 W. 31st St, 8th Floor NY, NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: PMCMAHON@LANGAN.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 514 Union Street
Project Location: Brooklyn, NY
Project #: 170361301
Project Manager: Paul McMahon
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker: ____
(Default based on Regulatory Criteria Indicated)
Other Formats: ____
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: ASP-B
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Please include vdepaula@langan.com and datamanagement@langan.com on all emails.

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15			Sample Comments (i.e. PID)
29719-01	AA01_071420	7/14/2020	0818	1618	-30.05	-6.57	IA	AS	6L	~~1555~~ 2567	~~1576~~ 1768	X							
02	IA01_071420	↓	0824	1624	-30.02	-6.08	SV	↓	↓	1555	1576	X							
03	IA02_071420	↓	0821	1621	-30.07	-6.31	↓	↓	↓	2120	1656	X							
04	IA03_071420	↓	0826	1626	-29.14	-5.99	↓	↓	↓	1880	1667	X							

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Ashley Stappenbeck	7/14/2020 1630	NEATURES (AAL)	7/14/2020 1635
NEATURES (AAL)	7/14/2020 1810	[signature]	7/15/20 0400
[signature]	7/23/20	[signature]	7/23 2100

7/23 2100

Form No: 101-02 Rev: (25-Sep-15)

7 May 2021

Jesse Wark
473 President LLC
51 East 12th Street, 7th Floor
New York, NY 10003

Re: Limited Subsurface Investigation Report
514 Union Street
Brooklyn, New York
NYSDEC BCP Site No. C224318
Langan Project No.: 170361303

Dear Mr. Wark:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) conducted a limited subsurface investigation on behalf of 473 President Street LLC for the property at 514 Union Street in Brooklyn, New York (the site). The objectives of the investigation were to assess the potential for soil vapor intrusion into the existing site building, and to meet the environmental assessment requirements of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Application. A BCP Application was submitted to NYSDEC in January 2021 and the site was assigned NYSDEC BCP Site No. C224318. This letter report describes the site background, investigation methodologies, results, and conclusions.

SITE BACKGROUND

The approximately 17,000-square-foot site, identified as Brooklyn Borough Tax Block 440, Lot 12, is located in an urban area in the Gowanus neighborhood of Brooklyn, New York, and consists of an one-story brick building occupied by the Royal Palms Shuffleboard Club. A site location map is included as Figure 1. The site has been occupied by commercial and industrial facilities since as early as 1886. Current and previous uses include the following:

- The Royal Palms Shuffleboard Club (2014 – present)
- Manufacturing and Storage (1993 – 2007)
- Dolin Metal Manufacturing Co. (1969 – 1992)
- Coca-Cola Bottling Co. of NY (1938 – 1950)
- Albro J. Newton Co. Trim and Planing Mill (1904 – 1915)
- Kenyon and Newton Sash and Door Factory (1886)

The site is located on the block bound by Union Street to the north, 3rd Street to the east, President Street to the south, and Nevins Street to the west. The south-adjoining parcel, 473 President Street, is in the NYSDEC BCP (BCP Site No. C224220). The east- and west-adjoining parcels, President Street Properties, are also in the NYSDEC BCP (BCP Site No. C224309). Surrounding properties include single- and multi-story buildings occupied by industrial, commercial and residential occupants. The Gowanus Canal (a National Priorities List [NPL] site) is located about 375 feet west of the site.

This limited subsurface investigation was completed in accordance with scope of work submitted via email to NYSDEC on 16 March 2021, and approved by NYSDEC on 17 March 2021. The scope of work was prepared to meet the requirements of the NYSDEC 14 August 2020 Vapor Intrusion Investigation request letter, and to address the 11 February 2021 NYSDEC comments on the BCP Application.

FIELD INVESTIGATION

The investigation was conducted between 19 and 21 March 2021 and consisted of the following field activities:

- Advancement of four soil borings to depths ranging from 16 to 21 feet below grade surface (bgs), and collection of nine soil samples
- Installation of four groundwater monitoring wells and collection of four groundwater samples
- Installation of four sub-slab vapor points and collection of four sub-slab vapor samples, four co-located indoor air samples, and an ambient air sample
- Continuous air monitoring for particulate matter less than 10 microns in diameter (PM10) and volatile organic compounds (VOC) during ground-intrusive activities (i.e., soil boring advancement and groundwater monitoring well installation)

Soil, groundwater, sub-slab vapor, indoor air, and ambient air sample locations are shown on Figure 2. A sample summary table is provided as Table 1.

Soil Investigation and Sampling

AARCO Environmental Services Corp. (AARCO) advanced four soil borings (SB01 through SB04) to depths ranging from 16 to 21 feet bgs using a track-mounted Geoprobe® 6610DT or a limited access Geoprobe® 420M direct-push drilling rigs. Soil borings SB02, SB03, and SB04 were advanced in an area inside the building with a raised finished floor, about 18 inches above the concrete slab. Boring depths and sample depths referenced in this report were measured from the top of the concrete slab beneath the raised floor.

Langan field personnel documented drilling activities, recorded physical soil characteristics, and collected soil samples. Soil samples were inspected for visual and olfactory evidence of a chemical or petroleum release and screened for organic vapors with a photoionization detector (PID). Two soil samples were collected from each soil boring; one from the historic fill interval, and one from the groundwater interface. A third sample was collected from boring SB03 to delineate observed petroleum-like impacts in the saturated zone. Soil boring logs are provided as Attachment 1.

Soil samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to Alpha Analytical Laboratories (Alpha) in Westborough, Massachusetts. Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Samples collected form the historic fill interval were analyzed for Part 375[1]-listed VOCs, semivolatile organic compounds (SVOC), pesticides, herbicides, and polychlorinated biphenyls (PCB), metals (including hexavalent and trivalent chromium), and total cyanide. Samples collected from the groundwater interface were analyzed for VOCs, SVOCs, and metals. The additional sample collected from boring SB03, to delineated observed petroleum-like impacts in the saturated zone, was analyzed for VOCs. Duplicate and field blank samples were collected for quality assurance /quality control (QA/QC).

Groundwater Investigation and Sampling

Each of the four soil borings were converted into temporary groundwater monitoring wells (MW01 through MW04) that were constructed using 1-inch-diameter polyvinyl chloride (PVC) riser pipe with 10-foot-long, 0.01-inch slotted screens set across the groundwater interface. The annulus around each well screen was backfilled with No. 2 sand.

Four groundwater samples (one from each monitoring well) were collected for laboratory analysis. Before sampling, the headspace of each well was monitored with a PID and the wells were gauged with an interface probe to determine depth to groundwater and the potential presence of free product. After purging at least three well volumes using a peristaltic pump and dedicated polyethylene tubing, a multi-parameter water quality instrument was used to record groundwater quality parameters (i.e., pH, temperature, oxidation-reduction potential [ORP], conductivity, turbidity, and dissolved oxygen) at 5-minute intervals. Due to a pump malfunction, two wells (MW02 and MW03) were purged and sampled using dedicated bailers, and groundwater quality parameters were not recorded.

Groundwater samples were collected into laboratory-supplied containers, placed in ice-chilled coolers, and delivered via courier to Alpha under standard chain-of-custody protocol for analysis.

[1] Part 375 = Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375

Two samples (MW01 and MW04) were analyzed for Part 375-listed VOCs, SVOCs, pesticides, herbicides, PCBs, and dissolved metals (including hexavalent and trivalent chromium), and the other two samples were analyzed for VOCs and SVOCs (MW02 and MW03). Duplicate and trip blank samples were collected for QA/QC.

Groundwater monitoring well construction logs are provided as Attachment 2 and groundwater sampling logs are provided as Attachment 3.

Sub-Slab Vapor and Indoor Air Sampling

The vapor intrusion investigation scope was implemented in accordance with the NYSDOH October 2006 Guidance for Evaluation Soil Vapor Intrusion in the State of New York (including subsequent updates). Four sub-slab vapor points (SSV01 through SSV04) were installed about 2 inches below the slab using a hammer drill. Each point consisted of dedicated polyethylene tubing and was sealed at the top of the concrete slab with hydrated bentonite. A seal check was performed at each sub-slab vapor point with a helium tracer gas before and after sample collection. A minimum of three tubing volumes were purged from each sub-slab vapor point prior to sampling. An NYSDOH Indoor Air Quality Questionnaire and Building Inventory was completed during the sampling event.

Four co-located indoor air samples were collected concurrently with the sub-slab vapor samples. Indoor air sample IA01 and sub-slab vapor sample SSV01 were both located near the northwestern corner of the site, however, IA01 was located near a utility hatch inside the building while SSV01 was located inside the garage. Similarly, indoor air sample IA02 and sub-slab vapor sample SSV02 were both located near the southwestern corner of the site, however, IA02 was located inside an office while SSV02 was located inside a restroom. The sub-slab vapor and indoor air samples were collected into laboratory-supplied, batch-certified, 2.7-liter Summa® canisters over an 8-hour sampling period. An ambient air sample was also collected to provide background information. Due to a flow controller malfunction, the ambient air sample was collected along Union Street over a 2-hour sampling period at the end of the sampling event. The canisters were labeled and transported via courier under a chain-of-custody to York Analytical Laboratories Inc. (York) in Stratford, Connecticut. York is a NYSDOH ELAP-certified laboratory. The samples were analyzed for VOCs via USEPA Method TO-15.

Sub-slab vapor point construction and sampling logs, and air sampling logs are provided as Attachment 4. A completed NYSDOH Indoor Air Quality Questionnaire and Building Inventory is provided as Attachment 5.

Community Air Monitoring Plan (CAMP)

One perimeter air monitoring station was deployed to continuously monitor PM10 and VOCs during ground intrusive activities (i.e., soil boring advancement and groundwater monitoring well installation) in the work zone using real-time monitoring equipment. Action levels established in the NYSDEC-approved Remedial Action Work Plan (RAWP) for 473 President Street were used. No PM10 and VOC action levels were exceeding during the monitoring periods. CAMP data summary sheets are provided as Attachment 6.

OBSERVATIONS AND RESULTS

The laboratory analytical reports for soil, groundwater, sub-slab vapor, indoor air, and ambient air samples are provided as Attachment 7. The Data Usability Summary Reports (DUSR), one for each matrix, are provided as Attachment 8.

Soil Observations

The site is underlain by historic fill generally characterized as brown and black fine-grained sand with varying amounts of coal ash, brick, slag, silt, and gravel. Historic fill was observed below the concrete slab to depths ranging between 5 and 14 feet bgs. Native fine-grained sand with varying amounts of silt, clay, and gravel was observed below the historic fill layer to the boring termination depths (16 to 21 feet bgs). Bedrock was not encountered.

Petroleum-like odor was observed between 10 and 21 feet bgs at soil boring SB03. PID readings in this interval ranged between 20.3 and 1,400 parts per million (ppm), with the maximum reading detected at 21 feet bgs (boring termination depth).

Soil Analytical Results

Soil sample analytical results were compared to Part 375 Unrestricted Use (UU), Restricted Use Restricted-Residential (RURR), and Restricted Use Commercial (RUC) Soil Cleanup Objectives (SCOs). Soil analytical results are provided in Table 2 and shown on Figure 3.

One VOC and five SVOCs were detected at concentrations above RUC SCOs. Additional VOCs, SVOCs, metals, and one pesticide were detected at concentrations above UU and/or RURR SCOs. Herbicides and PCBs were not detected.

Of the detected VOCs, eight petroleum-related VOCs were detected in soil sample SB03_19-21 in the south-central portion of the site at concentrations exceeding UU, RURR, and/or RUC SCOs. One chlorinated VOC (CVOC), trichloroethene (TCE), was detected in SB04_1-3 at a concentration above the RURR SCO and in SB04_7-9 at a concentration above the UU SCO.

Groundwater Observations and Analytical Results

Groundwater was encountered at about 10 feet bgs. The inferred regional groundwater flow direction is to the west-northwest, towards the Gowanus Canal. Petroleum-like odor and a headspace PID reading of 28.1 ppm was observed at MW03.

Groundwater sample analytical results were compared to the NYSDEC 6 NYCRR Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs"). Groundwater analytical results are provided in Table 3 and shown on Figure 4.

Multiple VOCs, SVOCs, and dissolved metals were detected at concentrations exceeding the NYSDEC SGVs. One pesticide was detected, but at a concentration below the NYSDEC SGV. Herbicides and PCBs were not detected.

The highest petroleum-related VOC concentrations were detected in the MW03 groundwater sample in the south-central portion of the site. One petroleum-related VOC was also detected in the MW02 groundwater sample at concentration above the NYSDEC SGV. The highest CVOC concentrations were detected in the MW02 groundwater sample in the southwestern portion of the site. CVOCs were also detected in MW01, MW03, and MW04 at concentrations above the NYSDEC SGVs.

Sub-Slab Vapor and Indoor Air Analytical Results

Co-located sub-slab vapor and indoor air sample analytical results were evaluated using the NYSDOH Guidance Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017). The indoor air sample analytical results were also compared to the NYSDOH Air Guideline Values (AGVs) as set forth in the NYSDOH Guidance and subsequent updates (2013, 2015). Sub-slab vapor, indoor air, and ambient air analytical results are provided in Table 4 and shown on Figure 5.

CVOCs and petroleum-related VOCs were detected in all sub-slab vapor and indoor air samples. TCE was detected in sub-slab vapor at concentrations ranging between 0.23 and 21,000 micrograms per cubic meter (µg/m^3), and in indoor air at concentrations ranging between 1.9 and 43 µg/m^3. Evaluation of TCE concentrations using the NYSDOH Decision Matrices yielded recommendations ranging from identification of source(s) and resampling to mitigation. Maximum TCE concentrations were detected in the SSV04 and IA04 locations in the southeastern portion of the site. TCE concentrations in two of the four indoor air samples exceeded the NYSDOH AGV of 2 µg/m^3. Evaluation of tetrachloroethene (PCE) and methylene chloride using the NYSDOH Decision Matrices yielded a recommendation of identification of

source(s) and resampling or mitigation. Detected PCE and methylene chloride concentrations in indoor air samples were below the NYSDOH AGV.

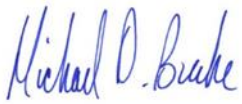
CONCLUSIONS

Multiple VOCs, SVOCs, and metals, and one pesticide, were detected in soil at concentrations exceeding UU, RURR, and/or RUC SCOs. Multiple VOCs, SVOCs, and dissolved metals were detected in groundwater at concentrations exceeding the NYSDEC SGVs. A Brownfield Cleanup Program application will be resubmitted to the NYSDEC and the extent and magnitude of the identified contamination will be defined following implementation of a remedial investigation.

Three CVOCs, TCE, PCE, and methylene chloride, were identified in sub-slab vapor and indoor air at concentrations yielding recommendations ranging from identification of source(s) and resampling to mitigation when evaluated using the NYSDOH Decision Matrices. TCE concentrations in two indoor air samples exceeded the NYSDOH AGVs. A notification of sampling results was provided to the building's tenant on 9 April 2021 and a plan for soil vapor intrusion mitigation will be developed.

Sincerely,

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



Michael D. Burke, PG, CHMM
Principal/Vice President

Enclosure(s):
Figure 1 – Site Location Map
Figure 1 – Site Plan
Figure 2 – Soil Sample Location and Analytical Results Map
Figure 3 – Groundwater Sample Location and Analytical Results Map
Figure 4 – Sub-Slab Vapor and Indoor Air Vapor Sample Location and Analytical Results Map

Table 1 – Sample Summary
Table 2 – Soil Sample Analytical Results Summary
Table 3 – Groundwater Sample Analytical Results Summary
Table 4 – Sub-Slab Vapor and Indoor Air Vapor Sample Analytical Results Summary

Attachment 1 – Soil Boring Logs
Attachment 2 – Monitoring Well Construction Logs
Attachment 3 – Groundwater Sampling Logs
Attachment 4 – Sub-Slab Vapor and Indoor Air Sampling Logs
Attachment 5 – NYSDOH Indoor Air Questionnaire and Building Inventory
Attachment 6 – CAMP Data Summary Sheets
Attachment 7 – Laboratory Analytical Data Reports
Attachment 8 – Data Usability Summary Reports

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Soil Sample Location and Analytical Results Map
Figure 4 – Groundwater Sample Location and Analytical Results Map
Figure 5 – Soil Vapor Sample Location and Analytical Results Map



NOTES:

1. BASEMAP ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, JERSEY CITY, NJ AND BROOKLYN, NY QUADRANGLES, DATED 2016.

1000 0 500 1000

SCALE: 1 INCH = 1000 FEET

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
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New York, NY 10001
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Project	514 UNION STREET BLOCK No. 440, LOT No. 12 BROOKLYN KINGS NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170361303
Date	04/05/2021
Drawn By	VDP
Checked By	PM
Figure No.	1
Sheet	1 of 5

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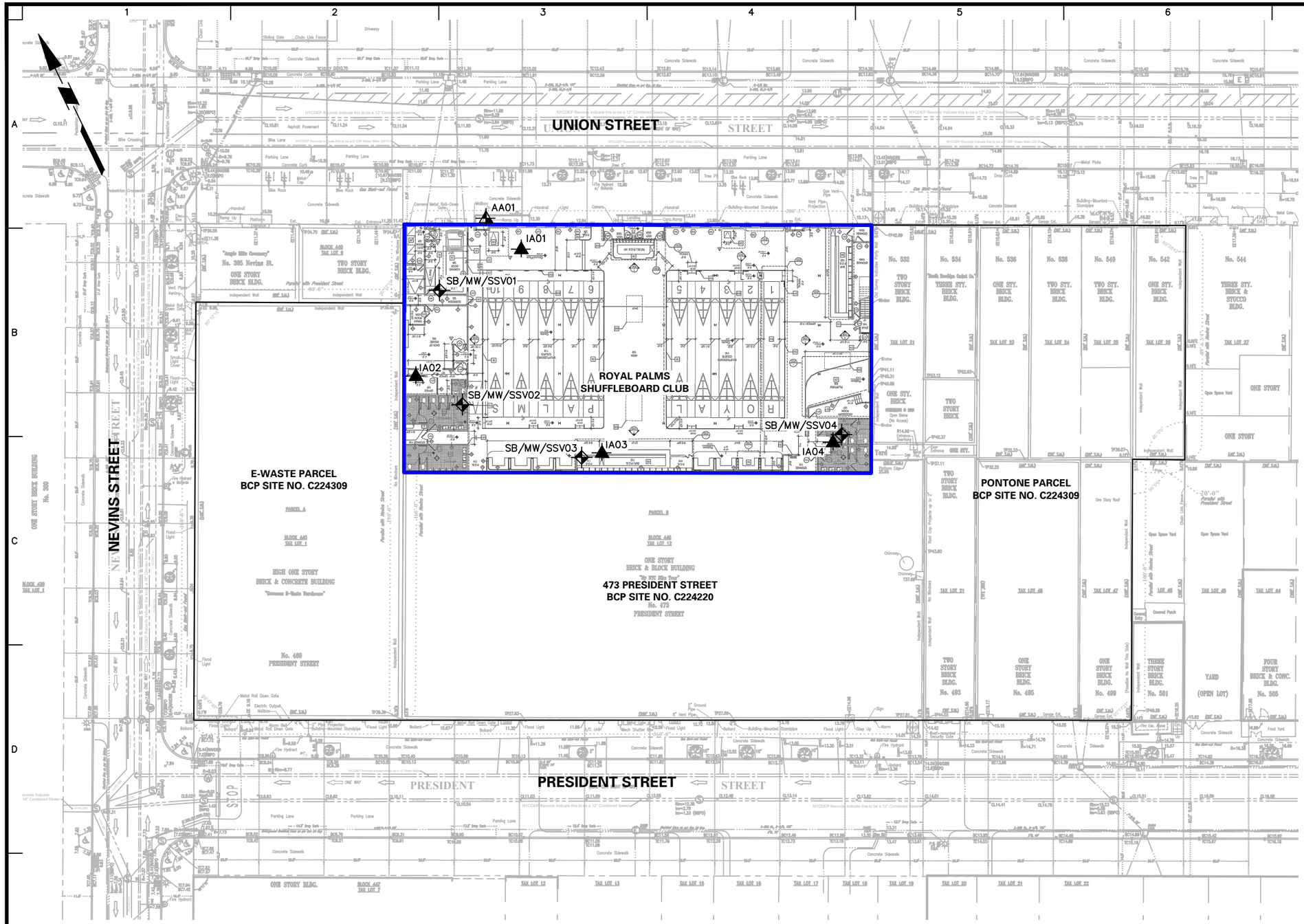
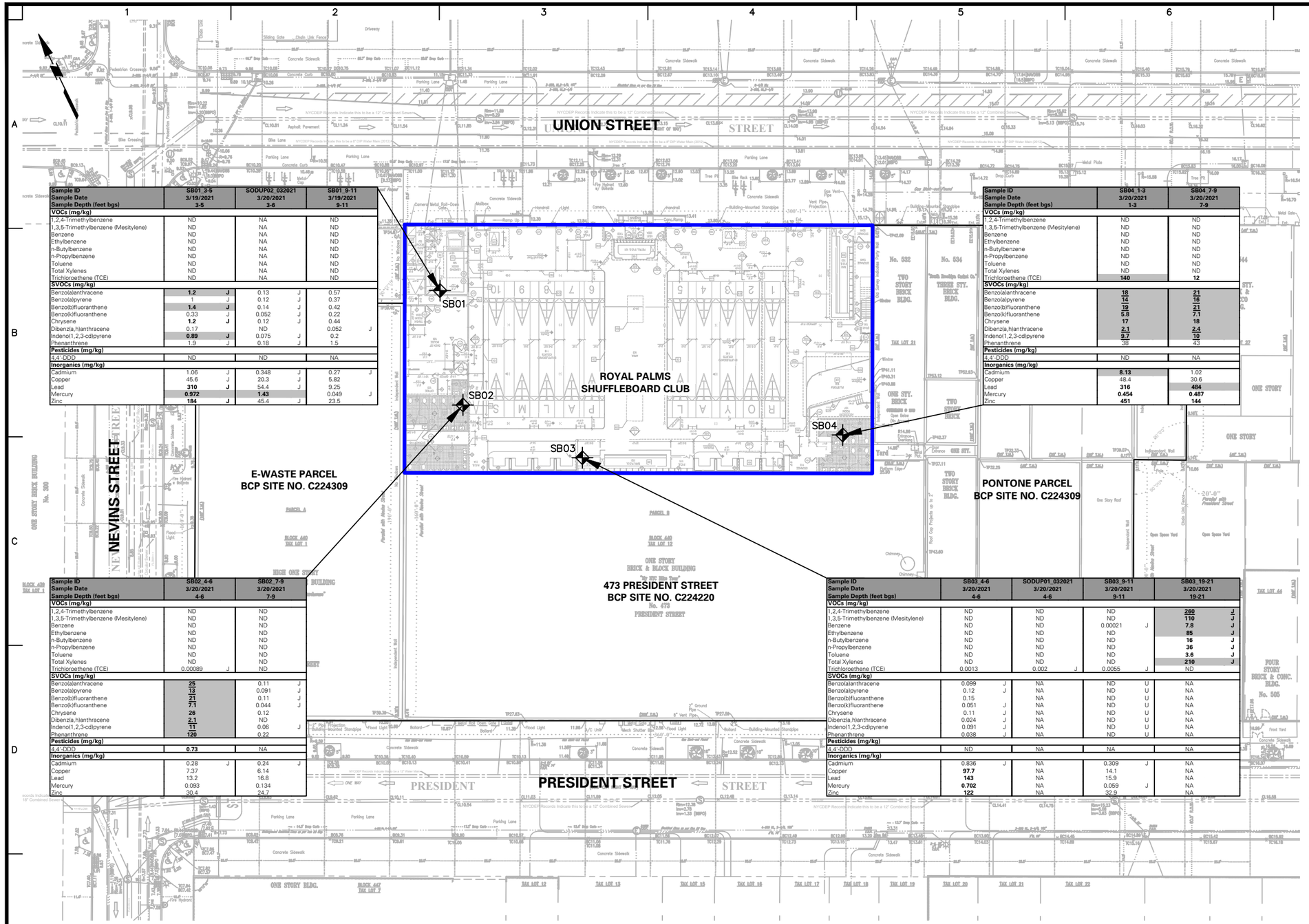
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\2021 Investigation\Figure 1 - Site Location Map.dwg Date: 4/21/2021 Time: 21:41 User: vdepaula Style Table: Langan.stb Layout: ANSIA-BP


UNION STREET
NEVINS STREET
PRESIDENT STREET
ROYAL PALMS SHUFFLEBOARD CLUB
E-WASTE PARCEL
BCP SITE NO. C224309
PONTONE PARCEL
BCP SITE NO. C224309
473 PRESIDENT STREET
BCP SITE NO. C224220
No. 473
PRESIDENT STREET
AA01
IA01
SB/MW/SSV01
IA02
SB/MW/SSV02
SB/MW/SSV03
IA03
SB/MW/SSV04
IA04
No. 532
No. 534
No. 536
No. 538
No. 540
No. 542
No. 544
No. 469
PRESIDENT STREET
No. 493
No. 495
No. 499
No. 501
No. 505
BLOCK 440
TAX LOT 1
BLOCK 440
TAX LOT 12
BLOCK 447
TAX LOT 7
HIGH ONE STORY BRICK & CONCRETE BUILDING
ONE STORY BRICK & BLOCK BUILDING
YARD (OPEN LOT)
ONE STORY BLDG.
TWO STORY BRICK BLDG.
THREE STY. BRICK BLDG.
ONE STY. BRICK BLDG.
TWO STY. BRICK BLDG.
ONE STORY
THREE STY. BRICK & STUCCO BLDG.
FOUR STORY BRICK & CONC. BLDG.
Concrete Sidewalk
Parking Lane
Driveway
Chain Link Fence
Sliding Gate
Flood Light
Bollard
Fire Hydrant
Metal Roll Down Gate
Building-Mounted Standpipe
Independent Wall
Party with Meeker Street
Parallel with President Street
Covered Porch
Open Space Yard
Front Yard
Awning
Chimney
Sign
Ground Pipe
Vent Pipe
Gas Shut-off Valve
Tree Pit
Metal Plate
Drop Curb
Fire Dep. Hose
Pedestrian Crossing
Bike Lane
Bike Crossing
Asphalt Pavement
Concrete Curb
Handrail
Ramp Up
Platform
Camera
Metal Roll-Down Gate
Electric Outlet
Mailbox
Flood Light
Bollard
Fire Hydrant
Building-Mounted Standpipe
Concrete Sidewalk
Independent Wall
Party with Meeker Street
Parallel with President Street
Open Space Yard
Front Yard
Awning
Chimney
Sign
Ground Pipe
Vent Pipe
Gas Shut-off Valve
Tree Pit
Metal Plate
Drop Curb
Fire Dep. Hose
Pedestrian Crossing
Bike Lane
Bike Crossing
Asphalt Pavement
Concrete Curb
Handrail
Ramp Up
Platform
Camera
Metal Roll-Down Gate
Electric Outlet
Mailbox
Flood Light
Bollard
Fire Hydrant
Building-Mounted Standpipe
Concrete Sidewalk
Independent Wall
Party with Meeker Street
Parallel with President Street
Covered Porch



Sample ID	SB01_3-5		SODUP02_032021		SB01_9-11	
Sample Date	3/19/2021		3/20/2021		3/19/2021	
Sample Depth (feet bgs)	3-5		3-6		9-11	
VOCs (mg/kg)						
1,2,4-Trimethylbenzene	ND		NA		ND	
1,3,5-Trimethylbenzene (Mesitylene)	ND		NA		ND	
Benzene	ND		NA		ND	
Ethylbenzene	ND		NA		ND	
n-Butylbenzene	ND		NA		ND	
n-Propylbenzene	ND		NA		ND	
Toluene	ND		NA		ND	
Total Xylenes	ND		NA		ND	
Trichloroethene (TCE)	ND		NA		ND	
SVOCs (mg/kg)						
Benzo(a)anthracene	**1.2**	**J**	0.13	J	0.57	
Benzo(a)pyrene	1	J	0.12	J	0.37	
Benzo(b)fluoranthene	**1.4**	**J**	0.14	J	0.42	
Benzo(k)fluoranthene	0.33	J	0.052	J	0.22	
Chrysene	**1.2**	**J**	0.12	J	0.44	
Dibenz(a,h)anthracene	0.17		ND		0.052	J
Indeno(1,2,3-cd)pyrene	**0.89**	**J**	0.075	J	0.2	
Phenanthrene	1.9	J	0.18	J	1.5	
Pesticides (mg/kg)						
4,4'-DDD	ND		ND		NA	
Inorganics (mg/kg)						
Cadmium	1.06	J	0.348	J	0.27	J
Copper	45.6	J	20.3	J	5.82	
Lead	**310**	**J**	54.4	J	9.25	
Mercury	**0.972**		**1.43**		0.049	J
Zinc	**184**	**J**	45.4	J	23.5	

Sample ID	SB04_1-3	SB04_7-9
Sample Date	3/20/2021	3/20/2021
Sample Depth (feet bgs)	1-3	7-9
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND
Benzene	ND	ND
Ethylbenzene	ND	ND
n-Butylbenzene	ND	ND
n-Propylbenzene	ND	ND
Toluene	ND	ND
Total Xylenes	ND	ND
Trichloroethene (TCE)	**140**	**12**
SVOCs (mg/kg)		
Benzo(a)anthracene	**18**	**21**
Benzo(a)pyrene	**14**	**16**
Benzo(b)fluoranthene	**19**	**21**
Benzo(k)fluoranthene	**5.8**	**7.1**
Chrysene	**17**	**18**
Dibenz(a,h)anthracene	**2.1**	**2.4**
Indeno(1,2,3-cd)pyrene	**9.7**	**10**
Phenanthrene	38	43
Pesticides (mg/kg)		
4,4'-DDD	ND	NA
Inorganics (mg/kg)		
Cadmium	**8.13**	1.02
Copper	48.4	30.6
Lead	**316**	**484**
Mercury	**0.454**	**0.487**
Zinc	**451**	**144**

Sample ID	SB02_4-6	SB02_7-9
Sample Date	3/20/2021	3/20/2021
Sample Depth (feet bgs)	4-6	7-9
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND
Benzene	ND	ND
Ethylbenzene	ND	ND
n-Butylbenzene	ND	ND
n-Propylbenzene	ND	ND
Toluene	ND	ND
Total Xylenes	ND	ND
Trichloroethene (TCE)	0.00089 J	ND
SVOCs (mg/kg)		
Benzo(a)anthracene	**25**	0.11 J
Benzo(a)pyrene	**13**	0.091 J
Benzo(b)fluoranthene	**21**	0.11 J
Benzo(k)fluoranthene	**7.1**	0.044 J
Chrysene	**26**	0.12
Dibenz(a,h)anthracene	**2.1**	ND
Indeno(1,2,3-cd)pyrene	**11**	0.06 J
Phenanthrene	**120**	0.22
Pesticides (mg/kg)		
4,4'-DDD	**0.73**	NA
Inorganics (mg/kg)		
Cadmium	0.28 J	0.24 J
Copper	7.37	6.14
Lead	13.2	16.8
Mercury	0.093	0.134
Zinc	30.4	24.7

Sample ID	SB03_4-6	SODUP01_032021	SB03_9-11	SB03_19-21
Sample Date	3/20/2021	3/20/2021	3/20/2021	3/20/2021
Sample Depth (feet bgs)	4-6	4-6	9-11	19-21
VOCs (mg/kg)				
1,2,4-Trimethylbenzene	ND	ND	ND	**260** J
1,3,5-Trimethylbenzene (Mesitylene)	ND	ND	ND	**110** J
Benzene	ND	ND	0.00021 J	**7.8** J
Ethylbenzene	ND	ND	ND	**85** J
n-Butylbenzene	ND	ND	ND	**16** J
n-Propylbenzene	ND	ND	ND	**36** J
Toluene	ND	ND	ND	**3.6** J
Total Xylenes	ND	ND	ND	**210** J
Trichloroethene (TCE)	0.0013	0.002 J	0.0055 J	ND
SVOCs (mg/kg)				
Benzo(a)anthracene	0.099 J	NA	ND U	NA
Benzo(a)pyrene	0.12 J	NA	ND U	NA
Benzo(b)fluoranthene	0.15	NA	ND U	NA
Benzo(k)fluoranthene	0.051 J	NA	ND U	NA
Chrysene	0.11 J	NA	ND U	NA
Dibenz(a,h)anthracene	0.024 J	NA	ND U	NA
Indeno(1,2,3-cd)pyrene	0.091 J	NA	ND U	NA
Phenanthrene	0.038 J	NA	ND U	NA
Pesticides (mg/kg)				
4,4'-DDD	ND	NA	NA	NA
Inorganics (mg/kg)				
Cadmium	0.836 J	NA	0.309 J	NA
Copper	**97.7**	NA	14.1	NA
Lead	**143**	NA	15.9	NA
Mercury	**0.702**	NA	0.059 J	NA
Zinc	**122**	NA	32.9	NA

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- SB01 — SOIL BORING LOCATION

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs
VOCs (mg/kg)			
1,2,4-Trimethylbenzene	3.6	52	190
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	190
Benzene	0.06	4.8	44
Ethylbenzene	1	41	390
n-Butylbenzene	12	100	500
n-Propylbenzene	3.9	100	500
Toluene	0.7	100	500
Total Xylenes	0.26	100	500
Trichloroethene (TCE)	0.47	21	200
SVOCs (mg/kg)			
Benzo(a)anthracene	1	1	5.6
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	5.6
Benzo(k)fluoranthene	0.8	3.9	56
Chrysene	1	3.9	56
Dibenz(a,h)anthracene	0.33	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6
Phenanthrene	100	100	500
Pesticides (mg/kg)			
4,4'-DDD	0.0033	13	92
Inorganics (mg/kg)			
Cadmium	2.5	4.3	9.3
Copper	50	270	270
Lead	63	400	1,000
Mercury	0.18	0.81	2.8
Zinc	109	10,000	10,000

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE, RESTRICTED USE RESTRICTED-RESIDENTIAL AND RESTRICTED USE COMMERCIAL SOIL CLEANUP OBJECTIVES (SCO).
4. ONLY DETECTED ANALYTES WITH CONCENTRATIONS ABOVE THE APPLICABLE SCOs ARE SHOWN.
5. DETECTED ANALYTICAL RESULTS ABOVE UNRESTRICTED USE SCOs ARE BOLDED.
6. DETECTED ANALYTICAL RESULTS ABOVE RESTRICTED USE RESTRICTED-RESIDENTIAL SCOs ARE SHADED.
7. DETECTED ANALYTICAL RESULTS ABOVE RESTRICTED USE COMMERCIAL SCOs ARE UNDERLINED.
8. SAMPLE SODUP02_032021 IS A DUPLICATE SAMPLE OF SB01_3-5 AND SAMPLE SODUP01_032021 IS A DUPLICATE SAMPLE OF SB03_4-6.
9. bgs = BELOW GRADE SURFACE
10. mg/kg = MILLIGRAMS PER KILOGRAM
11. NA = NOT ANALYZED
12. ND = NOT DETECTED
13. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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KINGS NEW YORK

Figure Title: SOIL SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170361303
Date 04/13/2021
Drawn By MA
Checked By VDP

Figure No. 3

Sheet 3 of 5

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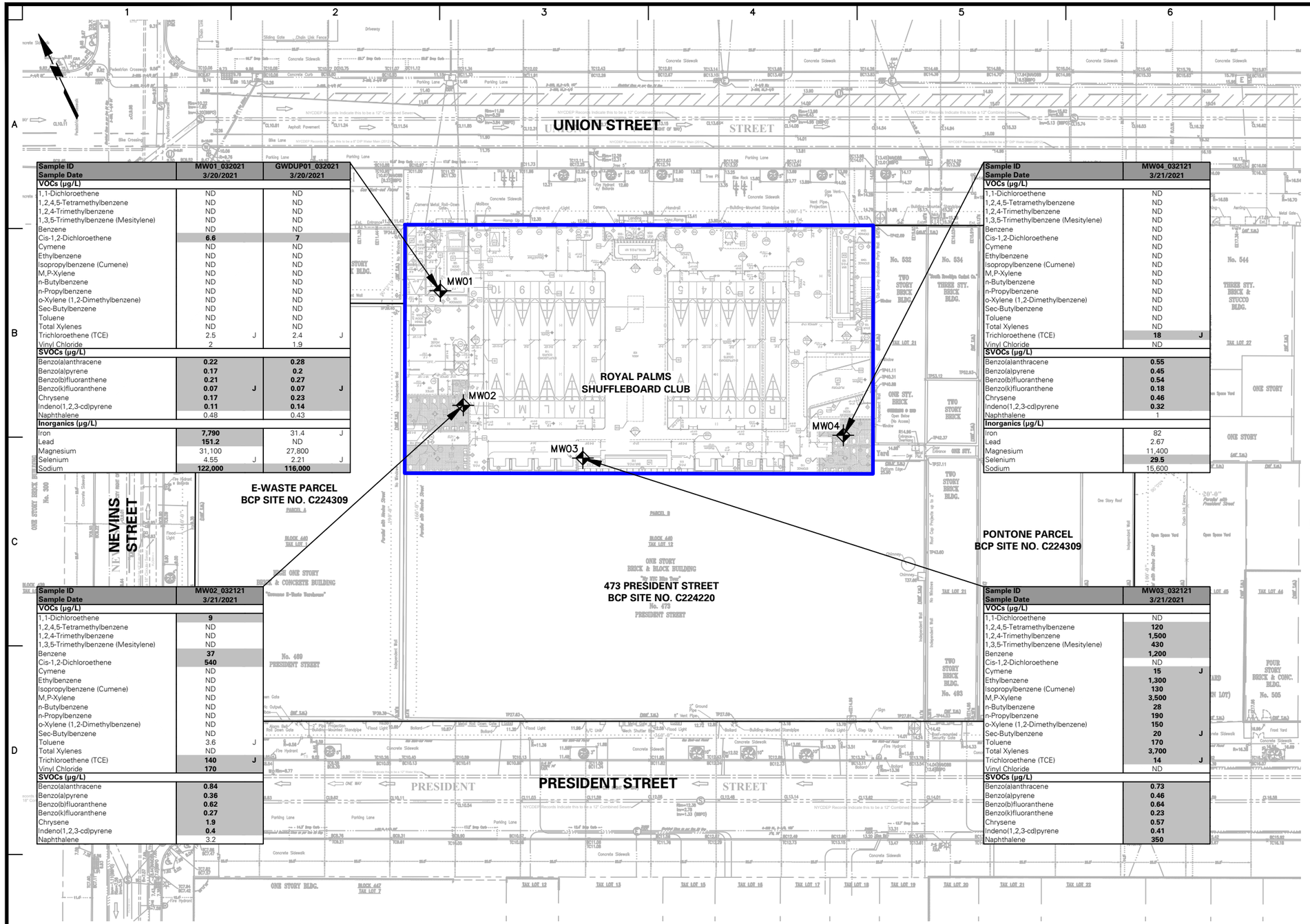
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\2021 Investigation\Figure 3 - Soil Sample Location and Analytical Results Map.dwg Date: 4/21/2021 Time: 22:21 User: vdepaula Style Table: Langan.stb Layout: ANSIB-BL



Sample ID	MW01_032021		GWDUP01_032021	
Sample Date	3/20/2021		3/20/2021	
VOCs (µg/L)				
1,1-Dichloroethene	ND		ND	
1,2,4,5-Tetramethylbenzene	ND		ND	
1,2,4-Trimethylbenzene	ND		ND	
1,3,5-Trimethylbenzene (Mesitylene)	ND		ND	
Benzene	ND		ND	
Cis-1,2-Dichloroethene	**6.6**		**7**	
Cymene	ND		ND	
Ethylbenzene	ND		ND	
Isopropylbenzene (Cumene)	ND		ND	
M,P-Xylene	ND		ND	
n-Butylbenzene	ND		ND	
n-Propylbenzene	ND		ND	
o-Xylene (1,2-Dimethylbenzene)	ND		ND	
Sec-Butylbenzene	ND		ND	
Toluene	ND		ND	
Total Xylenes	ND		ND	
Trichloroethene (TCE)	2.5	J	2.4	J
Vinyl Chloride	2		1.9	
SVOCs (µg/L)				
Benzo(a)anthracene	**0.22**		**0.28**	
Benzo(a)pyrene	**0.17**		**0.2**	
Benzo(b)fluoranthene	**0.21**		**0.27**	
Benzo(k)fluoranthene	**0.07**	**J**	**0.07**	**J**
Chrysene	**0.17**		**0.23**	
Indeno(1,2,3-cd)pyrene	**0.11**		**0.14**	
Naphthalene	0.48		0.43	
Inorganics (µg/L)				
Iron	**7,790**		31.4	J
Lead	**151.2**		ND	
Magnesium	31,100		27,800	
Selenium	4.55	J	2.21	J
Sodium	**122,000**		**116,000**	

Sample ID	MW02_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	**9**
1,2,4,5-Tetramethylbenzene	ND
1,2,4-Trimethylbenzene	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND
Benzene	**37**
Cis-1,2-Dichloroethene	**540**
Cymene	ND
Ethylbenzene	ND
Isopropylbenzene (Cumene)	ND
M,P-Xylene	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
o-Xylene (1,2-Dimethylbenzene)	ND
Sec-Butylbenzene	ND
Toluene	3.6 J
Total Xylenes	ND
Trichloroethene (TCE)	**140** J
Vinyl Chloride	**170**
SVOCs (µg/L)	
Benzo(a)anthracene	**0.84**
Benzo(a)pyrene	**0.36**
Benzo(b)fluoranthene	**0.62**
Benzo(k)fluoranthene	**0.27**
Chrysene	**1.9**
Indeno(1,2,3-cd)pyrene	**0.4**
Naphthalene	3.2

Sample ID	MW04_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	ND
1,2,4,5-Tetramethylbenzene	ND
1,2,4-Trimethylbenzene	ND
1,3,5-Trimethylbenzene (Mesitylene)	ND
Benzene	ND
Cis-1,2-Dichloroethene	ND
Cymene	ND
Ethylbenzene	ND
Isopropylbenzene (Cumene)	ND
M,P-Xylene	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
o-Xylene (1,2-Dimethylbenzene)	ND
Sec-Butylbenzene	ND
Toluene	ND
Total Xylenes	ND
Trichloroethene (TCE)	**18** J
Vinyl Chloride	ND
SVOCs (µg/L)	
Benzo(a)anthracene	**0.55**
Benzo(a)pyrene	**0.45**
Benzo(b)fluoranthene	**0.54**
Benzo(k)fluoranthene	**0.18**
Chrysene	**0.46**
Indeno(1,2,3-cd)pyrene	**0.32**
Naphthalene	1
Inorganics (µg/L)	
Iron	82
Lead	2.67
Magnesium	11,400
Selenium	**29.5**
Sodium	15,600

Sample ID	MW03_032121
Sample Date	3/21/2021
VOCs (µg/L)	
1,1-Dichloroethene	ND
1,2,4,5-Tetramethylbenzene	**120**
1,2,4-Trimethylbenzene	**1,500**
1,3,5-Trimethylbenzene (Mesitylene)	**430**
Benzene	**1,200**
Cis-1,2-Dichloroethene	ND
Cymene	**15** J
Ethylbenzene	**1,300**
Isopropylbenzene (Cumene)	**130**
M,P-Xylene	**3,500**
n-Butylbenzene	**28**
n-Propylbenzene	**190**
o-Xylene (1,2-Dimethylbenzene)	**150**
Sec-Butylbenzene	**20** J
Toluene	**170**
Total Xylenes	**3,700**
Trichloroethene (TCE)	**14** J
Vinyl Chloride	ND
SVOCs (µg/L)	
Benzo(a)anthracene	**0.73**
Benzo(a)pyrene	**0.46**
Benzo(b)fluoranthene	**0.64**
Benzo(k)fluoranthene	**0.23**
Chrysene	**0.57**
Indeno(1,2,3-cd)pyrene	**0.41**
Naphthalene	**350**

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- MW01 — MONITORING WELL LOCATION

Analyte	NYSDEC SGVs
VOCs (µg/L)	
1,1-Dichloroethene	5
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene (Mesitylene)	5
Benzene	1
Cis-1,2-Dichloroethene	5
Cymene	5
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylene	5
n-Butylbenzene	5
n-Propylbenzene	5
o-Xylene (1,2-Dimethylbenzene)	5
Sec-Butylbenzene	5
Toluene	5
Total Xylenes	5
Trichloroethene (TCE)	5
Vinyl Chloride	2
SVOCs (µg/L)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Inorganics (µg/L)	
Iron	300
Lead	25
Magnesium	35000
Selenium	10
Sodium	20000

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES AND REGULATIONS (NYCRR) PART 703.5 AND THE NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR CLASS GA WATER (HEREIN COLLECTIVELY REFERENCED AS "NYSDEC SGVs").
4. ONLY DETECTED ANALYTES WITH CONCENTRATIONS ABOVE THE APPLICABLE NYSDEC SGVs ARE SHOWN.
5. CRITERION COMPARISONS FOR TOTAL XYLENES AND M,P-XYLENE ARE PROVIDED FOR REFERENCE. PROMULGATED NYSDEC SGVs ARE FOR O-XYLENE, M-XYLENE, AND P-XYLENE.
6. DETECTED ANALYTICAL RESULTS ABOVE NYSDEC SGVs ARE BOLDED AND SHADED.
7. SAMPLE GWDUP01_032021 IS A DUPLICATE SAMPLE OF MW01_032021.
8. µg/L = MICROGRAMS PER LITER.
9. ND = NOT DETECTED.
10. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Figure Title: GROUNDWATER SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170361303
Date 04/13/2021
Drawn By MA
Checked By VDP

Figure No. 4
Sheet 4 of 5

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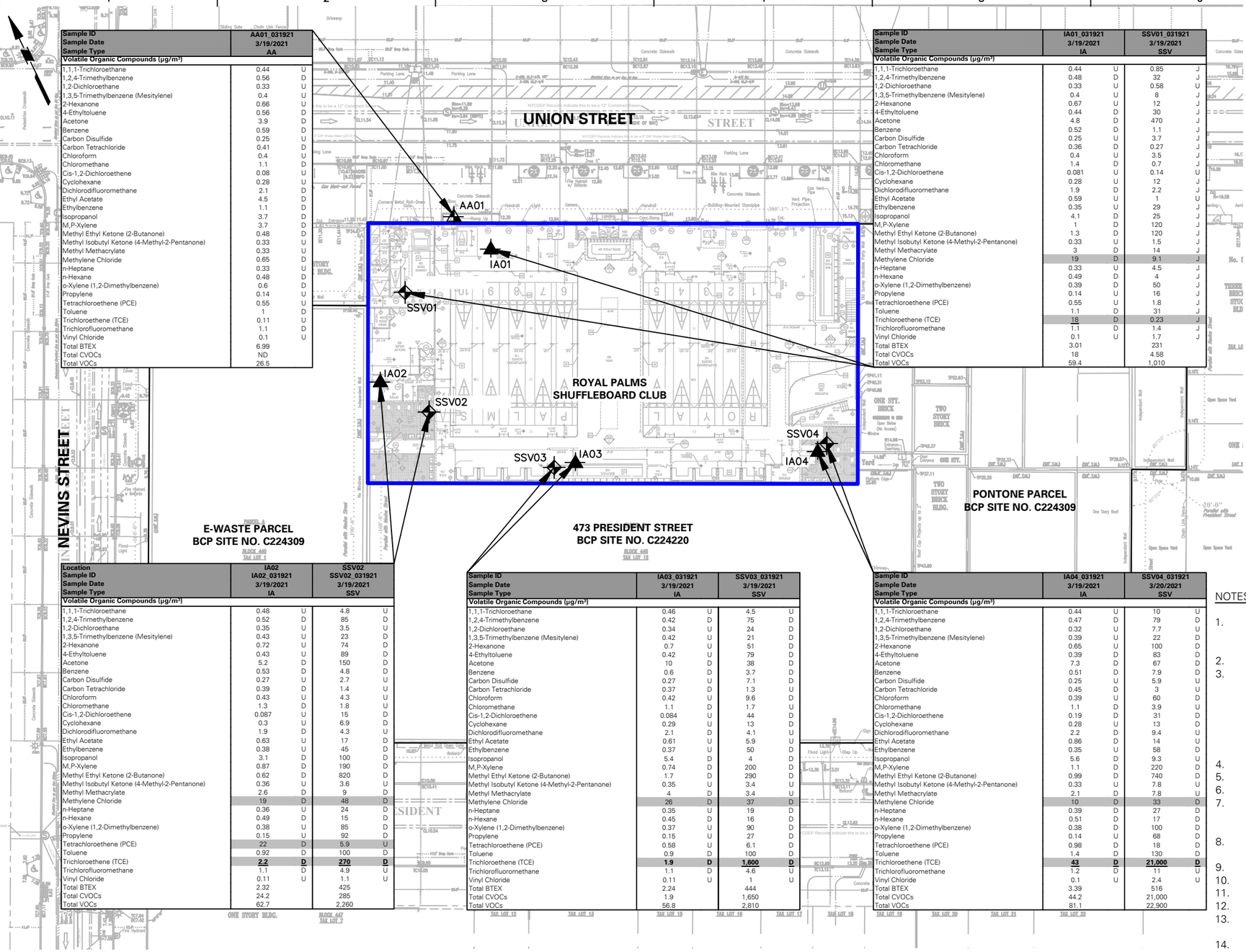
Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\2021 Investigation\Figure 4 - Groundwater Sample Location and Analytical Results Map.dwg Date: 4/27/2021 Time: 10:20 User: vdepaula Style Table: Langan.stb Layout: ANSIB-BL



Sample ID	AA01_031921	
Sample Date	3/19/2021	
Sample Type	AA	
Volatile Organic Compounds (µg/m³)		
1,1,1-Trichloroethane	0.44	U
1,2,4-Trimethylbenzene	0.56	D
1,2-Dichloroethane	0.33	U
1,3,5-Trimethylbenzene (Mesitylene)	0.4	U
2-Hexanone	0.66	U
4-Ethyltoluene	0.56	D
Acetone	3.9	D
Benzene	0.59	D
Carbon Disulfide	0.25	U
Carbon Tetrachloride	0.41	D
Chloroform	0.4	U
Chloromethane	1.1	D
Cis-1,2-Dichloroethene	0.08	U
Cyclohexane	0.28	U
Dichlorodifluoromethane	2.1	D
Ethyl Acetate	4.5	D
Ethylbenzene	1.1	D
Isopropanol	3.7	D
M,P-Xylene	3.7	D
Methyl Ethyl Ketone (2-Butanone)	0.48	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U
Methyl Methacrylate	0.33	U
Methylene Chloride	0.65	D
n-Heptane	0.33	U
n-Hexane	0.48	D
o-Xylene (1,2-Dimethylbenzene)	0.6	D
Propylene	0.14	U
Tetrachloroethene (PCE)	0.55	U
Toluene	1	D
Trichloroethene (TCE)	0.11	U
Trichlorofluoromethane	1.1	D
Vinyl Chloride	0.1	U
Total BTEX	6.99	
Total CVOCs	ND	
Total VOCs	26.5	

Sample ID	IA01_031921		SSV01_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.44	U	0.85	J
1,2,4-Trimethylbenzene	0.48	D	32	J
1,2-Dichloroethane	0.33	U	0.58	U
1,3,5-Trimethylbenzene (Mesitylene)	0.4	U	8	J
2-Hexanone	0.67	U	12	J
4-Ethyltoluene	0.44	D	30	J
Acetone	4.8	D	470	J
Benzene	0.52	D	1.1	J
Carbon Disulfide	0.25	U	3.7	J
Carbon Tetrachloride	0.36	D	0.27	J
Chloroform	0.4	U	3.5	J
Chloromethane	1.4	D	0.7	J
Cis-1,2-Dichloroethene	0.081	U	0.14	U
Cyclohexane	0.28	U	12	J
Dichlorodifluoromethane	1.9	D	2.2	J
Ethyl Acetate	0.59	U	1	U
Ethylbenzene	0.35	U	29	J
Isopropanol	4.1	D	25	J
M,P-Xylene	1	D	120	J
Methyl Ethyl Ketone (2-Butanone)	1.3	D	120	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U	1.5	J
Methyl Methacrylate	3	D	14	J
Methylene Chloride	19	D	9.1	J
n-Heptane	0.33	U	4.5	J
n-Hexane	0.49	D	4	J
o-Xylene (1,2-Dimethylbenzene)	0.39	D	50	J
Propylene	0.14	U	16	J
Tetrachloroethene (PCE)	0.55	U	1.8	J
Toluene	1.1	D	31	J
Trichloroethene (TCE)	18	D	0.23	J
Trichlorofluoromethane	1.1	D	1.4	J
Vinyl Chloride	0.1	U	1.7	J
Total BTEX	3.01		231	
Total CVOCs	18		4.58	
Total VOCs	59.4		1,010	

Location	IA02		SSV02	
Sample ID	IA02_031921		SSV02_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.48	U	4.8	U
1,2,4-Trimethylbenzene	0.52	D	85	D
1,2-Dichloroethane	0.35	U	3.5	U
1,3,5-Trimethylbenzene (Mesitylene)	0.43	U	23	D
2-Hexanone	0.72	U	74	D
4-Ethyltoluene	0.43	U	89	D
Acetone	5.2	D	150	D
Benzene	0.53	D	4.8	D
Carbon Disulfide	0.27	U	2.7	U
Carbon Tetrachloride	0.39	D	1.4	U
Chloroform	0.43	U	4.3	U
Chloromethane	1.3	D	1.8	U
Cis-1,2-Dichloroethene	0.087	U	15	D
Cyclohexane	0.3	U	6.9	D
Dichlorodifluoromethane	1.9	D	4.3	U
Ethyl Acetate	0.63	U	17	D
Ethylbenzene	0.38	U	45	D
Isopropanol	3.1	D	100	D
M,P-Xylene	0.87	D	190	D
Methyl Ethyl Ketone (2-Butanone)	0.62	D	820	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.36	U	3.6	U
Methyl Methacrylate	2.6	D	9	D
Methylene Chloride	19	D	48	D
n-Heptane	0.36	U	24	D
n-Hexane	0.49	D	15	D
o-Xylene (1,2-Dimethylbenzene)	0.38	U	85	D
Propylene	0.15	U	92	D
Tetrachloroethene (PCE)	22	D	5.9	U
Toluene	0.92	D	100	D
Trichloroethene (TCE)	2.2	D	270	D
Trichlorofluoromethane	1.1	D	4.9	U
Vinyl Chloride	0.11	U	1.1	U
Total BTEX	2.32		425	
Total CVOCs	24.2		285	
Total VOCs	62.7		2,260	

Sample ID	IA03_031921		SSV03_031921	
Sample Date	3/19/2021		3/19/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.46	U	4.5	U
1,2,4-Trimethylbenzene	0.42	D	75	D
1,2-Dichloroethane	0.34	U	24	D
1,3,5-Trimethylbenzene (Mesitylene)	0.42	U	21	D
2-Hexanone	0.7	U	51	D
4-Ethyltoluene	0.42	U	79	D
Acetone	10	D	38	D
Benzene	0.6	D	3.7	D
Carbon Disulfide	0.27	U	7.1	D
Carbon Tetrachloride	0.37	D	1.3	U
Chloroform	0.42	U	9.6	D
Chloromethane	1.1	D	1.7	U
Cis-1,2-Dichloroethene	0.084	U	44	D
Cyclohexane	0.29	U	13	D
Dichlorodifluoromethane	2.1	D	4.1	U
Ethyl Acetate	0.61	U	5.9	U
Ethylbenzene	0.37	U	50	D
Isopropanol	5.4	D	4	D
M,P-Xylene	0.74	D	200	D
Methyl Ethyl Ketone (2-Butanone)	1.7	D	290	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.35	U	3.4	U
Methyl Methacrylate	4	D	3.4	U
Methylene Chloride	26	D	37	D
n-Heptane	0.35	U	19	D
n-Hexane	0.45	D	16	D
o-Xylene (1,2-Dimethylbenzene)	0.37	U	90	D
Propylene	0.15	U	27	D
Tetrachloroethene (PCE)	0.58	U	6.1	D
Toluene	0.9	D	100	D
Trichloroethene (TCE)	1.9	D	1,600	D
Trichlorofluoromethane	1.1	D	4.6	U
Vinyl Chloride	0.11	U	1	U
Total BTEX	2.24		444	
Total CVOCs	1.9		1,650	
Total VOCs	56.8		2,810	

Sample ID	IA04_031921		SSV04_031921	
Sample Date	3/19/2021		3/20/2021	
Sample Type	IA		SSV	
Volatile Organic Compounds (µg/m³)				
1,1,1-Trichloroethane	0.44	U	10	U
1,2,4-Trimethylbenzene	0.47	D	79	D
1,2-Dichloroethane	0.32	U	7.7	U
1,3,5-Trimethylbenzene (Mesitylene)	0.39	U	22	D
2-Hexanone	0.65	U	100	D
4-Ethyltoluene	0.39	D	83	D
Acetone	7.3	D	67	D
Benzene	0.51	D	7.9	D
Carbon Disulfide	0.25	U	5.9	U
Carbon Tetrachloride	0.45	D	3	U
Chloroform	0.39	U	60	D
Chloromethane	1.1	D	3.9	U
Cis-1,2-Dichloroethene	0.19	D	31	D
Cyclohexane	0.28	U	13	D
Dichlorodifluoromethane	2.2	D	9.4	U
Ethyl Acetate	0.86	D	14	U
Ethylbenzene	0.35	U	58	D
Isopropanol	5.6	D	9.3	U
M,P-Xylene	1.1	D	220	D
Methyl Ethyl Ketone (2-Butanone)	0.99	D	740	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.33	U	7.8	U
Methyl Methacrylate	2.1	D	7.8	U
Methylene Chloride	10	D	33	D
n-Heptane	0.39	D	27	D
n-Hexane	0.51	D	17	D
o-Xylene (1,2-Dimethylbenzene)	0.38	D	100	D
Propylene	0.14	U	68	D
Tetrachloroethene (PCE)	0.98	D	18	D
Toluene	1.4	D	130	D
Trichloroethene (TCE)	43	D	21,000	D
Trichlorofluoromethane	1.2	D	11	U
Vinyl Chloride	0.1	U	2.4	U
Total BTEX	3.39		516	
Total CVOCs	44.2		21,000	
Total VOCs	81.1		22,900	

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- SB01 — SUB-SLAB VAPOR POINT SAMPLE LOCATION
- IA01 — INDOOR AIR SAMPLE LOCATION
- AA01 — AMBIENT AIR SAMPLE LOCATION

Analyte	NYSDOH AGVs
Volatile Organic Compounds (µg/m³)	
1,1,1-Trichloroethane	~
1,2,4-Trimethylbenzene	~
1,2-Dichloroethane	~
1,3,5-Trimethylbenzene (Mesitylene)	~
2-Hexanone	~
4-Ethyltoluene	~
Acetone	~
Benzene	~
Carbon Disulfide	~
Carbon Tetrachloride	~
Chloroform	~
Chloromethane	~
Cis-1,2-Dichloroethene	~
Cyclohexane	~
Dichlorodifluoromethane	~
Ethyl Acetate	~
Ethylbenzene	~
Isopropanol	~
M,P-Xylene	~
Methyl Ethyl Ketone (2-Butanone)	~
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~
Methyl Methacrylate	~
Methylene Chloride	60
n-Heptane	~
n-Hexane	~
o-Xylene (1,2-Dimethylbenzene)	~
Propylene	~
Tetrachloroethene (PCE)	30
Toluene	~
Trichloroethene (TCE)	2
Trichlorofluoromethane	~
Vinyl Chloride	~
Total BTEX	~
Total CVOCs	~
Total VOCs	~

NOTES:

1. BASE MAP ADAPTED FROM DRAWING NO. A-001.00, TITLED "PROPOSED GROUND FLOOR PLAN" BY ANDRE TCHELISTCHEFF ARCHITECTS, DATED 13 AUGUST 2013 AND SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
2. ALL LOCATIONS SHOWN WERE MEASURED IN THE FIELD AND ARE APPROXIMATE.
3. CO-LOCATED SUB-SLAB VAPOR AND INDOOR AIR SAMPLE ANALYTICAL RESULTS ARE EVALUATED USING THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK DECISION MATRICES FOR SUB-SLAB VAPOR AND INDOOR AIR AND SUBSEQUENT UPDATE (2017) AND TO THE NYSDOH AIR GUIDELINE VALUES (AGVs) AS SET FORTH IN THE NYSDOH OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK AND SUBSEQUENT UPDATES (2013, 2015).
4. ONLY DETECTED ANALYTES ARE SHOWN.
5. AMBIENT AIR SAMPLE ANALYTICAL RESULTS ARE SHOWN FOR REFERENCE ONLY.
6. DETECTED ANALYTICAL RESULTS ABOVE THE NYSDOH AGVs SAMPLE ARE UNDERLINED.
7. DETECTED ANALYTICAL RESULTS ABOVE THE MINIMUM THRESHOLD FOR WHICH IDENTIFICATION OF SOURCE(S) AND RESAMPLING OR MITIGATION IS RECOMMENDED ARE SHADED.
8. DETECTED ANALYTICAL RESULTS ABOVE THE MINIMUM THRESHOLD FOR WHICH MITIGATION IS RECOMMENDED ARE BOLDED AND SHADED.
9. ~ = REGULATORY LIMIT FOR THIS ANALYTE DOES NOT EXIST.
10. µg/m³ = MICROGRAMS PER CUBIC METER
11. AA = AMBIENT AIR; IA = INDOOR AIR; SSV = SUB-SLAB VAPOR
12. D = THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE.
13. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
14. U = THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE REPORTING LIMIT (RL) OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.

40 0 20 40

SCALE: 1 INCH = 40 FEET

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Project: 514 UNION STREET
BLOCK No. 440, LOT No. 12
BROOKLYN
KINGS NEW YORK

Figure Title: SUB-SLAB VAPOR AND INDOOR AIR SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170361303
Date 04/13/2021
Drawn By MA
Checked By VDP

Figure No. 5
Sheet 5 of 5

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Filename: \\langan.com\data\NY\data3\170361301\Cadd Data - 170361301\SheetFiles\Environmental\Shuffle Board\2021 Investigation\Figure 5 - Soil Vapor Sample Location and Analytical Results Map.dwg Date: 4/27/2021 Time: 10:22 User: vdepaula Style Table: Langan.stb Layout: ANSIB-BL

TABLES

Table 1 – Sample Summary
Table 1 – Soil Sample Analytical Results Summary
Table 2 – Groundwater Sample Analytical Results Summary
Table 3 – Sub-Slab Vapor and Indoor Air Sample Analytical Results Summary

Table 1
Sample Summary

514 Union Street
Brooklyn, New York
NYSDEC BCP Site No.: C224318
Langan Project No.: 170361303

Sample No.	Location	Sample ID	Sample Depth/ Screened Interval (feet bgs)	Sample Date	Laboratory Analyses
Soil					
1	SB01	SB01_3-5	3 - 5	3/19/2021	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
2		SODUP02_032021	3 - 5	3/20/2021	SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
2		SB01_9-11	9 - 11	3/19/2021	VOCs, SVOCs, Metals, Mercury
3	SB02	SB02_4-6	4 - 6	3/20/2021	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
4		SB02_7-9	7 - 9		VOCs, SVOCs, Metals, Mercury
6	SB03	SB03_4-6	4 - 6		VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
7		SODUP01_032021	4 - 6		VOCs
8		SB03_9-11	9 - 11		VOCs, SVOCs, Metals, Mercury
5		SB03_19-21	19 - 21		VOCs
9	SB04	SB04_1-3	1 - 3		VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
10		SB04_7-9	7 - 9		VOCs, SVOCs, Metals, Mercury
Groundwater					
1	MW01	GWDUP01_032021	7 - 17	3/20/2021	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals (Dissolved), Hexavalent Chromium (Dissolved), Trivalent Chromium (Dissolved), Mercury (Dissolved)
2		MW01_032021	7 - 17		
3	MW02	MW02_032121	6 - 16	3/21/2021	VOCs, SVOCs
4	MW03	MW03_032121	7 - 17		
5	MW04	MW04_032121	7 - 17		VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals (Dissolved), Hexavalent Chromium (Dissolved), Trivalent Chromium (Dissolved), Mercury
Indoor Air/Subslab Soil Vapor					
1	AA01	AA01_031921	-	3/19/2021	VOCs
2	IA01	IA01_031921	-		
3	IA02	IA02_031921	-		
4	IA03	IA03_031921	-		
5	IA04	IA04_031921	-		
6	SSV01	SSV01_031921	-		
7	SSV02	SSV02_031921	-		
8	SSV03	SSV03_031921	-		
9	SSV04	SSV04_031921	-		
Quality Assurance/Quality Control					
1	Field Blank	FB01_031921	-	3/19/2021	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Hexavalent Chromium, Trivalent Chromium, Mercury, Cyanide
2	Trip Blank	TB01_031921	-		VOCs
3		TB01_032121	-	3/21/2021	
4		TB02_032021	-	3/19/2021	

Notes:
1. Analyte list analyzed for inlcude the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 list, Target Compound List (TCL), and Target Analyte List (TAL)

Table 2
Soil Sample Analytical Results Summary

514 Union Street
Brooklyn, New York
NYSDEC BCP Site No.: C224318
Langan Project No.: 170361303

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	SB01		SB01		SB01		SB02		SB02		SB03		SB03		SB03		SB03		SB04		SB04	
Sample ID				SB01_3-5		SODUP02_032021		SB01_9-11		SB02_4-6		SB02_7-9		SB03_4-6		SODUP01_032021		SB03_9-11		SB03_19-21		SB04_1-3		SB04_7-9	
Laboratory ID				L2113990-01		L2114067-10		L2113990-02		L2114067-07		L2114067-08		L2114067-04		L2114067-09		L2114067-05		L2114067-06		L2114067-02		L2114067-03	
Sample Date				3/19/2021		3/20/2021		3/19/2021		3/20/2021		3/20/2021		3/20/2021		3/20/2021		3/20/2021		3/20/2021		3/20/2021		3/20/2021	
Sample Depth (feet bgs)				3-5		3-5		9-11		4-6		7-9		4-6		4-6		9-11		19-21		1-3		7-9	
Volatile Organic Compounds (mg/kg)																									
1,2,4,5-Tetramethylbenzene	~	~	~	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.00054	J	34	J	0.61	U	0.23	U
1,2,4-Trimethylbenzene	3.6	52	190	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.0022	UJ	**260**	J	0.61	U	0.23	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	190	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.0022	UJ	**110**	J	0.61	U	0.23	U
1,4-Diethyl Benzene	~	~	~	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.0022	UJ	11	J	0.61	U	0.23	U
4-Ethyltoluene	~	~	~	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.0022	UJ	140	J	0.61	U	0.23	U
Acetone	0.05	100	500	0.014	UJ	NA		0.01	UJ	0.0098	U	0.011	UJ	0.012	U	0.01	UJ	0.01	J	*6.6*	UJ	*3.1*	U	*1.2*	U
Benzene	0.06	4.8	44	0.00072	U	NA		0.0005	U	0.00049	U	0.00056	UJ	0.00058	U	0.00051	UJ	0.00021	J	**7.8**	J	*0.15*	U	0.058	U
Chloroform	0.37	49	350	0.0022	U	NA		0.0015	U	0.0015	U	0.0017	UJ	0.0017	U	0.0015	UJ	0.0017	UJ	*0.99*	UJ	0.045	J	0.18	U
Cis-1,2-Dichloroethene	0.25	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	*0.66*	UJ	0.061	J	0.12	U
Cymene	~	~	~	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	8.5	J	0.31	U	0.12	U
Ethylbenzene	1	41	390	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	**85**	J	0.31	U	0.12	U
Isopropylbenzene (Cumene)	~	~	~	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.00055	J	18	J	0.31	U	0.12	U
M,P-Xylene	~	~	~	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.0022	UJ	210	J	0.61	U	0.23	U
Naphthalene	~	100	500	0.0057	U	NA		0.0011	J	0.0039	U	0.0045	UJ	0.0046	U	0.0041	UJ	0.0044	UJ	42	J	1.2	U	0.47	U
n-Butylbenzene	12	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	UJ	0.001	UJ	0.0011	UJ	**16**	J	0.31	UJ	0.12	UJ
n-Propylbenzene	3.9	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	**36**	J	0.31	U	0.12	U
o-Xylene (1,2-Dimethylbenzene)	~	~	~	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	4.9	J	0.31	U	0.12	U
Sec-Butylbenzene	11	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.00018	J	7.1	J	0.31	U	0.12	U
T-Butylbenzene	5.9	100	500	0.0029	U	NA		0.002	U	0.002	U	0.0022	UJ	0.0023	U	0.002	UJ	0.00013	J	1.3	UJ	0.61	U	0.23	U
Tetrachloroethene (PCE)	1.3	19	150	0.00072	U	NA		0.0005	U	0.00049	U	0.00056	UJ	0.00058	U	0.00051	UJ	0.0016	J	0.33	UJ	0.49		0.2	
Toluene	0.7	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	**3.6**	J	0.31	U	0.12	U
Total 1,2-Dichloroethene (Cis and Trans)	~	~	~	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	0.66	UJ	0.061	J	0.12	U
Total Xylenes	0.26	100	500	0.0014	U	NA		0.001	U	0.00098	U	0.0011	UJ	0.0012	U	0.001	UJ	0.0011	UJ	**210**	J	*0.31*	U	0.12	U
Trichloroethene (TCE)	0.47	21	200	0.00072	U	NA		0.0005	U	0.00089	J	0.00056	UJ	0.0013		0.002	J	0.0055	J	0.33	UJ	**140**		**12**	
Semivolatile Organic Compounds (mg/kg)																									
2-Methylnaphthalene	~	~	~	0.12	J	0.23	U	0.13	J	2.2	J	0.23	U	0.24	U	NA		0.23	U	NA		1.1	J	1.4	J
Acenaphthene	20	100	500	0.23		0.16	U	0.22		1.9		0.16	U	0.16	U	NA		0.16	U	NA		2.7		3.8	
Acenaphthylene	100	100	500	0.14	J	0.16	U	0.075	J	12		0.16	U	0.16	U	NA		0.16	U	NA		1.9		2.2	
Acetophenone	~	~	~	0.041	J	0.19	U	0.19	U	1.9	U	0.19	U	0.2	U	NA		0.2	U	NA		1.8	U	1.9	U
Anthracene	100	100	500	0.45	J	0.044	J	0.48		14		0.12	U	0.12	U	NA		0.12	U	NA		8		11	
Benzo(a)anthracene	1	1	5.6	**1.2**	J	0.13	J	0.57		**25**		0.11	J	0.099	J	NA		0.12	U	NA		**18**		**21**	
Benzo(a)pyrene	1	1	1	1	J	0.12	J	0.37		**13**		0.091	J	0.12	J	NA		0.16	U	NA		**14**		**16**	
Benzo(b)fluoranthene	1	1	5.6	**1.4**	J	0.14	J	0.42		**21**		0.11	J	0.15		NA		0.12	U	NA		**19**		**21**	
Benzo(g,h,i)Perylene	100	100	500	0.96	J	0.07	J	0.16		11		0.058	J	0.095	J	NA		0.16	U	NA		9.2		9.5	
Benzo(k)fluoranthene	0.8	3.9	56	0.33	J	0.052	J	0.22		**7.1**		0.044	J	0.051	J	NA		0.12	U	NA		**5.8**		**7.1**	
Biphenyl (Diphenyl)	~	~	~	0.047	J	0.44	U	0.44	U	1.1	J	0.44	U	0.46	U	NA		0.44	U	NA		4.2	U	0.48	J
Bis(2-ethylhexyl) phthalate	~	~	~	0.075	J	0.19	U	0.19	U	1.9	U	0.19	U	0.2	U	NA		0.2	U	NA		1.8	U	1.9	U
Carbazole	~	~	~	0.16	J	0.19	U	0.18	J	1.9		0.19	U	0.2	U	NA		0.2	U	NA		2.9		2.5	
Chrysene	1	3.9	56	**1.2**	J	0.12	J	0.44		**26**		0.12		0.11	J	NA		0.12	U	NA		**17**		**18**	
Dibenz(a,h)anthracene	0.33	0.33	0.56	0.17		0.12	U	0.052	J	**2.1**		0.12	U	0.024	J	NA		0.12	U	NA		**2.1**		**2.4**	
Dibenzofuran	7	59	350	0.17	J	0.19	U	0.22		2		0.19	U	0.2	U	NA		0.2	U	NA		2.5		2.8	
Dibutyl phthalate	~	~	~	0.055	J	0.19	U	0.19	U	1.9	U	0.19	U	0.2	U	NA		0.2	U	NA		1.8	U	1.9	U
Fluoranthene	100	100	500	2.3	J	0.24	J	1.2		73		0.23		0.1	J	NA		0.12	U	NA		40		46	
Fluorene	30	100	500	0.18	J	0.19	U	0.26		4		0.19	U	0.2	U	NA		0.2	U	NA		2.5		3.9	
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	**0.89**	J	0.075	J	0.2		**11**		0.06	J	0.091	J	NA		0.16	U	NA		**9.7**		**10**	
Naphthalene	12	100	500	0.31		0.19	U	0.33		5.4		0.19	U	0.2	U	NA		0.2	U	NA		2.1		1.3	J
Phenanthrene	100	100	500	1.9	J	0.18	J	1.5		**120**		0.22		0.038	J	NA		0.12	U	NA		38		43	
Pyrene	100	100	500	2.1	J	0.2	J	0.96		84		0.22		0.1	J	NA		0.12	U	NA		36		40	
Pesticides (mg/kg)																									
4,4'-DDD	0.0033	13	92	0.00184	U	0.00181	U	NA		**0.73**		NA		0.00187	U	NA		NA		NA		0.00169	U	NA	
Herbicides (mg/kg)	~	~	~	ND		ND		NA		ND		NA		ND		NA		NA		NA		ND		NA	
Polychlorinated Biphenyls (mg/kg)	~	~	~	ND		ND		NA		ND		NA		ND		NA		NA		NA		ND		NA	
Inorganics (mg/kg)																									
Aluminum	~	~	~	5,840		5,790		8,060		8,190		7,360		6,810		NA		9,130		NA		3,280		3,830	
Antimony	~	~	~	1.63	J	4.58	U	4.65	U	4.52	U	4.44	U	4.76	J	NA		4.68	U	NA		4.35	U	2.68	J
Arsenic	13	16	16	7.01	J	3.64	J	2.6		3.6		2.88		7.78		NA		3.53		NA		10.9		5.18	
Barium	350	400	400	182	J	107	J	30.4		29.7		22.4		59.6		NA		31.5		NA		105		71.7	
Beryllium	7.2	72	590	0.228	J	0.339	J	0.372	J	0.416	J	0.391	J	0.34	J	NA		0.318	J	NA		0.357	J	0.15	J
Cadmium	2.5	4.3	9.3	1.06	J	0.348	J	0.27	J	0.28	J	0.24	J	0.836	J	NA		0.309	J	NA		**8.13**		1.02	
Calcium	~	~	~	46,400		24,500		541		635		824		3,650		NA		1,960		NA		16,500		37,200	
Chromium, Hexavalent	1	110	400	0.929	U	0.948	U	NA		0.934	U	NA		0.983	U	NA		NA		NA		0.287	J	NA	
Chromium, Total	~	~	~	13		13.7		12.5		11.6		10.8		12		NA		14.2		NA		10.7		21.8	
Chromium, Trivalent	30	180	1,500	13		14		NA		12		NA		12		NA		NA		NA		10	J	NA	
Cobalt	~	~	~	5.42		6.12		4.5		4.98		4.48		5.57		NA		4.94		NA		4.97		4.44	
Copper	50	270	270	45.6	J	20.3	J	5.82		7.37		6.14		**97.7**		NA		14.1		NA		48.4		30.6	
Cyanide	27	27	27	1.1	UJ	1.1	UJ	NA		1.4	J	NA		1.2	UJ	NA		NA		NA		1.1	UJ	NA	
Iron	~	~	~	9,980		12,600		14,400		14,300		12,300		15,200		NA		14,400		NA		9,010		26,700	
Lead	63	400	1,000	**310**	J	54.4	J	9.25		13.2		16.8		**143**		NA		15.9		NA		**316**		**484**	
Magnesium	~	~	~	4,050		2,860		1,640		1,540		1,470		1,730		NA		2,290		NA		1,560		8,470	
Manganese	1,600	2,000	10,000	465		295		167		160		123		498		NA		107		NA		98.4		362	
Mercury	0.18	0.81	2.8	**0.972**		**1.43**		0.049	J	0.093		0.134		**0.702**		NA		0.059	J	NA		**0.454**		**0.487**	
Nickel	30	310	310	20.5		18.6		8.97		9.52		9.42		10.2		NA		11.5		NA		23.4		11.4	
Potassium	~	~	~	2,810	J	1,300	J	415		474		402		706		NA		719		NA		880		1,170	
Selenium	3.9	180	1,500	1.94		0.275	J	1.86	U	1.81	U	1.78	U	0.748	J	NA		1.87	U	NA		1.63	J	1.79	
Silver	2	180	1,500	0.374	J	0.916	U	0.93	U	0.904	U	0.889	U	0.972	U	NA		0.937	U	NA		0.87	U	0.88	U
Sodium	~	~	~	1,300	J	441	J	143	J	181	U	178	U	579		NA		201		NA		358		436	
Thallium	~	~	~	0.51	J	1.83	U	1.86	U	1.81	U	1.78	U	0.389	J	NA		1.87	U	NA		1.74	U	0.378	J
Vanadium	~	~	~	18.4		15.6		16		16.6		14.9		19		NA		20.4		NA		15.8		14	
Zinc	109	10,000	10,000	**184**	J	45.4	J	23.5		30.4		24.7		**122**		NA		32.9		NA		**451**		**144**	
General Chemistry (%)																									
Total Solids	~	~	~	86.1		84.4		85.1		85.6		85.2		81.4		81.4		84		84		90.5		88	

Notes provided on Page 2.
Concentrations above Unrestricted Use SCOs are bolded.
Concentrations above Restricted Use Restricted-Residential SCOs are shaded.
Concentrations above Restricted Use Commercial SCOs are underlined.

Table 2
Soil Sample Analytical Results Summary

514 Union Street
Brooklyn, New York
NYSDEC BCP Site No.: C224318
Langan Project No.: 170361303

Notes:
1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Restricted Use Restricted-Residential and Restricted Use Commercial Soil Cleanup Objectives (SCO).
2. Criterion comparisons for total chromium are provided for reference. Promulgated SCOs shown are for trivalent chromium.
3. Only detected analytes are shown in the table.
4. Detected analytical results above Unrestricted Use SCOs are bolded.
5. Detected analytical results above Restricted Use Restricted-Residential SCOs are shaded.
6. Detected analytical results above Restricted Use Commercial SCOs are underlined.
7. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
8. Sample SODUP02_032021 is a duplicate sample of SB01_3-5 and sample SODUP01_032021 is a duplicate sample of SB03_4-6.
9. ~ = Regulatory limit for this analyte does not exist
10. bgs = below grade surface
11. mg/kg = milligrams per kilogram
12. % = percent
13. NA = Not analyzed
14. ND = Not detected

Qualifiers:
J = The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 3
Groundwater Sample Analytical Results Summary

514 Union Street
Brooklyn, New York
NYSDEC BCP Site No.: C224318
Langan Project No.: 170361303

Location		MW01		MW01		MW02		MW03		MW04	
Sample ID	NYSDEC	MW01_032021		GWDUP01_032021		MW02_032121		MW03_032121		MW04_032121	
Laboratory ID	SGVs	L2114066-01		L2114066-02		L2114070-01		L2114070-02		L2114070-03	
Sample Date		3/20/2021		3/20/2021		3/21/2021		3/21/2021		3/21/2021	
Volatile Organic Compounds (µg/L)											
1,1-Dichloroethene	5	0.5	U	0.5	U	**9**		5	U	0.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	*10*	U	**120**		2	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	*12*	U	**1,500**		2.5	U
1,3,5-Trimethylbenzene (Mesitylene)	5	2.5	U	2.5	U	*12*	U	**430**		2.5	U
1,4-Diethyl Benzene	~	2	U	2	U	10	U	250		2	U
4-Ethyltoluene	~	2	U	2	U	10	U	880		2	U
Acetone	50	2.4	J	2.5	J	40	J	48	J	5	UJ
Benzene	1	0.5	U	0.5	U	**37**		**1,200**		0.5	U
Cis-1,2-Dichloroethene	5	**6.6**		**7**		**540**		*25*	U	2.5	U
Cymene	5	2.5	U	2.5	U	*12*	U	**15**	J	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	*12*	U	**1,300**		2.5	U
Isopropylbenzene (Cumene)	5	2.5	U	2.5	U	*12*	U	**130**		2.5	U
M,P-Xylene	5	2.5	U	2.5	U	*12*	U	**3,500**		2.5	U
Naphthalene	~	2.5	UJ	2.5	UJ	4	J	420	J	0.96	J
n-Butylbenzene	5	2.5	U	2.5	U	*12*	U	**28**		2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	*12*	U	**190**		2.5	U
o-Xylene (1,2-Dimethylbenzene)	5	2.5	U	2.5	U	*12*	U	**150**		2.5	U
Sec-Butylbenzene	5	2.5	U	2.5	U	*12*	U	**20**	J	2.5	U
Toluene	5	2.5	U	2.5	U	3.6	J	**170**		2.5	U
Total 1,2-Dichloroethene (Cis and Trans)	~	6.6		7		540		25	U	2.5	U
Total Xylenes	5	2.5	U	2.5	U	*12*	U	**3,700**		2.5	U
Trichloroethene (TCE)	5	2.5	J	2.4	J	**140**	J	**14**	J	**18**	J
Vinyl Chloride	2	2		1.9		**170**		*10*	U	1	U
Semivolatile Organic Compounds (µg/L)											
1,2-Dichlorobenzene	3	2	U	2	U	2	U	0.53	J	2	U
2-Methylnaphthalene	~	0.12		0.11		1.6		99		0.49	
Acenaphthene	20	0.2		0.19		0.65		0.54		0.95	
Acenaphthylene	~	0.02	J	0.02	J	1		0.08	J	0.09	J
Acetophenone	~	5	U	5	U	1.9	J	5	U	5	U
Anthracene	50	0.14		0.16		1.5		0.33		0.57	
Benzo(a)anthracene	0.002	**0.22**		**0.28**		**0.84**		**0.73**		**0.55**	
Benzo(a)pyrene	0	**0.17**		**0.2**		**0.36**		**0.46**		**0.45**	
Benzo(b)fluoranthene	0.002	**0.21**		**0.27**		**0.62**		**0.64**		**0.54**	
Benzo(g,h,i)Perylene	~	0.09	J	0.12		0.39		0.36		0.29	
Benzo(k)fluoranthene	0.002	**0.07**	J	**0.07**	J	**0.27**		**0.23**		**0.18**	
Benzoic Acid	~	50	U	50	U	17	J	50	U	50	U
Benzyl Alcohol	~	2	U	2	U	0.9	J	2	U	2	U
Biphenyl (Diphenyl)	5	2	U	2	U	1.9	J	0.65	J	2	U
Carbazole	~	2	U	2	U	0.73	J	2	U	0.51	J
Chrysene	0.002	**0.17**		**0.23**		**1.9**		**0.57**		**0.46**	
Dibenz(a,h)anthracene	~	0.03	J	0.03	J	0.08	J	0.09	J	0.06	J
Dibenzofuran	~	2	U	2	U	1.4	J	2	U	2	U
Dibutyl phthalate	50	5	U	5	U	0.66	J	5	U	5	U
Fluoranthene	50	0.47		0.61		4.4		1.6		1.8	
Fluorene	50	0.13		0.13		2.2		0.49		0.7	
Indeno(1,2,3-cd)pyrene	0.002	**0.11**		**0.14**		**0.4**		**0.41**		**0.32**	
Naphthalene	10	0.48		0.43		3.2		**350**		1	
Phenanthrene	50	0.51		0.61		31		1.8		2.8	
Phenol	1	*5*	U	*5*	U	0.9	J	*5*	U	*5*	U
Pyrene	50	0.4		0.51		5.1		1.5		1.5	
Pesticides (µg/L)											
4,4'-DDT	0.2	0.007	J	0.008	J	NA		NA		0.029	UJ
Herbicides (µg/L)	~	ND		ND		NA		NA		ND	
Polychlorinated Biphenyls (µg/L)	~	ND		ND		NA		NA		ND	
Inorganics - Dissolved (µg/L)											
Aluminum	~	9,240		7.91	J	NA		NA		50.4	
Antimony	3	0.63	J	*4*	U	NA		NA		1.11	J
Arsenic	25	5.59		0.49	J	NA		NA		1.41	
Barium	1,000	151.1	J	18.58	J	NA		NA		20.71	
Beryllium	3	0.66		0.5	U	NA		NA		0.5	U
Cadmium	5	0.44		0.2	U	NA		NA		0.1	J
Calcium	~	76,900		58,400		NA		NA		100,000	
Chromium, Total	50	16.42		0.41	J	NA		NA		1.49	
Chromium, Trivalent (Total)	~	16		10	U	NA		NA		10	U
Cobalt	~	10.75		0.54		NA		NA		0.24	J
Copper	200	40.41		1.2		NA		NA		3.35	
Iron	300	**7,790**		31.4	J	NA		NA		82	
Lead	25	**151.2**		1	U	NA		NA		2.67	
Magnesium	35,000	31,100		27,800		NA		NA		11,400	
Manganese	300	**1,275**	J	**362.2**	J	NA		NA		16.92	
Mercury	0.7	0.17	J	0.2	U	NA		NA		0.2	U
Nickel	100	15.33		0.77	J	NA		NA		0.86	J
Potassium	~	22,300		20,100		NA		NA		9,910	
Selenium	10	4.55	J	2.21	J	NA		NA		**29.5**	
Sodium	20,000	**122,000**		**116,000**		NA		NA		15,600	
Vanadium	~	16.76		5	U	NA		NA		1.88	J
Zinc	2,000	90.58		10	U	NA		NA		9.47	J

Notes:
1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").
2. Criterion comparisons for total xylenes and m,p-xylene are provided for reference. Promulgated NYSDEC SGVs are for o-xylene, m-xylene, and p-xylene.
3. Only detected analytes are shown in the table.
4. Detected analytical results above NYSDEC SGVs are bolded and shaded.
5. Analytical results with reporting limits (RL) above NYSDEC SGVs are italicized.
6. Sample GWDUP01_032021 is a duplicate sample of MW01_032021.
7. ~ = Regulatory limit for this analyte does
8. µg/L = micrograms per liter
9. NA = Not analyzed
10. ND = Not detected

Qualifiers:
J = The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 4
Sub-Slab Vapor and Indoor Air Sample Analytical Results Summary

514 Union Street
Brooklyn, New York
NYSDEC BCP Site No.: C224318
Langan Project No.: 170361303

Location	NYSDOH AGVs	AA01		IA01		SSV01		IA02		SSV02		IA03		SSV03		IA04		SSV04	
Sample ID		AA01_031921		IA01_031921		SSV01_031921		IA02_031921		SSV02_031921		IA03_031921		SSV03_031921		IA04_031921		SSV04_031921	
Laboratory ID		21C1032-09		21C1032-05		21C1032-01		21C1032-06		21C1032-02		21C1032-07		21C1032-03		21C1032-08		21C1032-04	
Sample Date		3/19/2021		3/19/2021		3/19/2021		3/19/2021		3/19/2021		3/19/2021		3/19/2021		3/19/2021		3/20/2021	
Sample Type		AA		IA		SSV		IA		SSV		IA		SSV		IA		SSV	
Volatile Organic Compounds (µg/m³)																			
1,1,1-Trichloroethane	~	0.44	U	0.44	U	0.85	J	0.48	U	4.8	U	0.46	U	4.5	U	0.44	U	10	U
1,2,4-Trimethylbenzene	~	0.56	D	0.48	D	32	J	0.52	D	85	D	0.42	D	75	D	0.47	D	79	D
1,2-Dichloroethane	~	0.33	U	0.33	U	0.58	U	0.35	U	3.5	U	0.34	U	24	D	0.32	U	7.7	U
1,3,5-Trimethylbenzene (Mesitylene)	~	0.4	U	0.4	U	8	J	0.43	U	23	D	0.42	U	21	D	0.39	U	22	D
2-Hexanone	~	0.66	U	0.67	U	12	J	0.72	U	74	D	0.7	U	51	D	0.65	U	100	D
4-Ethyltoluene	~	0.56	D	0.44	D	30	J	0.43	U	89	D	0.42	U	79	D	0.39	D	83	D
Acetone	~	3.9	D	4.8	D	470	J	5.2	D	150	D	10	D	38	D	7.3	D	67	D
Benzene	~	0.59	D	0.52	D	1.1	J	0.53	D	4.8	D	0.6	D	3.7	D	0.51	D	7.9	D
Carbon Disulfide	~	0.25	U	0.25	U	3.7	J	0.27	U	2.7	U	0.27	U	7.1	D	0.25	U	5.9	U
Carbon Tetrachloride	~	0.41	D	0.36	D	0.27	J	0.39	D	1.4	U	0.37	D	1.3	U	0.45	D	3	U
Chloroform	~	0.4	U	0.4	U	3.5	J	0.43	U	4.3	U	0.42	U	9.6	D	0.39	U	60	D
Chloromethane	~	1.1	D	1.4	D	0.7	J	1.3	D	1.8	U	1.1	D	1.7	U	1.1	D	3.9	U
Cis-1,2-Dichloroethene	~	0.08	U	0.081	U	0.14	U	0.087	U	15	D	0.084	U	44	D	0.19	D	31	D
Cyclohexane	~	0.28	U	0.28	U	12	J	0.3	U	6.9	D	0.29	U	13	D	0.28	U	13	D
Dichlorodifluoromethane	~	2.1	D	1.9	D	2.2	J	1.9	D	4.3	U	2.1	D	4.1	U	2.2	D	9.4	U
Ethyl Acetate	~	4.5	D	0.59	U	1	U	0.63	U	17	D	0.61	U	5.9	U	0.86	D	14	U
Ethylbenzene	~	1.1	D	0.35	U	29	J	0.38	U	45	D	0.37	U	50	D	0.35	U	58	D
Isopropanol	~	3.7	D	4.1	D	25	J	3.1	D	100	D	5.4	D	4	D	5.6	D	9.3	U
M,P-Xylene	~	3.7	D	1	D	120	J	0.87	D	190	D	0.74	D	200	D	1.1	D	220	D
Methyl Ethyl Ketone (2-Butanone)	~	0.48	D	1.3	D	120	J	0.62	D	820	D	1.7	D	290	D	0.99	D	740	D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	0.33	U	0.33	U	1.5	J	0.36	U	3.6	U	0.35	U	3.4	U	0.33	U	7.8	U
Methyl Methacrylate	~	0.33	U	3	D	14	J	2.6	D	9	D	4	D	3.4	U	2.1	D	7.8	U
Methylene Chloride	60	0.65	D	19	D	9.1	J	19	D	48	D	26	D	37	D	10	D	33	D
n-Heptane	~	0.33	U	0.33	U	4.5	J	0.36	U	24	D	0.35	U	19	D	0.39	D	27	D
n-Hexane	~	0.48	D	0.49	D	4	J	0.49	D	15	D	0.45	D	16	D	0.51	D	17	D
o-Xylene (1,2-Dimethylbenzene)	~	0.6	D	0.39	D	50	J	0.38	U	85	D	0.37	U	90	D	0.38	D	100	D
Propylene	~	0.14	U	0.14	U	16	J	0.15	U	92	D	0.15	U	27	D	0.14	U	68	D
Tetrachloroethene (PCE)	30	0.55	U	0.55	U	1.8	J	22	D	5.9	U	0.58	U	6.1	D	0.98	D	18	D
Toluene	~	1	D	1.1	D	31	J	0.92	D	100	D	0.9	D	100	D	1.4	D	130	D
Trichloroethene (TCE)	2	0.11	U	18	D	0.23	J	**2.2**	D	**270**	D	**1.9**	D	**1,600**	D	**43**	D	**21,000**	D
Trichlorofluoromethane	~	1.1	D	1.1	D	1.4	J	1.1	D	4.9	U	1.1	D	4.6	U	1.2	D	11	U
Vinyl Chloride	~	0.1	U	0.1	U	1.7	J	0.11	U	1.1	U	0.11	U	1	U	0.1	U	2.4	U
Total BTEX	~	6.99		3.01		231		2.32		425		2.24		444		3.39		516	
Total CVOCs	~	ND		18		4.58		24.2		285		1.9		1,650		44.2		21,000	
Total VOCs	~	26.5		59.4		1,010		62.7		2,260		56.8		2,810		81.1		22,900	

Notes:

1. Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017) and to the NYSDOH Air Guideline Values (AGVs) as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015).
2. Ambient air sample analytical results are shown for reference only.
3. Only detected analytes are shown in the table.
4. Detected analytical results above the NYSDOH AGVs sample are underlined.
5. Detected analytical results above the minimum threshold for which identification of source(s) and resampling or mitigation is recommended are shaded.
6. Detected analytical results above the minimum threshold for which mitigation is recommended are bolded and shaded.
7. ~ = Regulatory limit for this analyte does not exist
8. µg/m³ = Micrograms per cubic meter
9. AA = Ambient air
10. IA = Indoor air
11. SSV = Sub-slab vapor
12. ND = Not detected

Qualifiers:

D = The concentration reported is a result of a diluted sample.
J = The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the reporting limit (RL) or the sample concentration for results impacted by blank contamination.

ATTACHMENT 1

Soil Boring Logs

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Log of Boring **SB/MW01** Sheet 1 of 2

Project: 514 Union Street	Project No.: 170361301
Location: Brooklyn, NY	Elevation and Datum: about el. 12.5 NAVD88 (slab)
Drilling Company: AARCO Environmental Services Corp.	Date Started: 3/19/21 — Date Finished: 3/21/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 20 ft — Rock Depth: NA
Size and Type of Bit: 2" Macrocore Cutting Shoe	Number of Samples: Disturbed 4 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 10 — Completion ▼ NA — 24 HR. ▼ 9.7
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Sergio Magana
Sampler: 2" diameter 5' steel macrocore	Field Engineer: Deirdre Casey
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R1a (0" to 12") CONCRETE slab and subbase (dry)	0						
	R1b (12" to 19") Brownish black fine SAND, trace coarse sand, coal, coal ash, and slag (dry) [FILL]	1					0	
							0	
	R1c (19" to 27") Gray gravelly fine SAND, coal, coal ash, and brick (dry) [FILL]	2	R1	MACROCORE	30"/60"		0	
							0	
	R1d (27" to 30") Black silt [COAL] (moist) [FILL]	3						Collected SB01_3-5 and SODUP02_032021
		4						
		5						
		6						
	R2a (0" to 3") Black silt [COAL] (moist) [FILL]							
	R2b (3"to 25") Orangey brown fine SAND, trace silt, trace fine subangular gravel (moist) [FILL]	7	R2	MACROCORE	42"/60"		0	
							0	
		8					0	
	R2c (25" to 42") Brown silty fine SAND (moist) [FILL]						0	
		9					0	Collected SB01_9-11
							0	
		10						
		11						
		12	R3	MACROCORE	18"/60"			
	R3a (0" to 3") Brown silty fine SAND (moist) [FILL]	13						
	R3b (3" to 10") Grayish brown fine SAND, some coarse sand, trace fine subangular gravel, brick, coal ash (moist) [FILL]						0	
		14					0	
	R3c (10" to 18") Brown fine SAND (wet)						0	
		15						

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Log of Boring **SB/MW01** Sheet 2 of 2

Project	Project No.
514 Union Street	170361301
Location	**Elevation and Datum**
Brooklyn, NY	about el. 12.5 NAVD88 (slab)

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R4a (0" to 10") Brown fine SAND (wet) R4b (10" to 44") Brown fine SAND, trace silt (wet)	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	R4	MACROCORE	44"/60"		0 0 0 0 0 0	Temporary monitoring well MW01 installed. MW01 screened 7-17 feet bgs. MW01 removed on 3/21/2021, backfilled with sand and bentonite, and the surface restored with hydraulic cement.

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Log of Boring **SB/MW02** Sheet 1 of 2

Project: 514 Union Street	Project No.: 170361301
Location: Brooklyn, NY	Elevation and Datum: about el. 13.5 NAVD88 (slab)
Drilling Company: AARCO Environmental Services Corp.	Date Started: 3/20/21 — Date Finished: 3/21/21
Drilling Equipment: Geoprobe 420 M	Completion Depth: 16 ft — Rock Depth: NA
Size and Type of Bit: 2" Macrocore Cutting Shoe	Number of Samples: Disturbed 6 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 9 — Completion ▼ NA — 24 HR. ▼ 10.1
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Sergio Magana
Sampler: 2" diameter 3' steel macrocore	Field Engineer: Deirdre Casey
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R1a (0" to 14") CONCRETE slab and subbase (dry)	0						Finished floor about 18" above concrete slab.
	R1b (14" to 21") Brown to black gravelly fine SAND, coal, and coal ash (dry) [FILL]	1	R1	MACROCORE	21"/36"		0	
		2						
		3						
		4	R2	MACROCORE	15"/36"			Collected SB02_4-6
	R2a (0" to 9") Dark gray gravelly coarse SAND, trace fine sand, coal, and coal ash (dry) [FILL]	5					0	
	R2b (9" to 15") Orangey brown silty fine SAND (moist) [FILL]						0	
		6						
		7	R3	MACROCORE	19"/36"			Collected SB02_7-9
	R3a (0" to 19") Orangey brown silty fine SAND (moist)						0	
		8					0	
							0	
		9 ▽						
		10 ▼	R4	MACROCORE	20.5"/36"			
	R4a (0" to 20.5") Black and orangey brown fine GRAVEL, some silt and fine sand (moist) [FILL]	11					0	
							0	
							0	
		12						
	R5a (0" to 10") Orangey brown fine SAND, some silt (wet)	13	R5	MACROCORE	25"/36"		0	
							0	
	R5a (10" to 25") Orangey brown silty fine SAND (wet)	14					0	
							0	
		15						

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Log of Boring **SB/MW02** Sheet 2 of 2

Project	Project No.
514 Union Street	170361301
Location	**Elevation and Datum**
Brooklyn, NY	about el. 13.5 NAVD88 (slab)

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	NO RECOVERY	15	R6	MACROCORE	0"/12"			Temporary monitoring well MW02 installed. MW02 screened 6-16 feet bgs. MW02 removed on 3/21/2021, backfilled with sand and bentonite, and the surface restored with hydraulic cement.
		16						
		17						
		18						
		19						
		20						
		21						
		22						
		23						
		24						
		25						
		26						
		27						
		28						
		29						
		30						
		31						
		32						
		33						

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Log of Boring **SB/MW03** Sheet 1 of 2

Project: 514 Union Street	Project No.: 170361301
Location: Brooklyn, NY	Elevation and Datum: about el. 13.5 NAVD88 (slab)
Drilling Company: AARCO Environmental Services Corp.	Date Started: 3/20/21 — Date Finished: 3/21/21
Drilling Equipment: Geoprobe 420 M	Completion Depth: 21 ft — Rock Depth: NA
Size and Type of Bit: 2" Macrocore Cutting Shoe	Number of Samples: Disturbed 7 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 10 — Completion ▼ NA — 24 HR. ▼ 10.1
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Sergio Magana
Sampler: 2" diameter 3' steel macrocore	Field Engineer: Deirdre Casey
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R1a (0" to 12") CONCRETE slab and subbase (dry)	0						Finished floor about 18" above concrete slab.
	R1b (12" to 28") Gray to brown gravelly fine SAND, coal, coal ash, and slag (dry) [FILL]	1	R1	MACROCORE	28"/36"		0.3	
		2					0.2	
		3						
		4	R2	MACROCORE	20"/36"		0.2	Collected SB03_4-6 and SODUP01_032021
	R2a (0" to 10") Gray to brown gravelly fine SAND, coal, coal ash, and slag (dry) [FILL]	5					0.6	
	R2b (10" to 12") Brown with white and black gravelly SILT, some fine sand (moist) [FILL]						0.4	
	R2c (12" to 20") Brown silty fine SAND, trace fine gravel (moist) [FILL]	6					0.2	
		7	R3	MACROCORE	10"/36"			
	R3a (0" to 5") Brown gravelly fine SAND, trace slag, coal, and brick (moist) [FILL]	8					0.1	
	R3b (5" to 10") Light gray fine SAND, trace fine gravel (dry) [FILL]						0.1	
		9						Collected SB03_9-11
		10	R4	MACROCORE	9.5"/36"			Petroleum-like and/or sulfur-like odor observed from 10 to 21 feet bgs
	R4a (0" to 8") Brown silty fine SAND (moist)	11					0.1	
	R4b (8" to 10") Brownish gray fine SAND, some silt, trace gravel (wet)						20.3	
		12						
		13	R5	MACROCORE	4"/36"			
		14						
	R5a (0" to 4") Brown silty fine SAND (moist)						207.9	
		15						

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Log of Boring **SB/MW03** Sheet 2 of 2

Project	Project No.
514 Union Street	170361301
Location	**Elevation and Datum**
Brooklyn, NY	about el. 13.5 NAVD88 (slab)

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R6a (0" to 21.5") Brownish gray fine SAND, some silt, trace clay, trace fine gravel (wet)	15	R6	MACROCORE	21.5"/36"		382.4	
		16					243.5	
		17					661.2	
		18					337.9	
		19					230.9	
	R7a (0" to 22.5") Orangey brown to gray silty fine SAND, trace clay (wet)	20	R7	MACROCORE	22.5"/36"		52	Collected SB03_19-21
		21					165.8	
		22					570.8	
		23					1400	Temporary monitoring well MW03 installed. MW03 screened 7-17 feet bgs. MW03 removed on 3/21/2021, backfilled with sand and bentonite, and the surface restored with hydraulic cement.
		24						
		25						
		26						
		27						
		28						
		29						
		30						
		31						
		32						
		33						

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Log of Boring **SB/MW04** Sheet 1 of 2

Project: 514 Union Street	Project No.: 170361301
Location: Brooklyn, NY	Elevation and Datum: about el. 13.5 NAVD88 (slab)
Drilling Company: AARCO Environmental Services Corp.	Date Started: 3/20/21 — Date Finished: 3/21/21
Drilling Equipment: Geoprobe 420 M	Completion Depth: 18 ft — Rock Depth: NA
Size and Type of Bit: 2" Macrocore Cutting Shoe	Number of Samples: Disturbed 6 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 8 — Completion ▼ NA — 24 HR. ▼ 9.3
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Sergio Magana
Sampler: 2" diameter 3' steel macrocore	Field Engineer: Deirdre Casey
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R1a (0" to 12") CONCRETE slab and subbase (dry)	0						Finished floor about 18" above concrete slab.
	R1b (12" to 23") Gray to black fine SAND, trace fine angular gravel, slag, coal, coal ash and brick (dry) [FILL]	1	R1	MACROCORE	23"/36"		1.1	Collected SB04_1-3
		2					0.2	
		3						
	R2a (0" to 17") Gray to black fine SAND, trace fine angular gravel, slag, coal, coal ash and brick (dry) [FILL]	4	R2	MACROCORE	22"/36"		0.3	
		5					0.2	
	R2b (17" to 22") Brown fine SAND, trace silt, trace fine gravel (wet)						0.1	
		6						
	R3a (0" to 17.5") Brown fine SAND, trace silt, trace fine gravel (wet)	7	R3	MACROCORE	17.5"/36"		0	Collected SB04_7-9
		8 ▽					0	
							0	
		9 ▼						
	R4a (0" to 10") Brown fine SAND, trace silt, trace fine gravel (wet)	10	R4	MACROCORE	24"/36"		0	
							0	
	R4b (10" to 24") Brown fine SAND, some silt, trace fine gravel (wet)	11					0	
							0	
		12						
	R5a (0" to 17.5") Brown fine SAND, some silt, trace fine gravel (wet)	13	R5	MACROCORE	17.5"/36"		0	
		14					0	
							0	
		15						

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Log of Boring **SB/MW04** Sheet 2 of 2

Project	Project No.
514 Union Street	170361301
Location	**Elevation and Datum**
Brooklyn, NY	about el. 13.5 NAVD88 (slab)

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	R6a (0" to 12") Brown fine SAND, some silt, trace fine gravel (wet)	15	R6	MACROCORE	24"/36"		0	Temporary monitoring well MW04 installed. MW04 screened 7-17 feet bgs. MW04 removed on 3/21/2021, backfilled with sand and bentonite, and the surface restored with hydraulic cement.
	R6b (12" to 24") Brown silty fine SAND	16					0	
		17					0	
		18					0	
		19						
		20						
		21						
		22						
		23						
		24						
		25						
		26						
		27						
		28						
		29						
		30						
		31						
		32						
		33						

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ATTACHMENT 2

Monitoring Well Construction Logs

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW01

PROJECT		PROJECT NO.	
514 Union Street		170361301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		about el. 12.5 NAVD88 (slab)	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		3/19/2021	3/21/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610 DT		Sergio Magana	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Deirdre Casey	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch Direct Push		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1-inch	No. 2 sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	1-inch	None (Open-hole)	None (Open-hole)

METHOD OF INSTALLATION

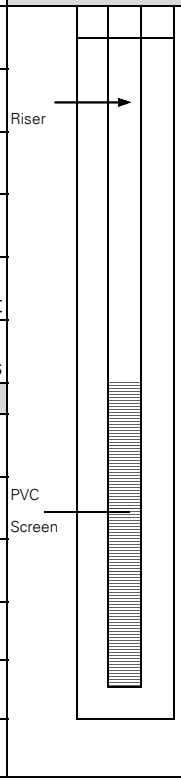
Geoprobe 6610 DT was used to advance the boring to approximately 17 feet bgs. A one-inch (1") PVC temporary monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 7 to 17 feet bgs with riser from 7 feet bgs to surface.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	N/A	**MAX PUMP RATE**	N/A	Well was developed by purging approximately 3 well volumes.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

	ELEVATION	DEPTH (ft)
TOP OF CASING	12.5	0
TOP OF SEAL	N/A	N/A
TOP OF FILTER	N/A	N/A
TOP OF SCREEN	5.5	7.0
BOTTOM OF BORING	-4.5	17
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
FILL	7
SAND	17

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
2.8	3/20/2021	9.7 ft
-		
-		
-		
-		
-		

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW02

PROJECT		PROJECT NO.	
514 Union Street		170361301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		about el. 13.5 NAVD88 (slab)	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		3/20/2021	3/21/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 420M		Sergio Magana	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Deirdre Casey	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch Direct Push		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1-inch	No. 2 sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	1-inch	None (Open-hole)	None (Open-hole)

METHOD OF INSTALLATION

Geoprobe 420M was used to advance the boring to approximately 16 feet bgs. A one-inch (1") PVC temporary monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 6 to 16 feet bgs with riser from 6 feet bgs to surface.

WELL DEVELOPMENT DATA

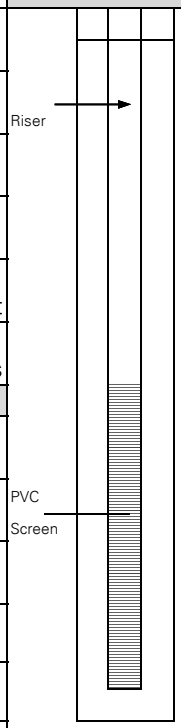
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	N/A	**MAX PUMP RATE**	N/A	Well was developed by purging approximately 3 well volumes.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

	ELEVATION	DEPTH (ft)
TOP OF CASING	13.5	0
TOP OF SEAL	N/A	N/A
TOP OF FILTER	N/A	N/A
TOP OF SCREEN	7.5	6.0
BOTTOM OF BORING	-2.5	16
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
3.4	3/21/2021	10.1 ft
-		ft
-		
-		
-		
-		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Finished floor about 18" above concrete slab.	
FILL	
	6
SAND	
	16

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW03

PROJECT		PROJECT NO.	
514 Union Street		170361301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		about el. 13.5 NAVD88 (slab)	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		3/20/2021	3/21/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 420M		Sergio Magana	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Deirdre Casey	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch Direct Push		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1-inch	No. 2 sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	1-inch	None (Open-hole)	None (Open-hole)

METHOD OF INSTALLATION

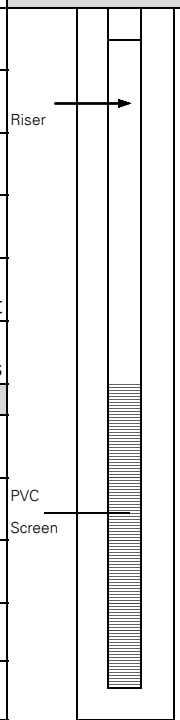
Geoprobe 420M was used to advance the boring to approximately 17 feet bgs. A one-inch (1") PVC temporary monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 7 to 17 feet bgs with riser from 7 feet bgs to surface.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	N/A	**MAX PUMP RATE**	N/A	Well was developed by purging approximately 3 well volumes.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

TOP OF CASING **ELEVATION** 13.5	**DEPTH (ft)** 0	
TOP OF SEAL **ELEVATION** N/A	**DEPTH (ft)** N/A	
TOP OF FILTER **ELEVATION** N/A	**DEPTH (ft)** N/A	
TOP OF SCREEN **ELEVATION** 6.5	**DEPTH (ft)** 7.0	
BOTTOM OF BORING **ELEVATION** -3.5	**DEPTH (ft)** 17	
SCREEN LENGTH	10 feet	
SLOT SIZE	No. 10 Slot; 0.010 Inches	

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Finished floor about 18" above concrete slab.	
FILL	
	7
SAND	
	17

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
3.4	3/21/2021	10.1 ft
-		ft
-		
-		
-		
-		

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW04

PROJECT		PROJECT NO.	
514 Union Street		170361301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		about el. 13.5 NAVD88 (slab)	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		3/20/2021	3/21/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 420M		Sergio Magana	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Deirdre Casey	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch Direct Push		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1-inch	No. 2 sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	1-inch	None (Open-hole)	None (Open-hole)

METHOD OF INSTALLATION

Geoprobe 420M was used to advance the boring to approximately 17 feet bgs. A one-inch (1") PVC temporary monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 7 to 17 feet bgs with riser from 7 feet bgs to surface.

WELL DEVELOPMENT DATA

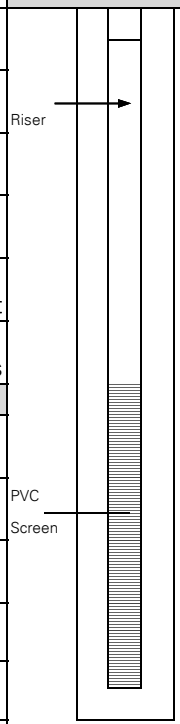
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	N/A	**MAX PUMP RATE**	N/A	Well was developed by purging approximately 3 well volumes.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

	ELEVATION	DEPTH (ft)
TOP OF CASING	13.5	0
TOP OF SEAL	N/A	N/A
TOP OF FILTER	N/A	N/A
TOP OF SCREEN	6.5	7.0
BOTTOM OF BORING	-3.5	17
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
3.25	3/20/2021	10.25 ft
4.17	3/21/2021	9.33 ft
-		
-		
-		
-		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Finished floor about 18" above concrete slab.	
FILL	
	7
SAND	
	17

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

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ATTACHMENT 3

Groundwater Sampling Logs

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	514 Union Street	**Well No:**	MW01	**Water Quality Device Model:**	Horiba U52	**Weather:**	Sunny, 34 F		MW01_032021
Project Number:	170361301	**Well Depth:**	16.42	**Pine Number:**	21437	**Background PID (ppm):**	0.0	**Sample(s):**	GWDUP01_032021
Site Location:	Brooklyn, NY	**Well Diameter:**	1-inch	**Pump Make and Model:**	Pine Geopump	**PID Beneath Inner Cap (ppm):**	1.9		
Sampling	Deirdre Casey	**Well Screen**	7 feet bgs	**Pine Number:**	19998	**Pump Intake Depth:**	15.0	**Sample Date:**	3/20/2021
Personnel:	--	**Interval:**	17 feet bgs	**Tubing Diameter:**	1/4" ID X 3/8" OD	**Depth to Water Before Purge:**	9.7	**Sample Time:**	9:40

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.
BEGIN PURGING										
8:40	12.26	7.53	52	0.771	1000.0	2.25	9.70	--	0	
8:45	15.13	8.55	-25	0.716	1000.0	1.20	--	0.05	0.25	
8:50	15.87	8.31	-38	0.682	1000.0	0.71	--	0.05	0.5	
8:55	16.56	8.05	-46	0.640	1000.0	0.53	--	0.05	0.75	
9:00	16.32	8.00	-46	0.653	1000.0	0.50	--	0.05	1	grayish brown turbid discharge
9:05	15.64	7.99	-42	0.655	1000.0	0.47	--	0.05	1.25	
9:10	16.26	7.89	-29	0.637	1000.0	0.90	--	0.02	1.35	
9:15	16.49	7.89	-35	0.622	1000.0	0.35	--	0.03	1.5	
9:20	16.52	7.84	-52	0.604	1000.0	0.26	--	0.05	1.75	
9:25	16.53	7.83	-53	0.597	1000.0	0.21	--	0.05	2	
9:30	16.55	7.81	-57	0.599	1000.0	0.08	--	0.05	2.25	
9:35	16.53	7.80	-54	0.599	1000.0	0.06	--	0.05	2.5	
9:40	16.51	7.80	-55	0.596	1000.0	0.04	--	0.03	2.65	

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	514 Union Street	**Well No:**	MW02	**Water Quality Device Model:**	N/A	**Weather:**	Sunny, 55-60 F		MW02_032121
Project Number:	170361301	**Well Depth:**	16	**Pine Number:**	N/A	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	1-inch	**Pump Make and Model:**	0.75" by 36" Bailer	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Thomas Schiefer	**Well Screen**	6	**Pine Number:**	N/A	**Pump Intake Depth:**	N/A	**Sample Date:**	3/21/2021
Personnel:	–	**Interval:**	16	**Tubing Diameter:**	N/A	**Depth to Water Before Purge:**	10.1	**Sample Time:**	13:50

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:35									0.07		**N/A**
13:37									0.14		**N/A**
13:41									0.21	Turbid	**N**
13:43									0.28		**N**
13:46									0.33		**N**
13:48									0.4	3 Well Volumes Bailed	**N**
Due to equipment failure, about 0.4 gallons (3 well volumes) was bailed before sample collection.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	514 Union Street	**Well No:**	MW03	**Water Quality Device Model:**	N/A	**Weather:**	Sunny, 55-60 F	**Sample(s):**	MW03_032121
Project Number:	170361301	**Well Depth:**	17.8	**Pine Number:**	N/A	**Background PID (ppm):**	0.0		
Site Location:	Brooklyn, NY	**Well Diameter:**	1-inch	**Pump Make and Model:**	0.75" by 36" Bailer	**PID Beneath Inner Cap (ppm):**	28.1		
Sampling Personnel:	Thomas Schiefer –	**Well Screen Interval:**	7 feet bgs 17 feet bgs	**Pine Number:**	N/A	**Pump Intake Depth:**	N/A	**Sample Date:**	3/21/2021
				Tubing Diameter:	N/A	**Depth to Water Before Purge:**	10.1	**Sample Time:**	14:10

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:55									0.07		**N/A**
13:57									0.14		**N/A**
14:00									0.21	Turbid; Slight Petroleum-like Odor	**N**
14:03									0.28		**N**
14:05									0.33		**N**
14:08									0.4	3 Well Volumes Bailed	**N**
Due to equipment failure, about 0.4 gallons (3 well volumes) was bailed before sample collection.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
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											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	514 Union Street	**Well No:**	MW04	**Water Quality Device Model:**	Horiba U52-2	**Weather:**	Sunny, 55-60 F		MW04_032121
Project Number:	170361301	**Well Depth:**	16.9	**Pine Number:**	21437	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	1-inch	**Pump Make and Model:**	Peri-Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Thomas Schiefer	**Well Screen**	7 feet bgs	**Pine Number:**	19998	**Pump Intake Depth:**	14.50	**Sample Date:**	3/21/2021
Personnel:	--	**Interval:**	17 feet bgs	**Tubing Diameter:**	1/4" ID X 3/8" OD	**Depth to Water Before Purge:**	9.33	**Sample Time:**	9:47

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:47	16.98	8.52	114	0.724	1000.0	2.56	9.33	-	0.25		**N/A**
8:52	17.25	8.50	-10	0.638	849.0	5.56	-	0.05	0.5		**N/A**
8:57	17.29	8.47	-53	0.520	807.0	8.63	-	0.1	1		**N**
9:02	17.31	8.49	-25	0.480	800.0	1.24	-	0.1	1.5		**N**
9:07	17.31	8.46	-20	0.462	1000.0	1.21	-	0.05	1.75		**N**
9:12	17.30	8.45	-12	0.448	1000.0	1.49	-	0.03	1.9		**N**
9:17	17.31	8.41	-6	0.438	1000.0	1.46	-	0.05	2.15	Yellowish Color	**N**
9:22	17.31	8.37	-3	0.429	1000.0	1.43	-	0.05	2.4		**N**
9:27	17.31	8.33	0	0.420	921.0	1.40	-	0.02	2.5		**N**
9:32	17.32	8.23	5	0.403	921.0	1.40	-	0.06	2.8		**N**
9:37	17.33	8.25	4	0.414	516.0	1.46	-	0.04	3		**N**
9:42	17.33	8.22	8	0.411	422.0	1.38	-	0.1	3.5		**N**
9:47	17.34	8.20	13	0.417	359.0	1.35	-	0.05	3.75		**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

ATTACHMENT 4

Sub-Slab Vapor and Indoor Air Sampling Logs

SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV01_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 12.5 NAVD88 (slab)	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.	**INSTALLATION DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION FOREMAN: Sergio Mangana	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
INSPECTOR: Deirdre Casey	**SAMPLER:** Deirdre Casey	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 40 Degrees Farenheit Wind: North @ 3-8 mph Precipitation: None Pressure: 1029 mb	

METHOD OF INSTALLATION AND PURGING:

AARCO advanced subslab vapor point to 2-inches below the top of the slab. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite		
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite		
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** None (Prefered)		

PURGE VOLUME (L):	0.10		**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**	**DEPTH (FEET FROM SURFACE)**	**NOTES**
PURGE FLOW RATE (ML/MIN):	200 (8-hour)				
PID AFTER PURGE (PPM):	0.4 ppm		SURFACE / SURFACE		
HELIUM TESTS	Pre-sampling	Post-sampling			
HELIUM TEST IN BUCKET(%):	39.0	13.3	**Top of Seal**	0.00	
HELIUM TEST IN TUBE (PPM):	470	350			
SAMPLE START TIME:	15:37				
SAMPLE STOP TIME:	23:17		**Bottom of Slab**	1.00	Concrete slab approximately 1 foot thick
TOTAL SAMPLE TIME (MIN):	460				
REGULATOR FLOW RATE (L/MIN):	0.005		**Tube Depth**	1.16	
VOLUME OF SAMPLE (LITERS):	2.7				
PID AFTER SAMPLE (PPM):	0.3				
SAMPLE MOISTURE CONTENT:	NA				
CAN SERIAL NUMBER:	3430				
REGULATOR SERIAL NUMBER:	12189				
CAN START VACUUM PRESS. (" HG):	-30.00				
CAN STOP VACUUM PRESS. (" HG):	-4.00				

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

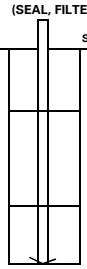
Sample Number: SSV02_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.	**INSTALLATION DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION FOREMAN: Sergio Mangana	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
INSPECTOR: Deirdre Casey	**SAMPLER:** Deirdre Casey	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 40 Degrees Farenheit Wind: North @ 3-8 mph Precipitation: None Pressure: 1029 mb	

METHOD OF INSTALLATION AND PURGING:
AARCO advanced subslab vapor point to 2-inches below the top of the slab. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing		**TYPE OF MATERIAL ABOVE SEAL:** Bentonite	
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite	
BOREHOLE DIAMETER: 1-inch		**FILTER PACK MATERIAL (Sand or Glass Beads):** None (Prefered)	
PURGE VOLUME (L):	0.10		
PURGE FLOW RATE (ML/MIN):	200 (8-hour)		
PID AFTER PURGE (PPM):	3.1		
HELIUM TESTS	Pre-sampling / Post-sampling		
HELIUM TEST IN BUCKET(%):	25.2 / 12.5		
HELIUM TEST IN TUBE (PPM):	375 / 200		
SAMPLE START TIME:	14:46		
SAMPLE STOP TIME:	23:21		
TOTAL SAMPLE TIME (MIN):	515		
REGULATOR FLOW RATE (L/MIN):	0.005		
VOLUME OF SAMPLE (LITERS):	2.7		
PID AFTER SAMPLE (PPM):	0.7		
SAMPLE MOISTURE CONTENT:	N/A		
CAN SERIAL NUMBER:	3194		
REGULATOR SERIAL NUMBER:	Y-41		
CAN START VACUUM PRESS. (" HG):	-29.40		
CAN STOP VACUUM PRESS. (" HG):	-12.00		

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.00	Finished floor about 18" above concrete slab.
Bottom of Slab	1.00	Concrete slab approximately 1 foot thick
Tube Depth	1.16	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV03_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.	**INSTALLATION DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION FOREMAN: Sergio Mangana	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
INSPECTOR: Deirdre Casey	**SAMPLER:** Deirdre Casey	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 40 Degrees Farenheit Wind: North @ 3-8 mph Precipitation: None Pressure: 1029 mb	

METHOD OF INSTALLATION AND PURGING:
AARCO advanced subslab vapor point to 2-inches below the top of the slab. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** None (Prefered)

PURGE VOLUME (L):	0.10	
PURGE FLOW RATE (ML/MIN):	200 (8-hour)	
PID AFTER PURGE (PPM):	2.3	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	27.3	43.9
HELIUM TEST IN TUBE (PPM):	2.3	4.1
SAMPLE START TIME:	15:20	
SAMPLE STOP TIME:	21:02	
TOTAL SAMPLE TIME (MIN):	342	
REGULATOR FLOW RATE (L/MIN):	0.005	
VOLUME OF SAMPLE (LITERS):	2.7	
PID AFTER SAMPLE (PPM):	1.6	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	2280	
REGULATOR SERIAL NUMBER:	Y-43	
CAN START VACUUM PRESS. (" HG):	-28.70	
CAN STOP VACUUM PRESS. (" HG):	-5.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	Finished floor about 18" above concrete slab.
Bottom of Slab	1.00	Concrete slab approximately 1 foot thick
Tube Depth	1.16	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV04_031921

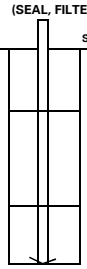
PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.	**INSTALLATION DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSTALLATION FOREMAN: Sergio Mangana	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/20/2021
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
INSPECTOR: Deirdre Casey	**SAMPLER:** Deirdre Casey	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 40 Degrees Farenheit Wind: North @3-8 mph Precipitation: none Pressure: 1029 mb	

METHOD OF INSTALLATION AND PURGING:
AARCO advanced subslab vapor point to 2-inches below the top of the slab. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** None (Prefered)

PURGE VOLUME (L):	0.10	
PURGE FLOW RATE (ML/MIN):	200 (8-hour)	
PID AFTER PURGE (PPM):	0.5	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	29.5	15.1
HELIUM TEST IN TUBE (PPM):	50	110
SAMPLE START TIME:	16:07	
SAMPLE STOP TIME:	0:07	
TOTAL SAMPLE TIME (MIN):	480	
REGULATOR FLOW RATE (L/MIN):	0.005	
VOLUME OF SAMPLE (LITERS):	2.7	
PID AFTER SAMPLE (PPM):	1.2	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	2998	
REGULATOR SERIAL NUMBER:	7363	
CAN START VACUUM PRESS. (" HG):	-30.00	
CAN STOP VACUUM PRESS. (" HG):	-10.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.00	Finished floor about 18" above concrete slab.
Bottom of Slab	1.00	Concrete slab approximately 1 foot thick
Tube Depth	1.16	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: AA01_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 12.5 NAVD88 (slab)	
SAMPLER: 2.7 L Summa Canister	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSPECTOR: Deirdre Casey	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	40 Degrees Farenheit
	Wind:	North 3-8 mph
	Precipitation:	None
	Pressure:	1029 mb

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 2.7-Liter Summa canister fitted with a 2-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	22:15
SAMPLE STOP TIME:	23:55
TOTAL SAMPLE TIME (MIN):	100
REGULATOR FLOW RATE (L/MIN):	0.018
VOLUME OF SAMPLE (LITERS):	2.7
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	2034
REGULATOR SERIAL NUMBER:	1716
CAN START VACUUM PRESS. (" HG):	-30.55
CAN STOP VACUUM PRESS. (" HG):	-4.42

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

A two hour sample was collected due to malfunciton of the 8-hour flow controller.

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AIR SAMPLING LOG SHEET

Sample Number: IA01_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301		
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 12.5 NAVD88 (slab)		
SAMPLER: 2.7 L Summa Canister	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021	
INSPECTOR: Deirdre Casey	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	40 Degrees Farenheit	
	Wind:	North 3-8 mph	
	Precipitation:	None	
	Pressure:	1029 mb	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 2.7-Liter Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	4
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	15:49
SAMPLE STOP TIME:	23:00
TOTAL SAMPLE TIME (MIN):	480
REGULATOR FLOW RATE (L/MIN):	0.005
VOLUME OF SAMPLE (LITERS):	2.7
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	3228
REGULATOR SERIAL NUMBER:	7289
CAN START VACUUM PRESS. (" HG):	-30.00
CAN STOP VACUUM PRESS. (" HG):	-5.50

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA02_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301		
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)		
SAMPLER: 2.7 L Summa Canister	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021	
INSPECTOR: Deirdre Casey	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	40 Degrees Farenheit	
	Wind:	North 3-8 mph	
	Precipitation:	None	
	Pressure:	1029 mb	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 2.7-Liter Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3.5
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	14:48
SAMPLE STOP TIME:	21:37
TOTAL SAMPLE TIME (MIN):	409
REGULATOR FLOW RATE (L/MIN):	0.005
VOLUME OF SAMPLE (LITERS):	2.7
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	156
REGULATOR SERIAL NUMBER:	12186
CAN START VACUUM PRESS. (" HG):	-29.20
CAN STOP VACUUM PRESS. (" HG):	-5.00

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA03_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301		
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)		
SAMPLER: 2.7 L Summa Canister	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021	
INSPECTOR: Deirdre Casey	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	40 Degrees Farenheit	
	Wind:	North 3-8 mph	
	Precipitation:	None	
	Pressure:	1029 mb	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 2.7-Liter Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	4
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	15:21
SAMPLE STOP TIME:	21:53
TOTAL SAMPLE TIME (MIN):	392
REGULATOR FLOW RATE (L/MIN):	0.005
VOLUME OF SAMPLE (LITERS):	2.7
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	2037
REGULATOR SERIAL NUMBER:	12011
CAN START VACUUM PRESS. (" HG):	-30.00
CAN STOP VACUUM PRESS. (" HG):	-5.00

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA04_031921

PROJECT: 514 Union Street	**PROJECT NO.:** 170361301	
LOCATION: Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** about el. 13.5 NAVD88 (slab)	
SAMPLER: 2.7 L Summa Canister	**SAMPLE DATE STARTED:** 3/19/2021	**DATE FINISHED:** 3/19/2021
INSPECTOR: Deirdre Casey	**TYPE OF SAMPLING DEVICE:** 2.7-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	40 Degrees Farenheit
	Wind:	North 3-8 mph
	Precipitation:	None
	Pressure:	1029 mb

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 2.7-Liter Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	4
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	16:08
SAMPLE STOP TIME:	22:54
TOTAL SAMPLE TIME (MIN):	406
REGULATOR FLOW RATE (L/MIN):	0.005
VOLUME OF SAMPLE (LITERS):	2.7
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	2335
REGULATOR SERIAL NUMBER:	7087
CAN START VACUUM PRESS. (" HG):	-30.00
CAN STOP VACUUM PRESS. (" HG):	-4.00

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

ATTACHMENT 5

NYSDOH Indoor Air Quality Questionnaire and Building Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Deirdre Casey Date/Time Prepared 3/19/2021 16:00

Preparer's Affiliation Langan Engineering Phone No. 609-819-7265

Purpose of Investigation Soil Vapor Intrusion Investigation

1. OCCUPANT:

Interviewed: (Y) / N

Last Name: Schnapp First Name: Johnathan

Address: 515 Union Street, Brooklyn, NY

County: Kings

Home Phone: N/A Office Phone: 917-450-3491

Number of Occupants/persons at this location 10* Age of Occupants 20's - 40's

* when operational (temporarily closed due to COVID-19)

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Royal Palms Shuffleboard Club

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1919

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

20 ceiling fans, overhead exposed HVAC system

Outdoor air infiltration

Front doors, attached non-insulated garage

Infiltration into air ducts

Overhead exposed HVAC system

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	(brick)
b. Basement type:	full	crawlspace	slab	other N/A
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	unsealed	(sealed)	sealed with wood flooring, and/or paint in parts	
f. Foundation walls:	poured	block	stone	other brick
g. Foundation walls:	unsealed	(sealed)	sealed with paint	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / (N)			
k. Water in sump?	Y / N / (not applicable)			

Basement/Lowest level depth below grade: N/A (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Bathroom floor drains, utility vault near northwest corner

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in: Basement Outdoors (Main Floor) Other_____

Air conditioning: (Central Air) Window units Open Windows None

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	No basement
1st Floor	Royal Palms Shuffleboard Club
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y / (N) / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify Food Truck (when operational)

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / (N) When & Type? Building dormant ~1 year

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? roof

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type?_____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

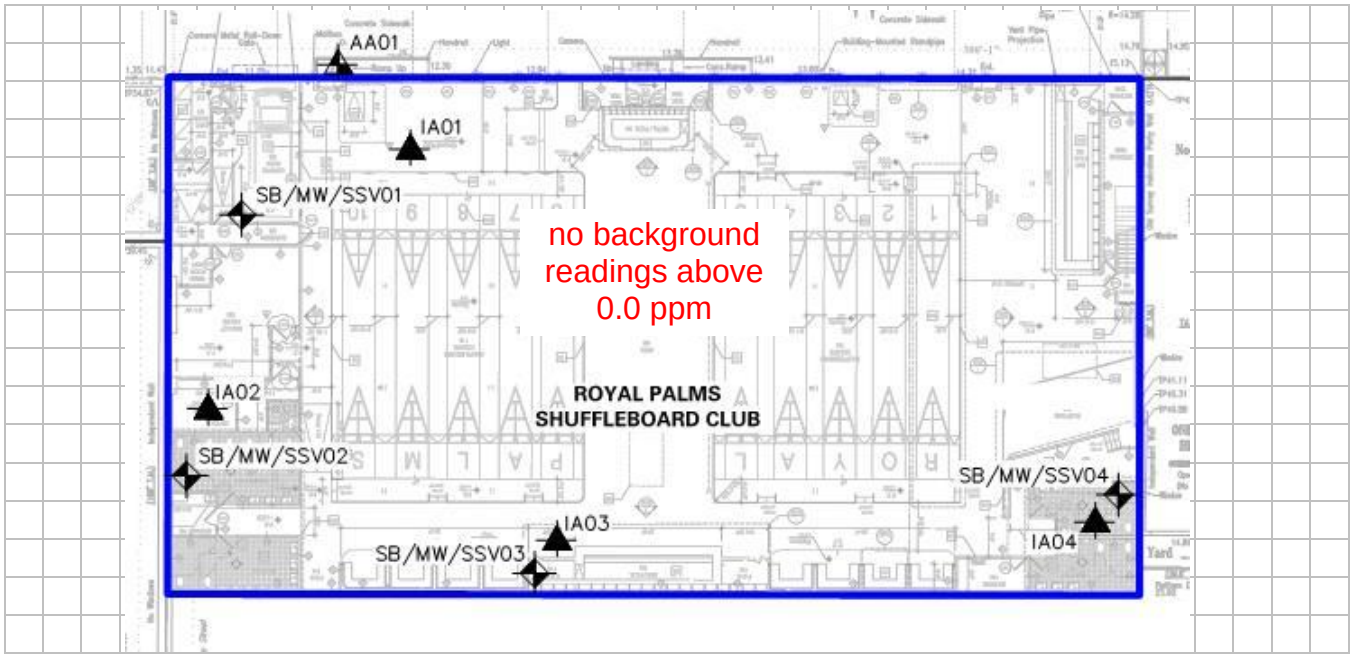
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement: No Basement

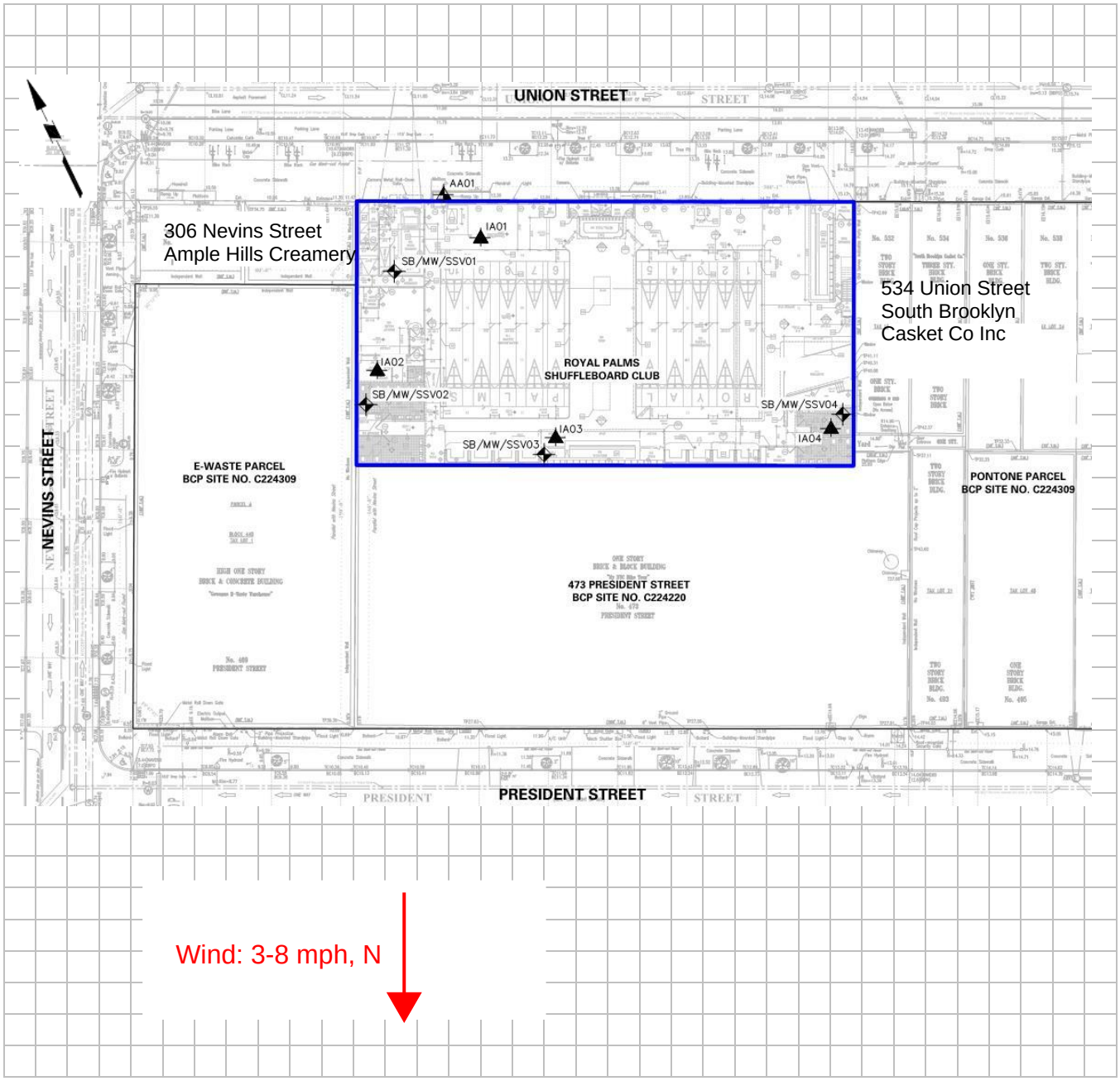
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Honeywell MiniRae 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Indoors	Windex	3 1-gal	U/UO	ammonium hydroxide, hexoxyethanol, sulfonic acids, isopropyl alcohol	0 ppm	Y
Indoors	Orange Multi-Surface Cleaner	3 1-gal	U/UO	diproylene glycol methyl ether, alcohols, sodium xylene sulfonate, sodium hydroxide, d-limonene, citric acid	0 ppm	Y
Indoors	Hi-Valu Bleach	16 1-gal	U/UO	Sodium Hypochlorite	0 ppm	Y
Indoors	Concept Clean Hands Hand Soap	2 1-gal	U/UO	Cetrimonium chloride, glycerin	0 ppm	Y
Indoors	Rinse Aid	1 1-gal	U/UO	Sodium xylene sulfonate, poloxalene, alkylpolyglucoside, acetic acid	0 ppm	Y
Indoors	Machine Detergent 3x	1 1-gal	U/UO	sodium hydroxide, amino tris, sodium nitrilo-triacetate, polyacrylic acid, dye	0 ppm	Y
Indoors	Auto Chlor Super	1 1-gal	U/UO	Sodium Hypochlorite	0 ppm	Y
Indoors	Goo Gone	2 8-oz.	U	petroleum distillates, hydrotreated light; d-limonene	0 ppm	Y
Indoors	WD-40	3 8-oz.	U/UO	isoparaffin, petroleum base oil, aliphatic hydrocarbons, carbon dioxide	0 ppm	Y
Indoors	Krud Cutter Caulk Remover	1 24-oz.	U/UO	Acetone, monoethanolamine, 1,3-dioxane benzyl alcohol	0 ppm	Y
Indoors	Industrial Silicone Lubricant	1 11-oz.	U/UO	Alkanes, petroleum distillates, cardon dioxide	0 ppm	Y
Indoors	Wallpaper Stripper	1 16-oz.	U/UO	Diethylene glycol, C9-11 Pareth-3, pancreatic enzyme	0 ppm	Y
Indoors	Bar Keeprs Friend	1 13-oz.	U/UO	Water, Mineral Abrasive, Citric Acid, Oxalic Acid, Surfactant, Citrus Fragrance	0 ppm	Y
Indoors	Steramine 1-G Tablets	1 10-oz.	U/UO	Dimethyl benzyl ammonium chloride, ammonium chloride	0 ppm	Y
Indoors	Clorox Bleach Germicidal Wipes	1 16-oz.	U/UO	Sodium Hypochlorite	0 ppm	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT 6

CAMP Data Summary Sheets

LANGAN

514 Union Street
170361303
CAMP Data Summary

Date: 3/19/2021
Start: 10:20
End: 15:42
Observer: Deirdre Casey

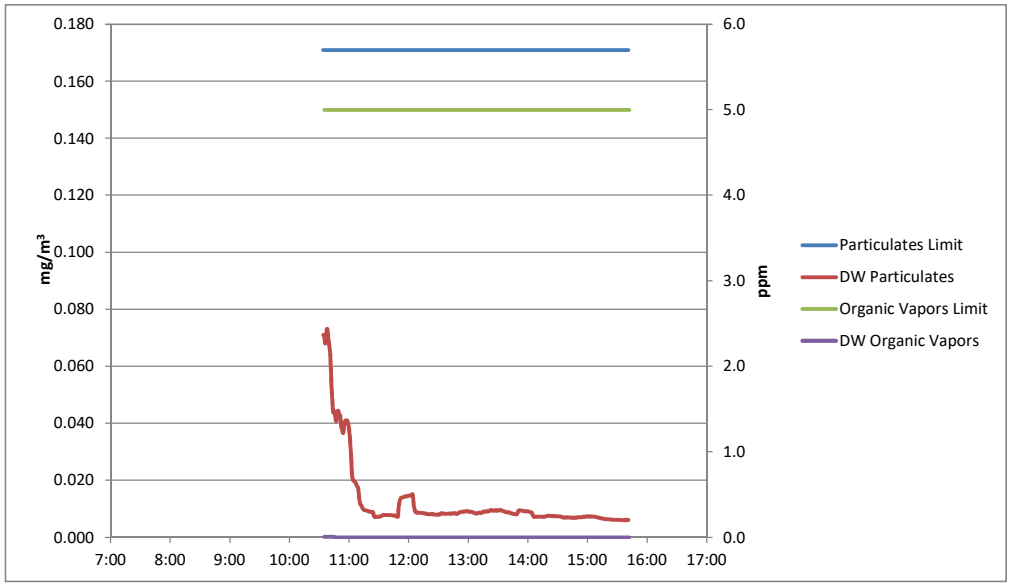
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	Background	**DW**
Daily Average	0.071	0.013
Minimum 15min Average	NA	0.006
Maximum 15min Average	NA	0.073
Exceedance (15min >.15)	NA	0
Minimum 1min Reading	NA	0.006
Maximum 1min Reading	NA	0.142

Notes:
1. NA = Not applicable
2. All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise.
3. Particulate monitoring was conducted using a DustTrak™ II Aerosol Monitor for particulates smaller than 10 microns in diameter (PM10).

Organic Vapor Monitoring		
	Background	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	NA	0.0
Maximum 15min Average	NA	0.0
Exceedance (15min >5)	NA	0
Minimum 1min Reading	NA	0.0
Maximum 1min Reading	NA	0.1

Notes:
1. NA = Not applicable
2. All reported units are ppm or parts per million unless specified otherwise.
3. Organic vapor monitoring was conducted using a MiniRAE 3000 Photoionization Detector (PID) for volatile organic compounds (VOC).



Friday, March 19, 2021				
Number of Instances Where Downwind Particulates Exceeds Background Particulate + 100 =				0
Number of Comparable Data Points =				308
Start Time:				10:20
End Time:				15:41
PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.071	10:20	0.048		
0.071	10:21	0.048		
0.071	10:22	0.021		
0.071	10:23	0.014		
0.071	10:24	0.083		
0.071	10:25	0.074		
0.071	10:26	0.073		
0.071	10:27	0.142		
0.071	10:28	0.125		
0.071	10:29	0.1		
0.071	10:30	0.041		
0.071	10:31	0.094		
0.071	10:32	0.116		
0.071	10:33	0.059		
0.071	10:34	0.027	0.071	-
0.071	10:35	0.041	0.071	-
0.071	10:36	0.011	0.068	-
0.071	10:37	0.076	0.072	-
0.071	10:38	0.035	0.073	-
0.071	10:39	0.036	0.070	-
0.071	10:40	0.031	0.067	-
0.071	10:41	0.027	0.064	-
0.071	10:42	0.015	0.056	-
0.071	10:43	0.017	0.048	-
0.071	10:44	0.032	0.044	-
0.071	10:45	0.047	0.044	-
0.071	10:46	0.067	0.042	-
0.071	10:47	0.091	0.041	-
0.071	10:48	0.108	0.044	-
0.071	10:49	0.032	0.044	-
0.071	10:50	0.015	0.043	-
0.071	10:51	0.013	0.043	-
0.071	10:52	0.019	0.039	-
0.071	10:53	0.019	0.038	-
0.071	10:54	0.016	0.037	-
0.071	10:55	0.073	0.039	-
0.071	10:56	0.049	0.041	-
0.071	10:57	0.016	0.041	-
0.071	10:58	0.018	0.041	-
0.071	10:59	0.017	0.040	-
0.071	11:00	0.013	0.038	-
0.071	11:01	0.008	0.034	-
0.071	11:02	0.008	0.028	-
0.071	11:03	0.009	0.022	-
0.071	11:04	0.009	0.020	-
0.071	11:05	0.009	0.020	-
0.071	11:06	0.009	0.019	-
0.071	11:07	0.007	0.019	-
0.071	11:08	0.008	0.018	-
0.071	11:09	0.008	0.017	-
0.071	11:10	0.027	0.014	-
0.071	11:11	0.012	0.012	-
0.071	11:12	0.008	0.011	-
0.071	11:13	0.007	0.011	-
0.071	11:14	0.007	0.010	-
0.071	11:15	0.008	0.010	-
0.071	11:16	0.007	0.010	-
0.071	11:17	0.007	0.009	-
0.071	11:18	0.007	0.009	-
0.071	11:19	0.007	0.009	-
0.071	11:20	0.007	0.009	-
0.071	11:21	0.007	0.009	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.071	11:22	0.007	0.009	-
0.071	11:23	0.007	0.009	-
0.071	11:24	0.007	0.009	-
0.071	11:25	0.007	0.007	-
0.071	11:26	0.007	0.007	-
0.071	11:27	0.008	0.007	-
0.071	11:28	0.008	0.007	-
0.071	11:29	0.008	0.007	-
0.071	11:30	0.007	0.007	-
0.071	11:31	0.008	0.007	-
0.071	11:32	0.01	0.007	-
0.071	11:33	0.01	0.008	-
0.071	11:34	0.009	0.008	-
0.071	11:35	0.007	0.008	-
0.071	11:36	0.007	0.008	-
0.071	11:37	0.007	0.008	-
0.071	11:38	0.007	0.008	-
0.071	11:39	0.007	0.008	-
0.071	11:40	0.007	0.008	-
0.071	11:41	0.007	0.008	-
0.071	11:42	0.008	0.008	-
0.071	11:43	0.007	0.008	-
0.071	11:44	0.007	0.008	-
0.071	11:45	0.007	0.008	-
0.071	11:46	0.008	0.008	-
0.071	11:47	0.007	0.007	-
0.071	11:48	0.008	0.007	-
0.071	11:49	0.007	0.007	-
0.071	11:50	0.064	0.011	-
0.071	11:51	0.036	0.013	-
0.071	11:52	0.019	0.014	-
0.071	11:53	0.01	0.014	-
0.071	11:54	0.008	0.014	-
0.071	11:55	0.01	0.014	-
0.071	11:56	0.009	0.014	-
0.071	11:57	0.008	0.014	-
0.071	11:58	0.008	0.014	-
0.071	11:59	0.008	0.014	-
0.071	12:00	0.009	0.015	-
0.071	12:01	0.009	0.015	-
0.071	12:02	0.008	0.015	-
0.071	12:03	0.009	0.015	-
0.071	12:04	0.011	0.015	-
0.071	12:05	0.009	0.011	-
0.071	12:06	0.01	0.010	-
0.071	12:07	0.007	0.009	-
0.071	12:08	0.007	0.009	-
0.071	12:09	0.008	0.009	-
0.071	12:10	0.009	0.009	-
0.071	12:11	0.009	0.009	-
0.071	12:12	0.008	0.009	-
0.071	12:13	0.008	0.009	-
0.071	12:14	0.007	0.009	-
0.071	12:15	0.008	0.008	-
0.071	12:16	0.008	0.008	-
0.071	12:17	0.007	0.008	-
0.071	12:18	0.007	0.008	-
0.071	12:19	0.01	0.008	-
0.071	12:20	0.009	0.008	-
0.071	12:21	0.009	0.008	-
0.071	12:22	0.008	0.008	-
0.071	12:23	0.008	0.008	-
0.071	12:24	0.008	0.008	-
0.071	12:25	0.007	0.008	-
0.071	12:26	0.007	0.008	-
0.071	12:27	0.008	0.008	-
0.071	12:28	0.008	0.008	-
0.071	12:29	0.008	0.008	-
0.071	12:30	0.008	0.008	-
0.071	12:31	0.008	0.008	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.071	12:32	0.011	0.008	-
0.071	12:33	0.01	0.008	-
0.071	12:34	0.009	0.008	-
0.071	12:35	0.008	0.008	-
0.071	12:36	0.008	0.008	-
0.071	12:37	0.008	0.008	-
0.071	12:38	0.008	0.008	-
0.071	12:39	0.008	0.008	-
0.071	12:40	0.007	0.008	-
0.071	12:41	0.008	0.008	-
0.071	12:42	0.008	0.008	-
0.071	12:43	0.008	0.008	-
0.071	12:44	0.008	0.008	-
0.071	12:45	0.01	0.008	-
0.071	12:46	0.009	0.009	-
0.071	12:47	0.008	0.008	-
0.071	12:48	0.008	0.008	-
0.071	12:49	0.01	0.008	-
0.071	12:50	0.012	0.009	-
0.071	12:51	0.011	0.009	-
0.071	12:52	0.01	0.009	-
0.071	12:53	0.009	0.009	-
0.071	12:54	0.008	0.009	-
0.071	12:55	0.008	0.009	-
0.071	12:56	0.008	0.009	-
0.071	12:57	0.01	0.009	-
0.071	12:58	0.009	0.009	-
0.071	12:59	0.008	0.009	-
0.071	13:00	0.007	0.009	-
0.071	13:01	0.008	0.009	-
0.071	13:02	0.009	0.009	-
0.071	13:03	0.007	0.009	-
0.071	13:04	0.009	0.009	-
0.071	13:05	0.01	0.009	-
0.071	13:06	0.008	0.009	-
0.071	13:07	0.008	0.008	-
0.071	13:08	0.008	0.008	-
0.071	13:09	0.01	0.008	-
0.071	13:10	0.01	0.009	-
0.071	13:11	0.009	0.009	-
0.071	13:12	0.008	0.009	-
0.071	13:13	0.009	0.009	-
0.071	13:14	0.012	0.009	-
0.071	13:15	0.01	0.009	-
0.071	13:16	0.008	0.009	-
0.071	13:17	0.008	0.009	-
0.071	13:18	0.011	0.009	-
0.071	13:19	0.008	0.009	-
0.071	13:20	0.01	0.009	-
0.071	13:21	0.01	0.009	-
0.071	13:22	0.011	0.009	-
0.071	13:23	0.01	0.010	-
0.071	13:24	0.008	0.009	-
0.071	13:25	0.008	0.009	-
0.071	13:26	0.009	0.009	-
0.071	13:27	0.01	0.009	-
0.071	13:28	0.011	0.010	-
0.071	13:29	0.008	0.009	-
0.071	13:30	0.011	0.009	-
0.071	13:31	0.01	0.010	-
0.071	13:32	0.009	0.010	-
0.071	13:33	0.009	0.009	-
0.071	13:34	0.007	0.009	-
0.071	13:35	0.007	0.009	-
0.071	13:36	0.009	0.009	-
0.071	13:37	0.009	0.009	-
0.071	13:38	0.007	0.009	-
0.071	13:39	0.007	0.009	-
0.071	13:40	0.009	0.009	-
0.071	13:41	0.009	0.009	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.071	13:42	0.007	0.009	-
0.071	13:43	0.008	0.008	-
0.071	13:44	0.008	0.008	-
0.071	13:45	0.008	0.008	-
0.071	13:46	0.009	0.008	-
0.071	13:47	0.009	0.008	-
0.071	13:48	0.008	0.008	-
0.071	13:49	0.009	0.008	-
0.071	13:50	0.021	0.009	-
0.071	13:51	0.014	0.009	-
0.071	13:52	0.008	0.009	-
0.071	13:53	0.007	0.009	-
0.071	13:54	0.007	0.009	-
0.071	13:55	0.008	0.009	-
0.071	13:56	0.007	0.009	-
0.071	13:57	0.007	0.009	-
0.071	13:58	0.007	0.009	-
0.071	13:59	0.008	0.009	-
0.071	14:00	0.008	0.009	-
0.071	14:01	0.007	0.009	-
0.071	14:02	0.007	0.009	-
0.071	14:03	0.006	0.009	-
0.071	14:04	0.007	0.009	-
0.071	14:05	0.007	0.008	-
0.071	14:06	0.007	0.007	-
0.071	14:07	0.008	0.007	-
0.071	14:08	0.008	0.007	-
0.071	14:09	0.007	0.007	-
0.071	14:10	0.007	0.007	-
0.071	14:11	0.008	0.007	-
0.071	14:12	0.007	0.007	-
0.071	14:13	0.007	0.007	-
0.071	14:14	0.008	0.007	-
0.071	14:15	0.007	0.007	-
0.071	14:16	0.007	0.007	-
0.071	14:17	0.008	0.007	-
0.071	14:18	0.008	0.007	-
0.071	14:19	0.008	0.007	-
0.071	14:20	0.008	0.008	-
0.071	14:21	0.008	0.008	-
0.071	14:22	0.007	0.008	-
0.071	14:23	0.007	0.007	-
0.071	14:24	0.007	0.007	-
0.071	14:25	0.007	0.007	-
0.071	14:26	0.007	0.007	-
0.071	14:27	0.008	0.007	-
0.071	14:28	0.007	0.007	-
0.071	14:29	0.007	0.007	-
0.071	14:30	0.007	0.007	-
0.071	14:31	0.007	0.007	-
0.071	14:32	0.007	0.007	-
0.071	14:33	0.007	0.007	-
0.071	14:34	0.006	0.007	-
0.071	14:35	0.006	0.007	-
0.071	14:36	0.007	0.007	-
0.071	14:37	0.008	0.007	-
0.071	14:38	0.007	0.007	-
0.071	14:39	0.007	0.007	-
0.071	14:40	0.007	0.007	-
0.071	14:41	0.007	0.007	-
0.071	14:42	0.007	0.007	-
0.071	14:43	0.007	0.007	-
0.071	14:44	0.006	0.007	-
0.071	14:45	0.007	0.007	-
0.071	14:46	0.007	0.007	-
0.071	14:47	0.007	0.007	-
0.071	14:48	0.007	0.007	-
0.071	14:49	0.007	0.007	-
0.071	14:50	0.008	0.007	-
0.071	14:51	0.007	0.007	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.071	14:52	0.007	0.007	-
0.071	14:53	0.008	0.007	-
0.071	14:54	0.007	0.007	-
0.071	14:55	0.008	0.007	-
0.071	14:56	0.008	0.007	-
0.071	14:57	0.007	0.007	-
0.071	14:58	0.008	0.007	-
0.071	14:59	0.007	0.007	-
0.071	15:00	0.007	0.007	-
0.071	15:01	0.007	0.007	-
0.071	15:02	0.007	0.007	-
0.071	15:03	0.007	0.007	-
0.071	15:04	0.007	0.007	-
0.071	15:05	0.007	0.007	-
0.071	15:06	0.007	0.007	-
0.071	15:07	0.007	0.007	-
0.071	15:08	0.006	0.007	-
0.071	15:09	0.006	0.007	-
0.071	15:10	0.007	0.007	-
0.071	15:11	0.007	0.007	-
0.071	15:12	0.006	0.007	-
0.071	15:13	0.006	0.007	-
0.071	15:14	0.006	0.007	-
0.071	15:15	0.006	0.007	-
0.071	15:16	0.006	0.007	-
0.071	15:17	0.006	0.006	-
0.071	15:18	0.006	0.006	-
0.071	15:19	0.007	0.006	-
0.071	15:20	0.007	0.006	-
0.071	15:21	0.006	0.006	-
0.071	15:22	0.006	0.006	-
0.071	15:23	0.006	0.006	-
0.071	15:24	0.006	0.006	-
0.071	15:25	0.006	0.006	-
0.071	15:26	0.006	0.006	-
0.071	15:27	0.006	0.006	-
0.071	15:28	0.006	0.006	-
0.071	15:29	0.006	0.006	-
0.071	15:30	0.006	0.006	-
0.071	15:31	0.006	0.006	-
0.071	15:32	0.006	0.006	-
0.071	15:33	0.006	0.006	-
0.071	15:34	0.006	0.006	-
0.071	15:35	0.006	0.006	-
0.071	15:36	0.006	0.006	-
0.071	15:37	0.007	0.006	-
0.071	15:38	0.006	0.006	-
0.071	15:39	0.006	0.006	-
0.071	15:40	0.006	0.006	-
0.071	15:41	0.006	0.006	-

Friday, March 19, 2021				
Number of Instances Where Downwind Organic Vapors Exceeds Background Organic Vapors + 5 =				0
Number of Comparable Data Points =				308
Start Time:				10:21
End Time:				15:42
ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	10:21	0.0		
0.0	10:22	0.0		
0.0	10:23	0.0		
0.0	10:24	0.0		
0.0	10:25	0.0		
0.0	10:26	0.0		
0.0	10:27	0.0		
0.0	10:28	0.0		
0.0	10:29	0.0		
0.0	10:30	0.0		
0.0	10:31	0.1		
0.0	10:32	0.0		
0.0	10:33	0.0		
0.0	10:34	0.0		
0.0	10:35	0.0	0.0	-
0.0	10:36	0.0	0.0	-
0.0	10:37	0.0	0.0	-
0.0	10:38	0.0	0.0	-
0.0	10:39	0.0	0.0	-
0.0	10:40	0.0	0.0	-
0.0	10:41	0.0	0.0	-
0.0	10:42	0.0	0.0	-
0.0	10:43	0.0	0.0	-
0.0	10:44	0.0	0.0	-
0.0	10:45	0.0	0.0	-
0.0	10:46	0.0	0.0	-
0.0	10:47	0.0	0.0	-
0.0	10:48	0.0	0.0	-
0.0	10:49	0.0	0.0	-
0.0	10:50	0.0	0.0	-
0.0	10:51	0.0	0.0	-
0.0	10:52	0.0	0.0	-
0.0	10:53	0.0	0.0	-
0.0	10:54	0.0	0.0	-
0.0	10:55	0.0	0.0	-
0.0	10:56	0.0	0.0	-
0.0	10:57	0.0	0.0	-
0.0	10:58	0.0	0.0	-
0.0	10:59	0.0	0.0	-
0.0	11:00	0.0	0.0	-
0.0	11:01	0.0	0.0	-
0.0	11:02	0.0	0.0	-
0.0	11:03	0.0	0.0	-
0.0	11:04	0.0	0.0	-
0.0	11:05	0.0	0.0	-
0.0	11:06	0.0	0.0	-
0.0	11:07	0.0	0.0	-
0.0	11:08	0.0	0.0	-
0.0	11:09	0.0	0.0	-
0.0	11:10	0.0	0.0	-
0.0	11:11	0.0	0.0	-
0.0	11:12	0.0	0.0	-
0.0	11:13	0.0	0.0	-
0.0	11:14	0.0	0.0	-
0.0	11:15	0.0	0.0	-
0.0	11:16	0.0	0.0	-
0.0	11:17	0.0	0.0	-
0.0	11:18	0.0	0.0	-
0.0	11:19	0.0	0.0	-
0.0	11:20	0.0	0.0	-
0.0	11:21	0.0	0.0	-
0.0	11:22	0.0	0.0	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	11:23	0.0	0.0	-
0.0	11:24	0.0	0.0	-
0.0	11:25	0.0	0.0	-
0.0	11:26	0.0	0.0	-
0.0	11:27	0.0	0.0	-
0.0	11:28	0.0	0.0	-
0.0	11:29	0.0	0.0	-
0.0	11:30	0.0	0.0	-
0.0	11:31	0.0	0.0	-
0.0	11:32	0.0	0.0	-
0.0	11:33	0.0	0.0	-
0.0	11:34	0.0	0.0	-
0.0	11:35	0.0	0.0	-
0.0	11:36	0.0	0.0	-
0.0	11:37	0.0	0.0	-
0.0	11:38	0.0	0.0	-
0.0	11:39	0.0	0.0	-
0.0	11:40	0.0	0.0	-
0.0	11:41	0.0	0.0	-
0.0	11:42	0.0	0.0	-
0.0	11:43	0.0	0.0	-
0.0	11:44	0.0	0.0	-
0.0	11:45	0.0	0.0	-
0.0	11:46	0.0	0.0	-
0.0	11:47	0.0	0.0	-
0.0	11:48	0.0	0.0	-
0.0	11:49	0.0	0.0	-
0.0	11:50	0.0	0.0	-
0.0	11:51	0.0	0.0	-
0.0	11:52	0.0	0.0	-
0.0	11:53	0.0	0.0	-
0.0	11:54	0.0	0.0	-
0.0	11:55	0.0	0.0	-
0.0	11:56	0.0	0.0	-
0.0	11:57	0.0	0.0	-
0.0	11:58	0.0	0.0	-
0.0	11:59	0.0	0.0	-
0.0	12:00	0.0	0.0	-
0.0	12:01	0.0	0.0	-
0.0	12:02	0.0	0.0	-
0.0	12:03	0.0	0.0	-
0.0	12:04	0.0	0.0	-
0.0	12:05	0.0	0.0	-
0.0	12:06	0.0	0.0	-
0.0	12:07	0.0	0.0	-
0.0	12:08	0.0	0.0	-
0.0	12:09	0.0	0.0	-
0.0	12:10	0.0	0.0	-
0.0	12:11	0.0	0.0	-
0.0	12:12	0.0	0.0	-
0.0	12:13	0.0	0.0	-
0.0	12:14	0.0	0.0	-
0.0	12:15	0.0	0.0	-
0.0	12:16	0.0	0.0	-
0.0	12:17	0.0	0.0	-
0.0	12:18	0.0	0.0	-
0.0	12:19	0.0	0.0	-
0.0	12:20	0.0	0.0	-
0.0	12:21	0.0	0.0	-
0.0	12:22	0.0	0.0	-
0.0	12:23	0.0	0.0	-
0.0	12:24	0.0	0.0	-
0.0	12:25	0.0	0.0	-
0.0	12:26	0.0	0.0	-
0.0	12:27	0.0	0.0	-
0.0	12:28	0.0	0.0	-
0.0	12:29	0.0	0.0	-
0.0	12:30	0.0	0.0	-
0.0	12:31	0.0	0.0	-
0.0	12:32	0.0	0.0	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	12:33	0.0	0.0	-
0.0	12:34	0.0	0.0	-
0.0	12:35	0.0	0.0	-
0.0	12:36	0.0	0.0	-
0.0	12:37	0.0	0.0	-
0.0	12:38	0.0	0.0	-
0.0	12:39	0.0	0.0	-
0.0	12:40	0.0	0.0	-
0.0	12:41	0.0	0.0	-
0.0	12:42	0.0	0.0	-
0.0	12:43	0.0	0.0	-
0.0	12:44	0.0	0.0	-
0.0	12:45	0.0	0.0	-
0.0	12:46	0.0	0.0	-
0.0	12:47	0.0	0.0	-
0.0	12:48	0.0	0.0	-
0.0	12:49	0.0	0.0	-
0.0	12:50	0.0	0.0	-
0.0	12:51	0.0	0.0	-
0.0	12:52	0.0	0.0	-
0.0	12:53	0.0	0.0	-
0.0	12:54	0.0	0.0	-
0.0	12:55	0.0	0.0	-
0.0	12:56	0.0	0.0	-
0.0	12:57	0.0	0.0	-
0.0	12:58	0.0	0.0	-
0.0	12:59	0.0	0.0	-
0.0	13:00	0.0	0.0	-
0.0	13:01	0.0	0.0	-
0.0	13:02	0.0	0.0	-
0.0	13:03	0.0	0.0	-
0.0	13:04	0.0	0.0	-
0.0	13:05	0.0	0.0	-
0.0	13:06	0.0	0.0	-
0.0	13:07	0.0	0.0	-
0.0	13:08	0.0	0.0	-
0.0	13:09	0.0	0.0	-
0.0	13:10	0.0	0.0	-
0.0	13:11	0.0	0.0	-
0.0	13:12	0.0	0.0	-
0.0	13:13	0.0	0.0	-
0.0	13:14	0.0	0.0	-
0.0	13:15	0.0	0.0	-
0.0	13:16	0.0	0.0	-
0.0	13:17	0.0	0.0	-
0.0	13:18	0.0	0.0	-
0.0	13:19	0.0	0.0	-
0.0	13:20	0.0	0.0	-
0.0	13:21	0.0	0.0	-
0.0	13:22	0.0	0.0	-
0.0	13:23	0.0	0.0	-
0.0	13:24	0.0	0.0	-
0.0	13:25	0.0	0.0	-
0.0	13:26	0.0	0.0	-
0.0	13:27	0.0	0.0	-
0.0	13:28	0.0	0.0	-
0.0	13:29	0.0	0.0	-
0.0	13:30	0.0	0.0	-
0.0	13:31	0.0	0.0	-
0.0	13:32	0.0	0.0	-
0.0	13:33	0.0	0.0	-
0.0	13:34	0.0	0.0	-
0.0	13:35	0.0	0.0	-
0.0	13:36	0.0	0.0	-
0.0	13:37	0.0	0.0	-
0.0	13:38	0.0	0.0	-
0.0	13:39	0.0	0.0	-
0.0	13:40	0.0	0.0	-
0.0	13:41	0.0	0.0	-
0.0	13:42	0.0	0.0	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	13:43	0.0	0.0	-
0.0	13:44	0.0	0.0	-
0.0	13:45	0.0	0.0	-
0.0	13:46	0.0	0.0	-
0.0	13:47	0.0	0.0	-
0.0	13:48	0.0	0.0	-
0.0	13:49	0.0	0.0	-
0.0	13:50	0.0	0.0	-
0.0	13:51	0.0	0.0	-
0.0	13:52	0.0	0.0	-
0.0	13:53	0.0	0.0	-
0.0	13:54	0.0	0.0	-
0.0	13:55	0.0	0.0	-
0.0	13:56	0.0	0.0	-
0.0	13:57	0.0	0.0	-
0.0	13:58	0.0	0.0	-
0.0	13:59	0.0	0.0	-
0.0	14:00	0.0	0.0	-
0.0	14:01	0.0	0.0	-
0.0	14:02	0.0	0.0	-
0.0	14:03	0.0	0.0	-
0.0	14:04	0.0	0.0	-
0.0	14:05	0.0	0.0	-
0.0	14:06	0.0	0.0	-
0.0	14:07	0.0	0.0	-
0.0	14:08	0.0	0.0	-
0.0	14:09	0.0	0.0	-
0.0	14:10	0.0	0.0	-
0.0	14:11	0.0	0.0	-
0.0	14:12	0.0	0.0	-
0.0	14:13	0.0	0.0	-
0.0	14:14	0.0	0.0	-
0.0	14:15	0.0	0.0	-
0.0	14:16	0.0	0.0	-
0.0	14:17	0.0	0.0	-
0.0	14:18	0.0	0.0	-
0.0	14:19	0.0	0.0	-
0.0	14:20	0.0	0.0	-
0.0	14:21	0.0	0.0	-
0.0	14:22	0.0	0.0	-
0.0	14:23	0.0	0.0	-
0.0	14:24	0.0	0.0	-
0.0	14:25	0.0	0.0	-
0.0	14:26	0.0	0.0	-
0.0	14:27	0.0	0.0	-
0.0	14:28	0.0	0.0	-
0.0	14:29	0.0	0.0	-
0.0	14:30	0.0	0.0	-
0.0	14:31	0.0	0.0	-
0.0	14:32	0.0	0.0	-
0.0	14:33	0.0	0.0	-
0.0	14:34	0.0	0.0	-
0.0	14:35	0.0	0.0	-
0.0	14:36	0.0	0.0	-
0.0	14:37	0.0	0.0	-
0.0	14:38	0.0	0.0	-
0.0	14:39	0.0	0.0	-
0.0	14:40	0.0	0.0	-
0.0	14:41	0.0	0.0	-
0.0	14:42	0.0	0.0	-
0.0	14:43	0.0	0.0	-
0.0	14:44	0.0	0.0	-
0.0	14:45	0.0	0.0	-
0.0	14:46	0.0	0.0	-
0.0	14:47	0.0	0.0	-
0.0	14:48	0.0	0.0	-
0.0	14:49	0.0	0.0	-
0.0	14:50	0.0	0.0	-
0.0	14:51	0.0	0.0	-
0.0	14:52	0.0	0.0	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	14:53	0.0	0.0	-
0.0	14:54	0.0	0.0	-
0.0	14:55	0.0	0.0	-
0.0	14:56	0.0	0.0	-
0.0	14:57	0.0	0.0	-
0.0	14:58	0.0	0.0	-
0.0	14:59	0.0	0.0	-
0.0	15:00	0.0	0.0	-
0.0	15:01	0.0	0.0	-
0.0	15:02	0.0	0.0	-
0.0	15:03	0.0	0.0	-
0.0	15:04	0.0	0.0	-
0.0	15:05	0.0	0.0	-
0.0	15:06	0.0	0.0	-
0.0	15:07	0.0	0.0	-
0.0	15:08	0.0	0.0	-
0.0	15:09	0.0	0.0	-
0.0	15:10	0.0	0.0	-
0.0	15:11	0.0	0.0	-
0.0	15:12	0.0	0.0	-
0.0	15:13	0.0	0.0	-
0.0	15:14	0.0	0.0	-
0.0	15:15	0.0	0.0	-
0.0	15:16	0.0	0.0	-
0.0	15:17	0.0	0.0	-
0.0	15:18	0.0	0.0	-
0.0	15:19	0.0	0.0	-
0.0	15:20	0.0	0.0	-
0.0	15:21	0.0	0.0	-
0.0	15:22	0.0	0.0	-
0.0	15:23	0.0	0.0	-
0.0	15:24	0.0	0.0	-
0.0	15:25	0.0	0.0	-
0.0	15:26	0.0	0.0	-
0.0	15:27	0.0	0.0	-
0.0	15:28	0.0	0.0	-
0.0	15:29	0.0	0.0	-
0.0	15:30	0.0	0.0	-
0.0	15:31	0.0	0.0	-
0.0	15:32	0.0	0.0	-
0.0	15:33	0.0	0.0	-
0.0	15:34	0.0	0.0	-
0.0	15:35	0.0	0.0	-
0.0	15:36	0.0	0.0	-
0.0	15:37	0.0	0.0	-
0.0	15:38	0.0	0.0	-
0.0	15:39	0.0	0.0	-
0.0	15:40	0.0	0.0	-
0.0	15:41	0.0	0.0	-
0.0	15:42	0.0	0.0	-

LANGAN

514 Union Street
170361303
CAMP Data Summary

Date: 3/20/2021
Start: 7:26
End: 15:03
Observer: Deirdre Casey

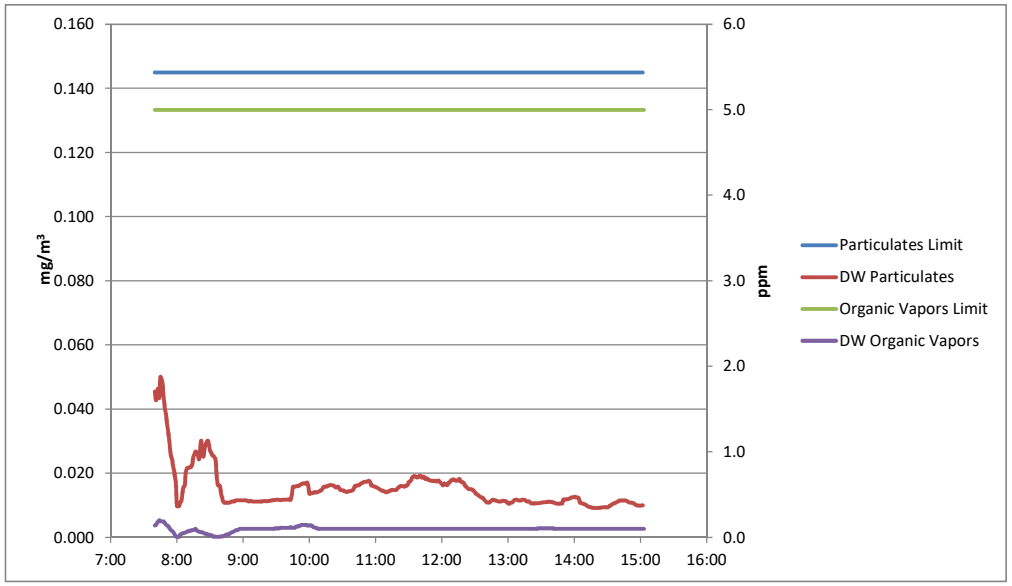
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	Background	**DW**
Daily Average	0.045	0.015
Minimum 15min Average	NA	0.009
Maximum 15min Average	NA	0.050
Exceedance (15min >.15)	NA	0
Minimum 1min Reading	NA	0.008
Maximum 1min Reading	NA	0.118

Notes:
1. NA = Not applicable
2. All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise.
3. Particulate monitoring was conducted using a DustTrak™ II Aerosol Monitor for particulates smaller than 10 microns in diameter (PM10).

Organic Vapor Monitoring		
	Background	**DW**
Daily Average	0.0	0.1
Minimum 15min Average	NA	0.0
Maximum 15min Average	NA	0.2
Exceedance (15min >5)	NA	0
Minimum 1min Reading	NA	0.0
Maximum 1min Reading	NA	0.4

Notes:
1. NA = Not applicable
2. All reported units are ppm or parts per million unless specified otherwise.
3. Organic vapor monitoring was conducted using a MiniRAE 3000 Photoionization Detector (PID) for volatile organic compounds (VOC).



Saturday, March 20, 2021				
Number of Instances Where Downwind Particulates Exceeds Background Particulate + 100 =				0
Number of Comparable Data Points =				443
Start Time:				7:26
End Time:				15:02
PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	7:26	0.075		
0.045	7:27	0.01		
0.045	7:28	0.015		
0.045	7:29	0.092		
0.045	7:30	0.02		
0.045	7:31	0.019		
0.045	7:32	0.033		
0.045	7:33	0.074		
0.045	7:34	0.054		
0.045	7:35	0.039		
0.045	7:36	0.053		
0.045	7:37	0.048		
0.045	7:38	0.049		
0.045	7:39	0.064		
0.045	7:40	0.037	0.045	-
0.045	7:41	0.034	0.043	-
0.045	7:42	0.039	0.045	-
0.045	7:43	0.041	0.046	-
0.045	7:44	0.048	0.043	-
0.045	7:45	0.118	0.050	-
0.045	7:46	0.009	0.049	-
0.045	7:47	0.009	0.048	-
0.045	7:48	0.009	0.043	-
0.045	7:49	0.01	0.040	-
0.045	7:50	0.009	0.038	-
0.045	7:51	0.01	0.036	-
0.045	7:52	0.01	0.033	-
0.045	7:53	0.009	0.030	-
0.045	7:54	0.01	0.027	-
0.045	7:55	0.01	0.025	-
0.045	7:56	0.01	0.023	-
0.045	7:57	0.009	0.021	-
0.045	7:58	0.011	0.019	-
0.045	7:59	0.012	0.017	-
0.045	8:00	0.009	0.010	-
0.045	8:01	0.009	0.010	-
0.045	8:02	0.01	0.010	-
0.045	8:03	0.026	0.011	-
0.045	8:04	0.016	0.011	-
0.045	8:05	0.047	0.014	-
0.045	8:06	0.038	0.016	-
0.045	8:07	0.015	0.016	-
0.045	8:08	0.072	0.020	-
0.045	8:09	0.029	0.022	-
0.045	8:10	0.011	0.022	-
0.045	8:11	0.011	0.022	-
0.045	8:12	0.014	0.022	-
0.045	8:13	0.011	0.022	-
0.045	8:14	0.028	0.023	-
0.045	8:15	0.041	0.025	-
0.045	8:16	0.019	0.026	-
0.045	8:17	0.024	0.027	-
0.045	8:18	0.013	0.026	-
0.045	8:19	0.018	0.026	-
0.045	8:20	0.021	0.024	-
0.045	8:21	0.084	0.027	-
0.045	8:22	0.056	0.030	-
0.045	8:23	0.013	0.026	-
0.045	8:24	0.013	0.025	-
0.045	8:25	0.046	0.027	-
0.045	8:26	0.032	0.029	-
0.045	8:27	0.028	0.030	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	8:28	0.016	0.030	-
0.045	8:29	0.011	0.029	-
0.045	8:30	0.011	0.027	-
0.045	8:31	0.011	0.026	-
0.045	8:32	0.011	0.026	-
0.045	8:33	0.01	0.025	-
0.045	8:34	0.011	0.025	-
0.045	8:35	0.011	0.024	-
0.045	8:36	0.011	0.019	-
0.045	8:37	0.01	0.016	-
0.045	8:38	0.01	0.016	-
0.045	8:39	0.011	0.016	-
0.045	8:40	0.011	0.014	-
0.045	8:41	0.011	0.012	-
0.045	8:42	0.011	0.011	-
0.045	8:43	0.011	0.011	-
0.045	8:44	0.011	0.011	-
0.045	8:45	0.011	0.011	-
0.045	8:46	0.011	0.011	-
0.045	8:47	0.011	0.011	-
0.045	8:48	0.011	0.011	-
0.045	8:49	0.014	0.011	-
0.045	8:50	0.013	0.011	-
0.045	8:51	0.011	0.011	-
0.045	8:52	0.01	0.011	-
0.045	8:53	0.014	0.011	-
0.045	8:54	0.012	0.012	-
0.045	8:55	0.011	0.012	-
0.045	8:56	0.011	0.012	-
0.045	8:57	0.011	0.012	-
0.045	8:58	0.011	0.012	-
0.045	8:59	0.011	0.012	-
0.045	9:00	0.011	0.012	-
0.045	9:01	0.011	0.012	-
0.045	9:02	0.011	0.012	-
0.045	9:03	0.011	0.012	-
0.045	9:04	0.011	0.011	-
0.045	9:05	0.011	0.011	-
0.045	9:06	0.012	0.011	-
0.045	9:07	0.012	0.011	-
0.045	9:08	0.011	0.011	-
0.045	9:09	0.011	0.011	-
0.045	9:10	0.011	0.011	-
0.045	9:11	0.011	0.011	-
0.045	9:12	0.011	0.011	-
0.045	9:13	0.011	0.011	-
0.045	9:14	0.011	0.011	-
0.045	9:15	0.011	0.011	-
0.045	9:16	0.012	0.011	-
0.045	9:17	0.011	0.011	-
0.045	9:18	0.012	0.011	-
0.045	9:19	0.012	0.011	-
0.045	9:20	0.011	0.011	-
0.045	9:21	0.011	0.011	-
0.045	9:22	0.012	0.011	-
0.045	9:23	0.012	0.011	-
0.045	9:24	0.012	0.011	-
0.045	9:25	0.012	0.011	-
0.045	9:26	0.012	0.012	-
0.045	9:27	0.012	0.012	-
0.045	9:28	0.012	0.012	-
0.045	9:29	0.011	0.012	-
0.045	9:30	0.012	0.012	-
0.045	9:31	0.012	0.012	-
0.045	9:32	0.011	0.012	-
0.045	9:33	0.011	0.012	-
0.045	9:34	0.011	0.012	-
0.045	9:35	0.012	0.012	-
0.045	9:36	0.012	0.012	-
0.045	9:37	0.012	0.012	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	9:38	0.012	0.012	-
0.045	9:39	0.012	0.012	-
0.045	9:40	0.012	0.012	-
0.045	9:41	0.013	0.012	-
0.045	9:42	0.012	0.012	-
0.045	9:43	0.011	0.012	-
0.045	9:44	0.031	0.013	-
0.045	9:45	0.052	0.016	-
0.045	9:46	0.012	0.016	-
0.045	9:47	0.012	0.016	-
0.045	9:48	0.013	0.016	-
0.045	9:49	0.012	0.016	-
0.045	9:50	0.012	0.016	-
0.045	9:51	0.016	0.016	-
0.045	9:52	0.014	0.016	-
0.045	9:53	0.016	0.017	-
0.045	9:54	0.014	0.017	-
0.045	9:55	0.012	0.017	-
0.045	9:56	0.012	0.017	-
0.045	9:57	0.015	0.017	-
0.045	9:58	0.013	0.017	-
0.045	9:59	0.014	0.016	-
0.045	10:00	0.017	0.014	-
0.045	10:01	0.014	0.014	-
0.045	10:02	0.013	0.014	-
0.045	10:03	0.014	0.014	-
0.045	10:04	0.013	0.014	-
0.045	10:05	0.015	0.014	-
0.045	10:06	0.014	0.014	-
0.045	10:07	0.015	0.014	-
0.045	10:08	0.018	0.014	-
0.045	10:09	0.017	0.014	-
0.045	10:10	0.014	0.015	-
0.045	10:11	0.015	0.015	-
0.045	10:12	0.023	0.015	-
0.045	10:13	0.02	0.016	-
0.045	10:14	0.016	0.016	-
0.045	10:15	0.016	0.016	-
0.045	10:16	0.015	0.016	-
0.045	10:17	0.017	0.016	-
0.045	10:18	0.015	0.016	-
0.045	10:19	0.015	0.016	-
0.045	10:20	0.014	0.016	-
0.045	10:21	0.014	0.016	-
0.045	10:22	0.013	0.016	-
0.045	10:23	0.013	0.016	-
0.045	10:24	0.013	0.016	-
0.045	10:25	0.016	0.016	-
0.045	10:26	0.017	0.016	-
0.045	10:27	0.015	0.015	-
0.045	10:28	0.013	0.015	-
0.045	10:29	0.015	0.015	-
0.045	10:30	0.015	0.015	-
0.045	10:31	0.014	0.015	-
0.045	10:32	0.013	0.014	-
0.045	10:33	0.014	0.014	-
0.045	10:34	0.013	0.014	-
0.045	10:35	0.016	0.014	-
0.045	10:36	0.016	0.014	-
0.045	10:37	0.014	0.014	-
0.045	10:38	0.013	0.014	-
0.045	10:39	0.016	0.015	-
0.045	10:40	0.021	0.015	-
0.045	10:41	0.031	0.016	-
0.045	10:42	0.015	0.016	-
0.045	10:43	0.017	0.016	-
0.045	10:44	0.016	0.016	-
0.045	10:45	0.015	0.016	-
0.045	10:46	0.019	0.017	-
0.045	10:47	0.017	0.017	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	10:48	0.016	0.017	-
0.045	10:49	0.016	0.017	-
0.045	10:50	0.018	0.017	-
0.045	10:51	0.016	0.017	-
0.045	10:52	0.014	0.017	-
0.045	10:53	0.016	0.018	-
0.045	10:54	0.017	0.018	-
0.045	10:55	0.016	0.017	-
0.045	10:56	0.015	0.016	-
0.045	10:57	0.014	0.016	-
0.045	10:58	0.014	0.016	-
0.045	10:59	0.014	0.016	-
0.045	11:00	0.014	0.016	-
0.045	11:01	0.016	0.016	-
0.045	11:02	0.014	0.015	-
0.045	11:03	0.013	0.015	-
0.045	11:04	0.013	0.015	-
0.045	11:05	0.014	0.015	-
0.045	11:06	0.014	0.015	-
0.045	11:07	0.013	0.014	-
0.045	11:08	0.013	0.014	-
0.045	11:09	0.015	0.014	-
0.045	11:10	0.015	0.014	-
0.045	11:11	0.017	0.014	-
0.045	11:12	0.018	0.014	-
0.045	11:13	0.014	0.014	-
0.045	11:14	0.018	0.015	-
0.045	11:15	0.015	0.015	-
0.045	11:16	0.015	0.015	-
0.045	11:17	0.014	0.015	-
0.045	11:18	0.013	0.015	-
0.045	11:19	0.015	0.015	-
0.045	11:20	0.02	0.015	-
0.045	11:21	0.021	0.016	-
0.045	11:22	0.014	0.016	-
0.045	11:23	0.017	0.016	-
0.045	11:24	0.014	0.016	-
0.045	11:25	0.014	0.016	-
0.045	11:26	0.015	0.016	-
0.045	11:27	0.021	0.016	-
0.045	11:28	0.015	0.016	-
0.045	11:29	0.023	0.016	-
0.045	11:30	0.027	0.017	-
0.045	11:31	0.019	0.017	-
0.045	11:32	0.018	0.018	-
0.045	11:33	0.026	0.019	-
0.045	11:34	0.02	0.019	-
0.045	11:35	0.023	0.019	-
0.045	11:36	0.017	0.019	-
0.045	11:37	0.014	0.019	-
0.045	11:38	0.014	0.019	-
0.045	11:39	0.019	0.019	-
0.045	11:40	0.017	0.019	-
0.045	11:41	0.013	0.019	-
0.045	11:42	0.014	0.019	-
0.045	11:43	0.02	0.019	-
0.045	11:44	0.021	0.019	-
0.045	11:45	0.018	0.018	-
0.045	11:46	0.022	0.018	-
0.045	11:47	0.016	0.018	-
0.045	11:48	0.02	0.018	-
0.045	11:49	0.019	0.018	-
0.045	11:50	0.021	0.018	-
0.045	11:51	0.016	0.018	-
0.045	11:52	0.014	0.018	-
0.045	11:53	0.014	0.018	-
0.045	11:54	0.019	0.018	-
0.045	11:55	0.014	0.017	-
0.045	11:56	0.015	0.018	-
0.045	11:57	0.017	0.018	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	11:58	0.014	0.017	-
0.045	11:59	0.016	0.017	-
0.045	12:00	0.012	0.017	-
0.045	12:01	0.016	0.016	-
0.045	12:02	0.025	0.017	-
0.045	12:03	0.017	0.017	-
0.045	12:04	0.016	0.016	-
0.045	12:05	0.02	0.016	-
0.045	12:06	0.026	0.017	-
0.045	12:07	0.016	0.017	-
0.045	12:08	0.022	0.018	-
0.045	12:09	0.021	0.018	-
0.045	12:10	0.018	0.018	-
0.045	12:11	0.014	0.018	-
0.045	12:12	0.013	0.018	-
0.045	12:13	0.013	0.018	-
0.045	12:14	0.016	0.018	-
0.045	12:15	0.017	0.018	-
0.045	12:16	0.019	0.018	-
0.045	12:17	0.013	0.017	-
0.045	12:18	0.015	0.017	-
0.045	12:19	0.015	0.017	-
0.045	12:20	0.015	0.017	-
0.045	12:21	0.014	0.016	-
0.045	12:22	0.012	0.016	-
0.045	12:23	0.016	0.015	-
0.045	12:24	0.017	0.015	-
0.045	12:25	0.017	0.015	-
0.045	12:26	0.014	0.015	-
0.045	12:27	0.011	0.015	-
0.045	12:28	0.011	0.015	-
0.045	12:29	0.011	0.014	-
0.045	12:30	0.011	0.014	-
0.045	12:31	0.011	0.014	-
0.045	12:32	0.011	0.013	-
0.045	12:33	0.011	0.013	-
0.045	12:34	0.011	0.013	-
0.045	12:35	0.011	0.013	-
0.045	12:36	0.011	0.012	-
0.045	12:37	0.011	0.012	-
0.045	12:38	0.01	0.012	-
0.045	12:39	0.01	0.011	-
0.045	12:40	0.011	0.011	-
0.045	12:41	0.011	0.011	-
0.045	12:42	0.011	0.011	-
0.045	12:43	0.011	0.011	-
0.045	12:44	0.016	0.011	-
0.045	12:45	0.015	0.011	-
0.045	12:46	0.015	0.012	-
0.045	12:47	0.01	0.012	-
0.045	12:48	0.01	0.012	-
0.045	12:49	0.009	0.011	-
0.045	12:50	0.009	0.011	-
0.045	12:51	0.009	0.011	-
0.045	12:52	0.01	0.011	-
0.045	12:53	0.01	0.011	-
0.045	12:54	0.012	0.011	-
0.045	12:55	0.013	0.011	-
0.045	12:56	0.01	0.011	-
0.045	12:57	0.011	0.011	-
0.045	12:58	0.01	0.011	-
0.045	12:59	0.01	0.011	-
0.045	13:00	0.011	0.011	-
0.045	13:01	0.013	0.010	-
0.045	13:02	0.014	0.011	-
0.045	13:03	0.012	0.011	-
0.045	13:04	0.01	0.011	-
0.045	13:05	0.015	0.011	-
0.045	13:06	0.014	0.012	-
0.045	13:07	0.011	0.012	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	13:08	0.01	0.012	-
0.045	13:09	0.01	0.012	-
0.045	13:10	0.011	0.011	-
0.045	13:11	0.01	0.011	-
0.045	13:12	0.013	0.012	-
0.045	13:13	0.012	0.012	-
0.045	13:14	0.01	0.012	-
0.045	13:15	0.01	0.012	-
0.045	13:16	0.01	0.011	-
0.045	13:17	0.01	0.011	-
0.045	13:18	0.011	0.011	-
0.045	13:19	0.011	0.011	-
0.045	13:20	0.01	0.011	-
0.045	13:21	0.01	0.011	-
0.045	13:22	0.01	0.011	-
0.045	13:23	0.011	0.011	-
0.045	13:24	0.01	0.011	-
0.045	13:25	0.011	0.011	-
0.045	13:26	0.011	0.011	-
0.045	13:27	0.013	0.011	-
0.045	13:28	0.012	0.011	-
0.045	13:29	0.011	0.011	-
0.045	13:30	0.011	0.011	-
0.045	13:31	0.011	0.011	-
0.045	13:32	0.011	0.011	-
0.045	13:33	0.011	0.011	-
0.045	13:34	0.011	0.011	-
0.045	13:35	0.011	0.011	-
0.045	13:36	0.011	0.011	-
0.045	13:37	0.011	0.011	-
0.045	13:38	0.01	0.011	-
0.045	13:39	0.01	0.011	-
0.045	13:40	0.01	0.011	-
0.045	13:41	0.01	0.011	-
0.045	13:42	0.01	0.011	-
0.045	13:43	0.01	0.011	-
0.045	13:44	0.01	0.011	-
0.045	13:45	0.01	0.010	-
0.045	13:46	0.011	0.010	-
0.045	13:47	0.012	0.011	-
0.045	13:48	0.011	0.011	-
0.045	13:49	0.012	0.011	-
0.045	13:50	0.029	0.012	-
0.045	13:51	0.011	0.012	-
0.045	13:52	0.011	0.012	-
0.045	13:53	0.011	0.012	-
0.045	13:54	0.011	0.012	-
0.045	13:55	0.011	0.012	-
0.045	13:56	0.012	0.012	-
0.045	13:57	0.014	0.012	-
0.045	13:58	0.011	0.012	-
0.045	13:59	0.011	0.013	-
0.045	14:00	0.011	0.013	-
0.045	14:01	0.011	0.013	-
0.045	14:02	0.01	0.012	-
0.045	14:03	0.01	0.012	-
0.045	14:04	0.009	0.012	-
0.045	14:05	0.009	0.011	-
0.045	14:06	0.009	0.011	-
0.045	14:07	0.009	0.011	-
0.045	14:08	0.009	0.010	-
0.045	14:09	0.009	0.010	-
0.045	14:10	0.009	0.010	-
0.045	14:11	0.009	0.010	-
0.045	14:12	0.009	0.010	-
0.045	14:13	0.009	0.010	-
0.045	14:14	0.01	0.009	-
0.045	14:15	0.01	0.009	-
0.045	14:16	0.009	0.009	-
0.045	14:17	0.009	0.009	-

PARTICULATE MONITORING DATA				
Background	Downwind			Exceeds Particulate Alarm Limits
Concentration (mg/m^3)	Time	Concentration (mg/m^3)	15-Minute Average	
0.045	14:18	0.009	0.009	-
0.045	14:19	0.009	0.009	-
0.045	14:20	0.009	0.009	-
0.045	14:21	0.009	0.009	-
0.045	14:22	0.009	0.009	-
0.045	14:23	0.01	0.009	-
0.045	14:24	0.01	0.009	-
0.045	14:25	0.01	0.009	-
0.045	14:26	0.009	0.009	-
0.045	14:27	0.009	0.009	-
0.045	14:28	0.01	0.009	-
0.045	14:29	0.01	0.009	-
0.045	14:30	0.009	0.009	-
0.045	14:31	0.011	0.009	-
0.045	14:32	0.014	0.010	-
0.045	14:33	0.012	0.010	-
0.045	14:34	0.013	0.010	-
0.045	14:35	0.012	0.010	-
0.045	14:36	0.011	0.011	-
0.045	14:37	0.011	0.011	-
0.045	14:38	0.012	0.011	-
0.045	14:39	0.013	0.011	-
0.045	14:40	0.013	0.011	-
0.045	14:41	0.012	0.011	-
0.045	14:42	0.01	0.012	-
0.045	14:43	0.009	0.011	-
0.045	14:44	0.01	0.011	-
0.045	14:45	0.01	0.012	-
0.045	14:46	0.011	0.012	-
0.045	14:47	0.012	0.011	-
0.045	14:48	0.01	0.011	-
0.045	14:49	0.009	0.011	-
0.045	14:50	0.01	0.011	-
0.045	14:51	0.011	0.011	-
0.045	14:52	0.01	0.011	-
0.045	14:53	0.011	0.011	-
0.045	14:54	0.01	0.011	-
0.045	14:55	0.009	0.010	-
0.045	14:56	0.008	0.010	-
0.045	14:57	0.009	0.010	-
0.045	14:58	0.009	0.010	-
0.045	14:59	0.009	0.010	-
0.045	15:00	0.01	0.010	-
0.045	15:01	0.012	0.010	-
0.045	15:02	0.013	0.010	-

Saturday, March 20, 2021				
Number of Instances Where Downwind Organic Vapors Exceeds Background Organic Vapors + 5 =				0
Number of Comparable Data Points =				444
Start Time:				7:26
End Time:				15:03
ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	7:26	0.0		
0.0	7:27	0.0		
0.0	7:28	0.0		
0.0	7:29	0.1		
0.0	7:30	0.2		
0.0	7:31	0.1		
0.0	7:32	0.0		
0.0	7:33	0.0		
0.0	7:34	0.3		
0.0	7:35	0.2		
0.0	7:36	0.2		
0.0	7:37	0.2		
0.0	7:38	0.3		
0.0	7:39	0.3		
0.0	7:40	0.2	0.1	-
0.0	7:41	0.1	0.1	-
0.0	7:42	0.3	0.2	-
0.0	7:43	0.3	0.2	-
0.0	7:44	0.3	0.2	-
0.0	7:45	0.1	0.2	-
0.0	7:46	0.0	0.2	-
0.0	7:47	0.0	0.2	-
0.0	7:48	0.0	0.2	-
0.0	7:49	0.0	0.2	-
0.0	7:50	0.0	0.2	-
0.0	7:51	0.0	0.1	-
0.0	7:52	0.1	0.1	-
0.0	7:53	0.0	0.1	-
0.0	7:54	0.0	0.1	-
0.0	7:55	0.0	0.1	-
0.0	7:56	0.0	0.1	-
0.0	7:57	0.0	0.1	-
0.0	7:58	0.0	0.0	-
0.0	7:59	0.0	0.0	-
0.0	8:00	0.0	0.0	-
0.0	8:01	0.0	0.0	-
0.0	8:02	0.0	0.0	-
0.0	8:03	0.4	0.0	-
0.0	8:04	0.1	0.0	-
0.0	8:05	0.1	0.0	-
0.0	8:06	0.1	0.1	-
0.0	8:07	0.1	0.1	-
0.0	8:08	0.1	0.1	-
0.0	8:09	0.1	0.1	-
0.0	8:10	0.1	0.1	-
0.0	8:11	0.0	0.1	-
0.0	8:12	0.1	0.1	-
0.0	8:13	0.0	0.1	-
0.0	8:14	0.1	0.1	-
0.0	8:15	0.0	0.1	-
0.0	8:16	0.1	0.1	-
0.0	8:17	0.1	0.1	-
0.0	8:18	0.1	0.1	-
0.0	8:19	0.0	0.1	-
0.0	8:20	0.0	0.1	-
0.0	8:21	0.0	0.1	-
0.0	8:22	0.0	0.1	-
0.0	8:23	0.0	0.1	-
0.0	8:24	0.0	0.1	-
0.0	8:25	0.0	0.0	-
0.0	8:26	0.0	0.0	-
0.0	8:27	0.1	0.0	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	8:28	0.0	0.0	-
0.0	8:29	0.0	0.0	-
0.0	8:30	0.0	0.0	-
0.0	8:31	0.0	0.0	-
0.0	8:32	0.0	0.0	-
0.0	8:33	0.0	0.0	-
0.0	8:34	0.0	0.0	-
0.0	8:35	0.0	0.0	-
0.0	8:36	0.1	0.0	-
0.0	8:37	0.0	0.0	-
0.0	8:38	0.0	0.0	-
0.0	8:39	0.1	0.0	-
0.0	8:40	0.1	0.0	-
0.0	8:41	0.1	0.0	-
0.0	8:42	0.1	0.0	-
0.0	8:43	0.1	0.0	-
0.0	8:44	0.1	0.0	-
0.0	8:45	0.1	0.0	-
0.0	8:46	0.1	0.0	-
0.0	8:47	0.1	0.0	-
0.0	8:48	0.1	0.0	-
0.0	8:49	0.1	0.1	-
0.0	8:50	0.1	0.1	-
0.0	8:51	0.1	0.1	-
0.0	8:52	0.1	0.1	-
0.0	8:53	0.1	0.1	-
0.0	8:54	0.1	0.1	-
0.0	8:55	0.1	0.1	-
0.0	8:56	0.1	0.1	-
0.0	8:57	0.1	0.1	-
0.0	8:58	0.1	0.1	-
0.0	8:59	0.1	0.1	-
0.0	9:00	0.1	0.1	-
0.0	9:01	0.1	0.1	-
0.0	9:02	0.1	0.1	-
0.0	9:03	0.1	0.1	-
0.0	9:04	0.1	0.1	-
0.0	9:05	0.1	0.1	-
0.0	9:06	0.1	0.1	-
0.0	9:07	0.1	0.1	-
0.0	9:08	0.1	0.1	-
0.0	9:09	0.1	0.1	-
0.0	9:10	0.1	0.1	-
0.0	9:11	0.1	0.1	-
0.0	9:12	0.1	0.1	-
0.0	9:13	0.1	0.1	-
0.0	9:14	0.1	0.1	-
0.0	9:15	0.1	0.1	-
0.0	9:16	0.1	0.1	-
0.0	9:17	0.1	0.1	-
0.0	9:18	0.1	0.1	-
0.0	9:19	0.1	0.1	-
0.0	9:20	0.1	0.1	-
0.0	9:21	0.1	0.1	-
0.0	9:22	0.1	0.1	-
0.0	9:23	0.1	0.1	-
0.0	9:24	0.1	0.1	-
0.0	9:25	0.2	0.1	-
0.0	9:26	0.1	0.1	-
0.0	9:27	0.1	0.1	-
0.0	9:28	0.1	0.1	-
0.0	9:29	0.1	0.1	-
0.0	9:30	0.2	0.1	-
0.0	9:31	0.1	0.1	-
0.0	9:32	0.1	0.1	-
0.0	9:33	0.1	0.1	-
0.0	9:34	0.1	0.1	-
0.0	9:35	0.1	0.1	-
0.0	9:36	0.1	0.1	-
0.0	9:37	0.1	0.1	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	9:38	0.1	0.1	-
0.0	9:39	0.2	0.1	-
0.0	9:40	0.1	0.1	-
0.0	9:41	0.1	0.1	-
0.0	9:42	0.1	0.1	-
0.0	9:43	0.1	0.1	-
0.0	9:44	0.3	0.1	-
0.0	9:45	0.2	0.1	-
0.0	9:46	0.2	0.1	-
0.0	9:47	0.1	0.1	-
0.0	9:48	0.2	0.1	-
0.0	9:49	0.2	0.1	-
0.0	9:50	0.1	0.1	-
0.0	9:51	0.1	0.1	-
0.0	9:52	0.1	0.1	-
0.0	9:53	0.1	0.1	-
0.0	9:54	0.1	0.1	-
0.0	9:55	0.1	0.1	-
0.0	9:56	0.1	0.1	-
0.0	9:57	0.1	0.1	-
0.0	9:58	0.1	0.1	-
0.0	9:59	0.1	0.1	-
0.0	10:00	0.1	0.1	-
0.0	10:01	0.1	0.1	-
0.0	10:02	0.1	0.1	-
0.0	10:03	0.1	0.1	-
0.0	10:04	0.1	0.1	-
0.0	10:05	0.1	0.1	-
0.0	10:06	0.1	0.1	-
0.0	10:07	0.1	0.1	-
0.0	10:08	0.1	0.1	-
0.0	10:09	0.1	0.1	-
0.0	10:10	0.1	0.1	-
0.0	10:11	0.1	0.1	-
0.0	10:12	0.1	0.1	-
0.0	10:13	0.1	0.1	-
0.0	10:14	0.1	0.1	-
0.0	10:15	0.1	0.1	-
0.0	10:16	0.1	0.1	-
0.0	10:17	0.1	0.1	-
0.0	10:18	0.1	0.1	-
0.0	10:19	0.1	0.1	-
0.0	10:20	0.1	0.1	-
0.0	10:21	0.1	0.1	-
0.0	10:22	0.1	0.1	-
0.0	10:23	0.1	0.1	-
0.0	10:24	0.1	0.1	-
0.0	10:25	0.1	0.1	-
0.0	10:26	0.1	0.1	-
0.0	10:27	0.1	0.1	-
0.0	10:28	0.1	0.1	-
0.0	10:29	0.1	0.1	-
0.0	10:30	0.1	0.1	-
0.0	10:31	0.1	0.1	-
0.0	10:32	0.1	0.1	-
0.0	10:33	0.1	0.1	-
0.0	10:34	0.1	0.1	-
0.0	10:35	0.1	0.1	-
0.0	10:36	0.1	0.1	-
0.0	10:37	0.1	0.1	-
0.0	10:38	0.1	0.1	-
0.0	10:39	0.1	0.1	-
0.0	10:40	0.1	0.1	-
0.0	10:41	0.1	0.1	-
0.0	10:42	0.1	0.1	-
0.0	10:43	0.1	0.1	-
0.0	10:44	0.1	0.1	-
0.0	10:45	0.1	0.1	-
0.0	10:46	0.1	0.1	-
0.0	10:47	0.1	0.1	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	10:48	0.1	0.1	-
0.0	10:49	0.1	0.1	-
0.0	10:50	0.1	0.1	-
0.0	10:51	0.1	0.1	-
0.0	10:52	0.1	0.1	-
0.0	10:53	0.1	0.1	-
0.0	10:54	0.1	0.1	-
0.0	10:55	0.1	0.1	-
0.0	10:56	0.1	0.1	-
0.0	10:57	0.1	0.1	-
0.0	10:58	0.1	0.1	-
0.0	10:59	0.1	0.1	-
0.0	11:00	0.1	0.1	-
0.0	11:01	0.1	0.1	-
0.0	11:02	0.1	0.1	-
0.0	11:03	0.1	0.1	-
0.0	11:04	0.1	0.1	-
0.0	11:05	0.1	0.1	-
0.0	11:06	0.1	0.1	-
0.0	11:07	0.1	0.1	-
0.0	11:08	0.1	0.1	-
0.0	11:09	0.1	0.1	-
0.0	11:10	0.1	0.1	-
0.0	11:11	0.1	0.1	-
0.0	11:12	0.1	0.1	-
0.0	11:13	0.1	0.1	-
0.0	11:14	0.1	0.1	-
0.0	11:15	0.1	0.1	-
0.0	11:16	0.1	0.1	-
0.0	11:17	0.1	0.1	-
0.0	11:18	0.1	0.1	-
0.0	11:19	0.1	0.1	-
0.0	11:20	0.1	0.1	-
0.0	11:21	0.1	0.1	-
0.0	11:22	0.1	0.1	-
0.0	11:23	0.1	0.1	-
0.0	11:24	0.1	0.1	-
0.0	11:25	0.1	0.1	-
0.0	11:26	0.1	0.1	-
0.0	11:27	0.1	0.1	-
0.0	11:28	0.1	0.1	-
0.0	11:29	0.1	0.1	-
0.0	11:30	0.1	0.1	-
0.0	11:31	0.1	0.1	-
0.0	11:32	0.1	0.1	-
0.0	11:33	0.1	0.1	-
0.0	11:34	0.1	0.1	-
0.0	11:35	0.1	0.1	-
0.0	11:36	0.1	0.1	-
0.0	11:37	0.1	0.1	-
0.0	11:38	0.1	0.1	-
0.0	11:39	0.1	0.1	-
0.0	11:40	0.1	0.1	-
0.0	11:41	0.1	0.1	-
0.0	11:42	0.1	0.1	-
0.0	11:43	0.1	0.1	-
0.0	11:44	0.1	0.1	-
0.0	11:45	0.1	0.1	-
0.0	11:46	0.1	0.1	-
0.0	11:47	0.1	0.1	-
0.0	11:48	0.1	0.1	-
0.0	11:49	0.1	0.1	-
0.0	11:50	0.1	0.1	-
0.0	11:51	0.1	0.1	-
0.0	11:52	0.1	0.1	-
0.0	11:53	0.1	0.1	-
0.0	11:54	0.1	0.1	-
0.0	11:55	0.1	0.1	-
0.0	11:56	0.1	0.1	-
0.0	11:57	0.1	0.1	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	11:58	0.1	0.1	-
0.0	11:59	0.1	0.1	-
0.0	12:00	0.1	0.1	-
0.0	12:01	0.1	0.1	-
0.0	12:02	0.1	0.1	-
0.0	12:03	0.1	0.1	-
0.0	12:04	0.1	0.1	-
0.0	12:05	0.1	0.1	-
0.0	12:06	0.1	0.1	-
0.0	12:07	0.1	0.1	-
0.0	12:08	0.1	0.1	-
0.0	12:09	0.1	0.1	-
0.0	12:10	0.1	0.1	-
0.0	12:11	0.1	0.1	-
0.0	12:12	0.1	0.1	-
0.0	12:13	0.1	0.1	-
0.0	12:14	0.1	0.1	-
0.0	12:15	0.1	0.1	-
0.0	12:16	0.1	0.1	-
0.0	12:17	0.1	0.1	-
0.0	12:18	0.1	0.1	-
0.0	12:19	0.1	0.1	-
0.0	12:20	0.1	0.1	-
0.0	12:21	0.1	0.1	-
0.0	12:22	0.1	0.1	-
0.0	12:23	0.1	0.1	-
0.0	12:24	0.1	0.1	-
0.0	12:25	0.1	0.1	-
0.0	12:26	0.1	0.1	-
0.0	12:27	0.1	0.1	-
0.0	12:28	0.1	0.1	-
0.0	12:29	0.1	0.1	-
0.0	12:30	0.1	0.1	-
0.0	12:31	0.1	0.1	-
0.0	12:32	0.1	0.1	-
0.0	12:33	0.1	0.1	-
0.0	12:34	0.1	0.1	-
0.0	12:35	0.1	0.1	-
0.0	12:36	0.1	0.1	-
0.0	12:37	0.1	0.1	-
0.0	12:38	0.1	0.1	-
0.0	12:39	0.1	0.1	-
0.0	12:40	0.1	0.1	-
0.0	12:41	0.1	0.1	-
0.0	12:42	0.1	0.1	-
0.0	12:43	0.1	0.1	-
0.0	12:44	0.1	0.1	-
0.0	12:45	0.1	0.1	-
0.0	12:46	0.1	0.1	-
0.0	12:47	0.1	0.1	-
0.0	12:48	0.1	0.1	-
0.0	12:49	0.1	0.1	-
0.0	12:50	0.1	0.1	-
0.0	12:51	0.1	0.1	-
0.0	12:52	0.1	0.1	-
0.0	12:53	0.1	0.1	-
0.0	12:54	0.1	0.1	-
0.0	12:55	0.1	0.1	-
0.0	12:56	0.1	0.1	-
0.0	12:57	0.1	0.1	-
0.0	12:58	0.1	0.1	-
0.0	12:59	0.1	0.1	-
0.0	13:00	0.1	0.1	-
0.0	13:01	0.1	0.1	-
0.0	13:02	0.1	0.1	-
0.0	13:03	0.1	0.1	-
0.0	13:04	0.1	0.1	-
0.0	13:05	0.1	0.1	-
0.0	13:06	0.1	0.1	-
0.0	13:07	0.1	0.1	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	13:08	0.1	0.1	-
0.0	13:09	0.1	0.1	-
0.0	13:10	0.1	0.1	-
0.0	13:11	0.1	0.1	-
0.0	13:12	0.1	0.1	-
0.0	13:13	0.1	0.1	-
0.0	13:14	0.1	0.1	-
0.0	13:15	0.1	0.1	-
0.0	13:16	0.1	0.1	-
0.0	13:17	0.1	0.1	-
0.0	13:18	0.1	0.1	-
0.0	13:19	0.1	0.1	-
0.0	13:20	0.1	0.1	-
0.0	13:21	0.1	0.1	-
0.0	13:22	0.1	0.1	-
0.0	13:23	0.2	0.1	-
0.0	13:24	0.1	0.1	-
0.0	13:25	0.1	0.1	-
0.0	13:26	0.1	0.1	-
0.0	13:27	0.1	0.1	-
0.0	13:28	0.1	0.1	-
0.0	13:29	0.1	0.1	-
0.0	13:30	0.1	0.1	-
0.0	13:31	0.1	0.1	-
0.0	13:32	0.1	0.1	-
0.0	13:33	0.1	0.1	-
0.0	13:34	0.1	0.1	-
0.0	13:35	0.1	0.1	-
0.0	13:36	0.1	0.1	-
0.0	13:37	0.1	0.1	-
0.0	13:38	0.1	0.1	-
0.0	13:39	0.1	0.1	-
0.0	13:40	0.1	0.1	-
0.0	13:41	0.1	0.1	-
0.0	13:42	0.1	0.1	-
0.0	13:43	0.1	0.1	-
0.0	13:44	0.1	0.1	-
0.0	13:45	0.1	0.1	-
0.0	13:46	0.1	0.1	-
0.0	13:47	0.1	0.1	-
0.0	13:48	0.1	0.1	-
0.0	13:49	0.1	0.1	-
0.0	13:50	0.1	0.1	-
0.0	13:51	0.1	0.1	-
0.0	13:52	0.1	0.1	-
0.0	13:53	0.1	0.1	-
0.0	13:54	0.1	0.1	-
0.0	13:55	0.1	0.1	-
0.0	13:56	0.1	0.1	-
0.0	13:57	0.1	0.1	-
0.0	13:58	0.1	0.1	-
0.0	13:59	0.1	0.1	-
0.0	14:00	0.1	0.1	-
0.0	14:01	0.1	0.1	-
0.0	14:02	0.1	0.1	-
0.0	14:03	0.1	0.1	-
0.0	14:04	0.1	0.1	-
0.0	14:05	0.1	0.1	-
0.0	14:06	0.1	0.1	-
0.0	14:07	0.1	0.1	-
0.0	14:08	0.1	0.1	-
0.0	14:09	0.1	0.1	-
0.0	14:10	0.1	0.1	-
0.0	14:11	0.1	0.1	-
0.0	14:12	0.1	0.1	-
0.0	14:13	0.1	0.1	-
0.0	14:14	0.1	0.1	-
0.0	14:15	0.1	0.1	-
0.0	14:16	0.1	0.1	-
0.0	14:17	0.1	0.1	-

ORGANIC VAPOR MONITORING DATA				
Background	Downwind			Exceeds Organic Vapors Alarm Limits
VOC (ppm)	Time	VOC (ppm)	15-Minute Average	
0.0	14:18	0.1	0.1	-
0.0	14:19	0.1	0.1	-
0.0	14:20	0.1	0.1	-
0.0	14:21	0.1	0.1	-
0.0	14:22	0.1	0.1	-
0.0	14:23	0.1	0.1	-
0.0	14:24	0.1	0.1	-
0.0	14:25	0.1	0.1	-
0.0	14:26	0.1	0.1	-
0.0	14:27	0.1	0.1	-
0.0	14:28	0.1	0.1	-
0.0	14:29	0.1	0.1	-
0.0	14:30	0.1	0.1	-
0.0	14:31	0.1	0.1	-
0.0	14:32	0.1	0.1	-
0.0	14:33	0.1	0.1	-
0.0	14:34	0.1	0.1	-
0.0	14:35	0.1	0.1	-
0.0	14:36	0.1	0.1	-
0.0	14:37	0.1	0.1	-
0.0	14:38	0.1	0.1	-
0.0	14:39	0.1	0.1	-
0.0	14:40	0.1	0.1	-
0.0	14:41	0.1	0.1	-
0.0	14:42	0.1	0.1	-
0.0	14:43	0.1	0.1	-
0.0	14:44	0.1	0.1	-
0.0	14:45	0.1	0.1	-
0.0	14:46	0.1	0.1	-
0.0	14:47	0.1	0.1	-
0.0	14:48	0.1	0.1	-
0.0	14:49	0.1	0.1	-
0.0	14:50	0.1	0.1	-
0.0	14:51	0.1	0.1	-
0.0	14:52	0.1	0.1	-
0.0	14:53	0.1	0.1	-
0.0	14:54	0.1	0.1	-
0.0	14:55	0.1	0.1	-
0.0	14:56	0.1	0.1	-
0.0	14:57	0.1	0.1	-
0.0	14:58	0.1	0.1	-
0.0	14:59	0.1	0.1	-
0.0	15:00	0.1	0.1	-
0.0	15:01	0.1	0.1	-
0.0	15:02	0.1	0.1	-
0.0	15:03	0.1	0.1	-

ATTACHMENT 7

Laboratory Analytical Data Reports

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Paul McMahon

Report Date: 03/29/2021
Client Project ID: 170361303
York Project (SDG) No.: 21C1032

Report Date: 03/29/2021
Client Project ID: 170361303
York Project (SDG) No.: 21C1032

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Paul McMahon

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 March 22, 2021 and listed below. The project was identified as your project: **170361303**.

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
21C1032-01	SSV01_031921	Soil Vapor	03/19/2021	03/22/2021
21C1032-02	SSV02_031921	Soil Vapor	03/19/2021	03/22/2021
21C1032-03	SSV03_031921	Soil Vapor	03/19/2021	03/22/2021
21C1032-04	SSV04_031921	Soil Vapor	03/20/2021	03/22/2021
21C1032-05	IA01_031921	Indoor Ambient Air	03/19/2021	03/22/2021
21C1032-06	IA02_031921	Indoor Ambient Air	03/19/2021	03/22/2021
21C1032-07	IA03_031921	Indoor Ambient Air	03/19/2021	03/22/2021
21C1032-08	IA04_031921	Indoor Ambient Air	03/19/2021	03/22/2021
21C1032-09	AA01_031921	Outdoor Ambient Ai	03/19/2021	03/22/2021

General Notes for York Project (SDG) No.: 21C1032

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; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 03/29/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SSV01_031921 **York Sample ID:** 21C1032-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:17 pm	03/22/2021

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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	0.98	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**0.85**		ug/m³	0.78	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.98	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.78	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.58	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**32**		ug/m³	0.70	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.85	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.58	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.66	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.99	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**8.0**		ug/m³	0.70	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.94	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.85	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.66	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.85	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**120**		ug/m³	0.42	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV01_031921 **York Sample ID:** 21C1032-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:17 pm	03/22/2021

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
591-78-6	*** 2-Hexanone**	**12**		ug/m³	1.2	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.5**		ug/m³	0.58	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**470**		ug/m³	6.8	14.21	EPA TO-15	03/26/2021 04:33	03/26/2021 18:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.31	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.1**		ug/m³	0.45	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.74	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.95	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.5	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.55	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**3.7**		ug/m³	0.44	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.27**		ug/m³	0.22	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.65	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.37	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.5**		ug/m³	0.69	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.70**		ug/m³	0.29	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**12**		ug/m³	0.49	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.70	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			

Sample Information

Client Sample ID: SSV01_031921 **York Sample ID:** 21C1032-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:17 pm	03/22/2021

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
100-41-4	**Ethyl Benzene**	**29**		ug/m³	0.62	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**25**		ug/m³	0.70	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**14**		ug/m³	0.58	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**9.1**		ug/m³	0.99	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**4.5**		ug/m³	0.58	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**4.0**		ug/m³	0.50	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**50**		ug/m³	0.62	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**120**		ug/m³	1.2	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**30**		ug/m³	0.70	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
115-07-1	*** Propylene**	**16**		ug/m³	0.24	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.61	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.8**		ug/m³	0.96	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.84	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:			
108-88-3	**Toluene**	**31**		ug/m³	0.54	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.23**		ug/m³	0.19	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.80	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.50	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV01_031921 **York Sample ID:** 21C1032-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:17 pm	03/22/2021

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

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
75-01-4	**Vinyl Chloride**	**1.7**		ug/m³	0.18	1.421	EPA TO-15	03/26/2021 04:33	03/26/2021 21:28	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV02_031921 **York Sample ID:** 21C1032-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:21 pm	03/22/2021

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	6.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.7	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.87	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**85**		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.7	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**23**		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	5.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	4.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**820**		ug/m³	2.6	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**74**		ug/m³	7.2	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			

Sample Information

Client Sample ID: SSV02_031921 **York Sample ID:** 21C1032-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:21 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	14	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.6	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**150**		ug/m³	4.2	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.9	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**4.8**		ug/m³	2.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	4.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	5.9	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	9.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	3.4	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	2.7	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.4	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	4.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	2.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**15**		ug/m³	0.87	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**6.9**		ug/m³	3.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	7.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**17**		ug/m³	6.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**45**		ug/m³	3.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV02_031921 **York Sample ID:** 21C1032-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:21 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	9.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**100**		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**9.0**		ug/m³	3.6	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.2	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**48**		ug/m³	6.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**24**		ug/m³	3.6	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**15**		ug/m³	3.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**85**		ug/m³	3.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**190**		ug/m³	7.6	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**89**		ug/m³	4.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
115-07-1	*** Propylene**	**92**		ug/m³	1.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	3.7	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	5.9	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.2	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:			
108-88-3	**Toluene**	**100**		ug/m³	3.3	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.5	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.0	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**270**		ug/m³	1.2	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.9	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	3.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	3.8	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	8.76	EPA TO-15	03/26/2021 04:33	03/26/2021 22:26	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSV02_031921** **York Sample ID:** **21C1032-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 11:21 pm	03/22/2021

Sample Information

Client Sample ID: SSV03_031921 **York Sample ID:** 21C1032-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 9:02 pm	03/22/2021

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	5.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.5	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.3	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.5	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.3	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.81	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.1	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**75**		ug/m³	4.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.3	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	**1,2-Dichloroethane**	**24**		ug/m³	3.3	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**21**		ug/m³	4.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	5.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	5.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**290**		ug/m³	2.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**51**		ug/m³	6.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			

Sample Information

Client Sample ID: SSV03_031921 **York Sample ID:** 21C1032-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 9:02 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	13	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**38**		ug/m³	3.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**3.7**		ug/m³	2.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	4.2	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	5.5	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	8.5	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	3.2	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**7.1**		ug/m³	2.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	3.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	2.2	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**9.6**		ug/m³	4.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**44**		ug/m³	0.81	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**13**		ug/m³	2.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	7.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.1	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	5.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**50**		ug/m³	3.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV03_031921 **York Sample ID:** 21C1032-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 9:02 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.0**		ug/m³	4.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	3.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**37**		ug/m³	5.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**19**		ug/m³	3.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**16**		ug/m³	2.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**90**		ug/m³	3.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**200**		ug/m³	7.1	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**79**		ug/m³	4.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
115-07-1	*** Propylene**	**27**		ug/m³	1.4	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	3.5	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**6.1**		ug/m³	5.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.8	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:			
108-88-3	**Toluene**	**100**		ug/m³	3.1	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.2	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.7	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**1600**		ug/m³	1.1	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	2.9	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	3.6	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	1.0	8.195	EPA TO-15	03/26/2021 04:33	03/27/2021 00:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSV03_031921** **York Sample ID:** **21C1032-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 19, 2021 9:02 pm	03/22/2021

Sample Information

Client Sample ID: SSV04_031921 **York Sample ID:** 21C1032-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 20, 2021 12:07 am	03/22/2021

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	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	15	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.9	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**79**		ug/m³	9.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**22**		ug/m³	9.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	14	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**740**		ug/m³	5.6	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**100**		ug/m³	16	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			

Sample Information

Client Sample ID: SSV04_031921 **York Sample ID:** 21C1032-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 20, 2021 12:07 am	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	30	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.8	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**67**		ug/m³	9.0	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	4.1	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**7.9**		ug/m³	6.0	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	9.8	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	20	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	7.4	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	5.9	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	3.0	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	8.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	5.0	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**60**		ug/m³	9.2	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	3.9	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**31**		ug/m³	1.9	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**13**		ug/m³	6.5	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	16	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.4	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	14	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**58**		ug/m³	8.2	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV04_031921 **York Sample ID:** 21C1032-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 20, 2021 12:07 am	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	9.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	7.8	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**33**		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**27**		ug/m³	7.8	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**17**		ug/m³	6.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**100**		ug/m³	8.2	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**220**		ug/m³	16	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**83**		ug/m³	9.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
115-07-1	*** Propylene**	**68**		ug/m³	3.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	8.1	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**18**		ug/m³	13	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:			
108-88-3	**Toluene**	**130**		ug/m³	7.1	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**21000**		ug/m³	13	94.65	EPA TO-15	03/26/2021 04:33	03/27/2021 02:00	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	6.7	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	8.3	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	2.4	18.93	EPA TO-15	03/26/2021 04:33	03/27/2021 01:10	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SSV04_031921** **York Sample ID:** **21C1032-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Soil Vapor	March 20, 2021 12:07 am	03/22/2021

Sample Information

Client Sample ID: IA01_031921 **York Sample ID:** 21C1032-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 11:49 pm	03/22/2021

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	0.56	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.56	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.62	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.081	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.48**		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.63	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.49	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.38	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.57	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.54	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.49	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.38	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.49	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.59	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.24	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.67	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			

Sample Information

Client Sample ID: IA01_031921 **York Sample ID:** 21C1032-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 11:49 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**4.8**		ug/m³	0.39	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.18	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.52**		ug/m³	0.26	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.55	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.84	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.32	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.36**		ug/m³	0.13	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.38	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.22	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.17	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.081	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.59	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA01_031921 **York Sample ID:** 21C1032-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 11:49 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.87	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.1**		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**3.0**		ug/m³	0.33	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**19**		ug/m³	0.57	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.33	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.49**		ug/m³	0.29	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.39**		ug/m³	0.35	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.0**		ug/m³	0.71	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.44**		ug/m³	0.40	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.35	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.48	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:			
108-88-3	**Toluene**	**1.1**		ug/m³	0.31	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**18**		ug/m³	0.11	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.46	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.29	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.36	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.815	EPA TO-15	03/26/2021 04:33	03/27/2021 03:11	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA01_031921** **York Sample ID:** **21C1032-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 11:49 pm	03/22/2021

Sample Information

Client Sample ID: IA02_031921 **York Sample ID:** 21C1032-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:37 pm	03/22/2021

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	0.60	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.48	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.60	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.67	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.087	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.65	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.52**		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.53	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.53	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.53	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.62**		ug/m³	0.26	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.72	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			

Sample Information

Client Sample ID: IA02_031921 **York Sample ID:** 21C1032-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:37 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.2**		ug/m³	0.42	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.19	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.53**		ug/m³	0.28	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.59	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.91	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.34	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.39**		ug/m³	0.14	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.23	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.18	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.087	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.75	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.63	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.38	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA02_031921 **York Sample ID:** 21C1032-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:37 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.93	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**3.1**		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**2.6**		ug/m³	0.36	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**19**		ug/m³	0.61	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.36	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.49**		ug/m³	0.31	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.38	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**0.87**		ug/m³	0.76	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.43	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.15	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.37	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**22**		ug/m³	0.59	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.52	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:			
108-88-3	**Toluene**	**0.92**		ug/m³	0.33	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2.2**		ug/m³	0.12	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.49	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.876	EPA TO-15	03/26/2021 04:33	03/27/2021 05:40	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA02_031921** **York Sample ID:** **21C1032-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:37 pm	03/22/2021

Sample Information

Client Sample ID: IA03_031921 **York Sample ID:** 21C1032-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:53 pm	03/22/2021

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	0.58	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.46	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.58	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.65	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.46	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.34	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.084	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.63	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.42**		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.65	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.51	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.34	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.39	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.59	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.56	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.51	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.39	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.51	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.61	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.25	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.70	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			

Sample Information

Client Sample ID: IA03_031921 **York Sample ID:** 21C1032-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:53 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.35	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**10**		ug/m³	0.40	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.18	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.60**		ug/m³	0.27	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.44	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.57	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.88	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.33	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.13	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.39	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.22	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.18	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.084	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.29	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.72	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.61	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.37	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA03_031921 **York Sample ID:** 21C1032-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:53 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.91	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**5.4**		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**4.0**		ug/m³	0.35	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**26**		ug/m³	0.59	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.35	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.45**		ug/m³	0.30	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.37	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**0.74**		ug/m³	0.74	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.42	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.15	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.36	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.58	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.50	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:			
108-88-3	**Toluene**	**0.90**		ug/m³	0.32	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**1.9**		ug/m³	0.11	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.48	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.30	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.37	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.851	EPA TO-15	03/26/2021 04:33	03/27/2021 06:50	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA03_031921** **York Sample ID:** **21C1032-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 9:53 pm	03/22/2021

Sample Information

Client Sample ID: IA04_031921 **York Sample ID:** 21C1032-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 10:54 pm	03/22/2021

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	0.55	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.61	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.59	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.47**		ug/m³	0.39	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.61	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.99**		ug/m³	0.24	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.65	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			

Sample Information

Client Sample ID: IA04_031921 **York Sample ID:** 21C1032-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 10:54 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**7.3**		ug/m³	0.38	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.51**		ug/m³	0.26	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.41	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.83	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.31	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.45**		ug/m³	0.13	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.21	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.39	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.16	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.19**		ug/m³	0.079	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.40	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**0.86**		ug/m³	0.58	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA04_031921 **York Sample ID:** 21C1032-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 10:54 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.85	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**5.6**		ug/m³	0.39	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**2.1**		ug/m³	0.33	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**10**		ug/m³	0.56	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.39**		ug/m³	0.33	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.51**		ug/m³	0.28	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.38**		ug/m³	0.35	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.1**		ug/m³	0.69	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.39**		ug/m³	0.39	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.34	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.98**		ug/m³	0.54	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.47	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:			
108-88-3	**Toluene**	**1.4**		ug/m³	0.30	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**43**		ug/m³	0.11	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.45	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.28	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.799	EPA TO-15	03/26/2021 04:33	03/27/2021 08:04	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA04_031921** **York Sample ID:** **21C1032-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Indoor Ambient Air	March 19, 2021 10:54 pm	03/22/2021

Sample Information

Client Sample ID: AA01_031921 **York Sample ID:** 21C1032-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Outdoor Ambient Air	March 19, 2021 11:55 pm	03/22/2021

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	0.56	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.56	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.62	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.56**		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.49	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.57	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.54	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.49	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.49	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.48**		ug/m³	0.24	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			

Sample Information

Client Sample ID: AA01_031921 **York Sample ID:** 21C1032-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Outdoor Ambient Air	March 19, 2021 11:55 pm	03/22/2021

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
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.9**		ug/m³	0.38	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.18	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.59**		ug/m³	0.26	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.84	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.31	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.13	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.21	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.17	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**4.5**		ug/m³	0.58	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.35	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA01_031921 **York Sample ID:** 21C1032-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Outdoor Ambient Air	March 19, 2021 11:55 pm	03/22/2021

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
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**3.7**		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.65**		ug/m³	0.56	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.33	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.48**		ug/m³	0.29	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.60**		ug/m³	0.35	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.7**		ug/m³	0.70	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.56**		ug/m³	0.40	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.34	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.48	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:			
108-88-3	**Toluene**	**1.0**		ug/m³	0.30	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.45	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.28	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.809	EPA TO-15	03/26/2021 04:33	03/27/2021 09:14	LJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **AA01_031921** **York Sample ID:** **21C1032-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1032	170361303	Outdoor Ambient Air	March 19, 2021 11:55 pm	03/22/2021

Analytical Batch Summary

Batch ID: BC11584 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
21C1032-01	SSV01_031921	03/26/21
21C1032-01RE1	SSV01_031921	03/26/21
21C1032-02	SSV02_031921	03/26/21
21C1032-03	SSV03_031921	03/26/21
21C1032-04	SSV04_031921	03/26/21
21C1032-04RE1	SSV04_031921	03/26/21
21C1032-05	IA01_031921	03/26/21
21C1032-06	IA02_031921	03/26/21
21C1032-07	IA03_031921	03/26/21
21C1032-08	IA04_031921	03/26/21
21C1032-09	AA01_031921	03/26/21
BC11584-BLK1	Blank	03/26/21
BC11584-BS1	LCS	03/26/21
BC11584-DUP1	Duplicate	03/26/21

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11584 - EPA TO15 PREP											
Blank (BC11584-BLK1) Blank									Prepared & Analyzed: 03/26/2021		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11584 - EPA TO15 PREP											
Blank (BC11584-BLK1) Blank									Prepared & Analyzed: 03/26/2021		
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BC11584-BS1) LCS									Prepared & Analyzed: 03/26/2021		
1,1,1,2-Tetrachloroethane	9.90		ppbv	10.0		99.0	70-130				
1,1,1-Trichloroethane	9.41		"	10.0		94.1	70-130				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.22		"	10.0		92.2	70-130				
1,1,2-Trichloroethane	10.0		"	10.0		100	70-130				
1,1-Dichloroethane	9.20		"	10.0		92.0	70-130				
1,1-Dichloroethylene	8.96		"	10.0		89.6	70-130				
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	70-130				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	70-130				
1,2-Dibromoethane	10.2		"	10.0		102	70-130				
1,2-Dichlorobenzene	8.94		"	10.0		89.4	70-130				
1,2-Dichloroethane	9.16		"	10.0		91.6	70-130				
1,2-Dichloropropane	10.4		"	10.0		104	70-130				
1,2-Dichlorotetrafluoroethane	11.5		"	10.0		115	70-130				
1,3,5-Trimethylbenzene	9.79		"	10.0		97.9	70-130				
1,3-Butadiene	10.2		"	10.0		102	70-130				
1,3-Dichlorobenzene	9.14		"	10.0		91.4	70-130				
1,3-Dichloropropane	9.99		"	10.0		99.9	70-130				
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130				
1,4-Dioxane	8.95		"	10.0		89.5	70-130				
2-Butanone	9.71		"	10.0		97.1	70-130				
2-Hexanone	10.3		"	10.0		103	70-130				
3-Chloropropene	10.6		"	10.0		106	70-130				
4-Methyl-2-pentanone	10.6		"	10.0		106	70-130				
Acetone	8.00		"	10.0		80.0	70-130				
Acrylonitrile	10.2		"	10.0		102	70-130				
Benzene	9.37		"	10.0		93.7	70-130				
Benzyl chloride	11.0		"	10.0		110	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	11.0		"	10.0		110	70-130				
Bromomethane	10.4		"	10.0		104	70-130				
Carbon disulfide	9.65		"	10.0		96.5	70-130				
Carbon tetrachloride	8.97		"	10.0		89.7	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11584 - EPA TO15 PREP											
LCS (BC11584-BS1) LCS							Prepared & Analyzed: 03/26/2021				
Chlorobenzene	9.48		ppbv	10.0		94.8	70-130				
Chloroethane	10.9		"	10.0		109	70-130				
Chloroform	9.29		"	10.0		92.9	70-130				
Chloromethane	10.3		"	10.0		103	70-130				
cis-1,2-Dichloroethylene	9.08		"	10.0		90.8	70-130				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Cyclohexane	10.7		"	10.0		107	70-130				
Dibromochloromethane	10.4		"	10.0		104	70-130				
Dichlorodifluoromethane	8.61		"	10.0		86.1	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	70-130				
Isopropanol	8.60		"	10.0		86.0	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	70-130				
Methylene chloride	8.95		"	10.0		89.5	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	9.18		"	10.0		91.8	70-130				
o-Xylene	10.4		"	10.0		104	70-130				
p- & m- Xylenes	20.2		"	20.0		101	70-130				
p-Ethyltoluene	10.1		"	10.0		101	70-130				
Propylene	9.17		"	10.0		91.7	70-130				
Styrene	10.5		"	10.0		105	70-130				
Tetrachloroethylene	9.25		"	10.0		92.5	70-130				
Tetrahydrofuran	9.85		"	10.0		98.5	70-130				
Toluene	9.87		"	10.0		98.7	70-130				
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	9.63		"	10.0		96.3	70-130				
Trichlorofluoromethane (Freon 11)	8.90		"	10.0		89.0	70-130				
Vinyl acetate	9.66		"	10.0		96.6	70-130				
Vinyl bromide	9.89		"	10.0		98.9	70-130				
Vinyl Chloride	9.45		"	10.0		94.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11584 - EPA TO15 PREP											
Duplicate (BC11584-DUP1) Duplicate	*Source sample: 21C1032-05 (IA01_031921)								Prepared: 03/26/2021 Analyzed: 03/27/2021		
1,1,1,2-Tetrachloroethane	ND	0.56	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.44	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.56	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.62	"		ND					25	
1,1,2-Trichloroethane	ND	0.44	"		ND					25	
1,1-Dichloroethane	ND	0.33	"		ND					25	
1,1-Dichloroethylene	ND	0.081	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.60	"		ND					25	
1,2,4-Trimethylbenzene	0.48	0.40	"		0.48				0.00	25	
1,2-Dibromoethane	ND	0.63	"		ND					25	
1,2-Dichlorobenzene	ND	0.49	"		ND					25	
1,2-Dichloroethane	ND	0.33	"		ND					25	
1,2-Dichloropropane	ND	0.38	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.57	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.40	"		ND					25	
1,3-Butadiene	ND	0.54	"		ND					25	
1,3-Dichlorobenzene	ND	0.49	"		ND					25	
1,3-Dichloropropane	ND	0.38	"		ND					25	
1,4-Dichlorobenzene	ND	0.49	"		ND					25	
1,4-Dioxane	ND	0.59	"		ND					25	
2-Butanone	1.2	0.24	"		1.3				9.71	25	
2-Hexanone	ND	0.67	"		ND					25	
3-Chloropropene	ND	1.3	"		ND					25	
4-Methyl-2-pentanone	ND	0.33	"		ND					25	
Acetone	4.6	0.39	"		4.8				4.92	25	
Acrylonitrile	ND	0.18	"		ND					25	
Benzene	0.49	0.26	"		0.52				5.13	25	
Benzyl chloride	ND	0.42	"		ND					25	
Bromodichloromethane	ND	0.55	"		ND					25	
Bromoform	ND	0.84	"		ND					25	
Bromomethane	ND	0.32	"		ND					25	
Carbon disulfide	ND	0.25	"		ND					25	
Carbon tetrachloride	0.36	0.13	"		0.36				0.00	25	
Chlorobenzene	ND	0.38	"		ND					25	
Chloroethane	ND	0.22	"		ND					25	
Chloroform	ND	0.40	"		ND					25	
Chloromethane	1.2	0.17	"		1.4				13.2	25	
cis-1,2-Dichloroethylene	ND	0.081	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Cyclohexane	ND	0.28	"		ND					25	
Dibromochloromethane	ND	0.69	"		ND					25	
Dichlorodifluoromethane	1.8	0.40	"		1.9				6.45	25	
Ethyl acetate	0.47	0.59	"		0.44				6.45	25	
Ethyl Benzene	0.32	0.35	"		0.32				0.00	25	
Hexachlorobutadiene	ND	0.87	"		ND					25	
Isopropanol	3.9	0.40	"		4.1				4.49	25	
Methyl Methacrylate	2.7	0.33	"		3.0				11.8	25	
Methyl tert-butyl ether (MTBE)	ND	0.29	"		ND					25	
Methylene chloride	17	0.57	"		19				9.55	25	
n-Heptane	0.27	0.33	"		0.27				0.00	25	
n-Hexane	0.46	0.29	"		0.49				6.06	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11584 - EPA TO15 PREP											
Duplicate (BC11584-DUP1) Duplicate	*Source sample: 21C1032-05 (IA01_031921)								Prepared: 03/26/2021 Analyzed: 03/27/2021		
o-Xylene	0.35	0.35	ug/m³		0.39				9.52	25	
p- & m- Xylenes	0.96	0.71	"		1.0				7.14	25	
p-Ethyltoluene	0.40	0.40	"		0.44				9.52	25	
Propylene	ND	0.14	"		ND					25	
Styrene	ND	0.35	"		ND					25	
Tetrachloroethylene	0.39	0.55	"		0.44				13.3	25	
Tetrahydrofuran	0.17	0.48	"		0.17				0.00	25	
Toluene	1.0	0.31	"		1.1				2.90	25	
trans-1,2-Dichloroethylene	ND	0.32	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Trichloroethylene	16	0.11	"		18				12.7	25	
Trichlorofluoromethane (Freon 11)	1.0	0.46	"		1.1				4.44	25	
Vinyl acetate	ND	0.29	"		ND					25	
Vinyl bromide	ND	0.36	"		ND					25	
Vinyl Chloride	ND	0.10	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.

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 NELAC 2009 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. 21C1032

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: Langan	Company: Langan
Address: 360 west 31st Street New York NY 10001	Address: 360 west 31st Street New York NY 10001	Address: 360 west 31st Street new York, NY 10001
Phone.: 212 479 5400	Phone.: 212 479 5400	Phone.: 212 479 5400
Contact: Vinicius De Paula	Contact: Paul McMahon	Contact: Vinicius De Paula
E-mail: vdepaula@langan.com	E-mail: pmcmahon@langan.com	E-mail: vdepaula@langan.com

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.

Deirdre Casey

Samples Collected by: (print your name above and sign below)

Deirdre Casey

YOUR Project Number: 170361303

YOUR Project Name: President Street / 574 Union St.

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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 ___

Reporting Units: ug/m³ ___ 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
SSV01-031921	3/19/21 2317	AS	-30.0	-4.0	3430	12189	TO-15
SSV02-031921	3/19/21 2321	AS	-29.4	-12.0	3194	4-41	TO-15
SSV03-031921	3/19/21 2102	AS	-28.7	-5.0	2280	4-43	TO-15
SSV04-031921	3/20/21 0007	AS	-30.0	-10.0	2998	73602	TO-15
IA01-031921	3/19/21 2349	IA	-30.0	-5.5	~~156~~ 3228	7289	TO-15
IA02-031921	3/19/21 2137	IA	-29.2	-5.0	~~2037~~ 156	12186	TO-15
IA03-031921	3/19/21 2153	IA	-30.0	-5.0	~~2335~~ 2037	12011	TO-15
IA04-031921	3/19/21 2254	IA	-30.0	-4.0	2335	7087	TO-15
AA01-031921	3/19/21 2355	AO	-30.55	-4.42	2034	01716	TO-15

Comments:

2.7L summa cans from alpha analytical, York (6L/16hr) flowcontrollers use don all samples except AA01-031921 (Alpha Flowcontroller)

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___

Routine Survey ___ Other ___

Sampling Media

~~2.7~~ 6 Liter Canister X

Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Kimberly Tagalo			5/22/21 9:50		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					3/22/21 13:03

ANALYTICAL REPORT

Lab Number:	L2113990
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	PRESIDENT STREET (514 UNION)
Project Number:	170361303
Report Date:	03/30/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2113990-01	SB01_3-5	SOIL	BROOKLYN, NY	03/19/21 12:05	03/19/21
L2113990-02	SB01_9-11	SOIL	BROOKLYN, NY	03/19/21 12:10	03/19/21
L2113990-03	SB01_19-20	SOIL	BROOKLYN, NY	03/19/21 12:15	03/19/21
L2113990-04	TB01_031921	WATER	BROOKLYN, NY	03/19/21 00:00	03/19/21
L2113990-05	FB01_031921	WATER	BROOKLYN, NY	03/19/21 17:26	03/19/21

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

Case Narrative (continued)

Report Submission

March 30, 2021: This final report includes the results of all requested analyses.

March 26, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

PCBs

L2113990-05: The internal standard (IS) response for 1-bromo-2-nitrobenzene (219%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

Total Metals

L2113990-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1477721-3 MS recovery, performed on L2113990-05, is outside the acceptance criteria for mercury (137%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1478171-2/-3 LCS/LCSD recoveries for cyanide, total (71%/66%), associated with L2113990-01, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 03/30/21

ORGANICS

VOLATILES

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 13:35
Analyst: KJD
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.9	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.80	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.27	1
p-Chlorotoluene	ND		ug/kg	2.9	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.25	1
p-Ethyltoluene	ND		ug/kg	2.9	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.27	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	91		70-130

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02
Client ID: SB01_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:10
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 14:00
Analyst: KJD
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02 Date Collected: 03/19/21 12:10

Client ID: SB01_9-11 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	1.1	J	ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02 Date Collected: 03/19/21 12:10

Client ID: SB01_9-11 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	87		70-130

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-04
Client ID: TB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 00:00
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 14:40
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-04 Date Collected: 03/19/21 00:00

Client ID: TB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-04 Date Collected: 03/19/21 00:00

Client ID: TB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 15:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	116		70-130

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1478224-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1478224-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1478224-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	114		70-130

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:11
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1478238-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.0	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:11
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1478238-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	2.6	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:11
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1478238-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	89		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1478224-3 WG1478224-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	92		96		70-130	4		20
Carbon tetrachloride	93		98		63-132	5		20
1,2-Dichloropropane	95		99		70-130	4		20
Dibromochloromethane	81		80		63-130	1		20
1,1,2-Trichloroethane	85		87		70-130	2		20
Tetrachloroethene	92		94		70-130	2		20
Chlorobenzene	93		95		75-130	2		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	91		94		70-130	3		20
1,1,1-Trichloroethane	92		96		67-130	4		20
Bromodichloromethane	87		89		67-130	2		20
trans-1,3-Dichloropropene	80		80		70-130	0		20
cis-1,3-Dichloropropene	85		85		70-130	0		20
1,1-Dichloropropene	93		97		70-130	4		20
Bromoform	80		80		54-136	0		20
1,1,2,2-Tetrachloroethane	83		84		67-130	1		20
Benzene	94		97		70-130	3		20
Toluene	92		92		70-130	0		20
Ethylbenzene	90		91		70-130	1		20
Chloromethane	90		95		64-130	5		20
Bromomethane	92		87		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1478224-3 WG1478224-4								
Vinyl chloride	93		97		55-140	4		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	81		86		70-130	6		20
1,2-Dichlorobenzene	93		93		70-130	0		20
1,3-Dichlorobenzene	95		94		70-130	1		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	83		87		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	88		93		70-130	6		20
1,2,3-Trichloropropane	82		84		64-130	2		20
Acrylonitrile	88		95		70-130	8		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	53		55		36-147	4		20
Acetone	91		95		58-148	4		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	81		90		63-138	11		20
Vinyl acetate	85		88		70-130	3		20
4-Methyl-2-pentanone	77		81		59-130	5		20
2-Hexanone	81		85		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1478224-3 WG1478224-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	89		93		63-133	4		20
1,2-Dibromoethane	88		89		70-130	1		20
1,3-Dichloropropane	88		88		70-130	0		20
1,1,1,2-Tetrachloroethane	83		82		64-130	1		20
Bromobenzene	95		95		70-130	0		20
n-Butylbenzene	97		94		53-136	3		20
sec-Butylbenzene	96		94		70-130	2		20
tert-Butylbenzene	81		80		70-130	1		20
o-Chlorotoluene	88		87		70-130	1		20
p-Chlorotoluene	90		90		70-130	0		20
1,2-Dibromo-3-chloropropane	82		85		41-144	4		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	93		93		70-130	0		20
p-Isopropyltoluene	95		94		70-130	1		20
Naphthalene	92		91		70-130	1		20
n-Propylbenzene	93		93		69-130	0		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		98		70-130	1		20
1,3,5-Trimethylbenzene	86		87		64-130	1		20
1,2,4-Trimethylbenzene	88		88		70-130	0		20
1,4-Dioxane	86		82		56-162	5		20
p-Diethylbenzene	94		93		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1478224-3 WG1478224-4								
p-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		89		70-130	0		20
Ethyl ether	87		93		59-134	7		20
trans-1,4-Dichloro-2-butene	77		78		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		100		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	94		92		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1478238-3 WG1478238-4								
Methylene chloride	83		84		70-130	1		30
1,1-Dichloroethane	85		85		70-130	0		30
Chloroform	84		86		70-130	2		30
Carbon tetrachloride	82		84		70-130	2		30
1,2-Dichloropropane	86		88		70-130	2		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	89		87		70-130	2		30
Tetrachloroethene	86		87		70-130	1		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	90		89		70-139	1		30
1,2-Dichloroethane	85		86		70-130	1		30
1,1,1-Trichloroethane	88		89		70-130	1		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	88		88		70-130	0		30
1,1-Dichloropropene	86		87		70-130	1		30
Bromoform	88		87		70-130	1		30
1,1,2,2-Tetrachloroethane	89		88		70-130	1		30
Benzene	86		86		70-130	0		30
Toluene	86		86		70-130	0		30
Ethylbenzene	86		87		70-130	1		30
Chloromethane	92		95		52-130	3		30
Bromomethane	101		99		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1478238-3 WG1478238-4								
Vinyl chloride	92		94		67-130	2		30
Chloroethane	89		90		50-151	1		30
1,1-Dichloroethene	86		85		65-135	1		30
trans-1,2-Dichloroethene	86		86		70-130	0		30
Trichloroethene	84		84		70-130	0		30
1,2-Dichlorobenzene	85		86		70-130	1		30
1,3-Dichlorobenzene	86		87		70-130	1		30
1,4-Dichlorobenzene	86		85		70-130	1		30
Methyl tert butyl ether	87		87		66-130	0		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	90		92		70-130	2		30
cis-1,2-Dichloroethene	84		85		70-130	1		30
Dibromomethane	85		86		70-130	1		30
Styrene	96		97		70-130	1		30
Dichlorodifluoromethane	118		119		30-146	1		30
Acetone	99		96		54-140	3		30
Carbon disulfide	100		100		59-130	0		30
2-Butanone	88		86		70-130	2		30
Vinyl acetate	93		93		70-130	0		30
4-Methyl-2-pentanone	90		86		70-130	5		30
1,2,3-Trichloropropane	86		86		68-130	0		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	86		86		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1478238-3 WG1478238-4								
2,2-Dichloropropane	83		84		70-130	1		30
1,2-Dibromoethane	91		92		70-130	1		30
1,3-Dichloropropane	88		87		69-130	1		30
1,1,1,2-Tetrachloroethane	88		88		70-130	0		30
Bromobenzene	81		83		70-130	2		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	85		86		70-130	1		30
tert-Butylbenzene	85		86		70-130	1		30
o-Chlorotoluene	84		87		70-130	4		30
p-Chlorotoluene	86		86		70-130	0		30
1,2-Dibromo-3-chloropropane	88		84		68-130	5		30
Hexachlorobutadiene	82		84		67-130	2		30
Isopropylbenzene	85		85		70-130	0		30
p-Isopropyltoluene	87		88		70-130	1		30
Naphthalene	82		82		70-130	0		30
Acrylonitrile	89		91		70-130	2		30
n-Propylbenzene	86		85		70-130	1		30
1,2,3-Trichlorobenzene	83		84		70-130	1		30
1,2,4-Trichlorobenzene	85		85		70-130	0		30
1,3,5-Trimethylbenzene	86		87		70-130	1		30
1,2,4-Trimethylbenzene	85		86		70-130	1		30
1,4-Dioxane	88		92		65-136	4		30
p-Diethylbenzene	88		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1478238-3 WG1478238-4								
p-Ethyltoluene	86		86		70-130	0		30
1,2,4,5-Tetramethylbenzene	86		86		70-130	0		30
Ethyl ether	89		90		67-130	1		30
trans-1,4-Dichloro-2-butene	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		87		70-130
Toluene-d8	90		89		70-130
4-Bromofluorobenzene	85		85		70-130
Dibromofluoromethane	89		87		70-130

SEMIVOLATILES

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 15:54
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	310		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	75	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	55	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1200		ug/kg	120	22.	1
Benzo(a)pyrene	1000		ug/kg	150	47.	1
Benzo(b)fluoranthene	1400		ug/kg	120	32.	1
Benzo(k)fluoranthene	330		ug/kg	120	31.	1
Chrysene	1200		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	150	30.	1
Anthracene	450		ug/kg	120	38.	1
Benzo(ghi)perylene	960		ug/kg	150	23.	1
Fluorene	180	J	ug/kg	190	19.	1
Phenanthrene	1900		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	170		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	890		ug/kg	150	27.	1
Pyrene	2100		ug/kg	120	19.	1
Biphenyl	47	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	170	J	ug/kg	190	18.	1
2-Methylnaphthalene	120	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	41	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	160	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	79		18-120

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02
Client ID: SB01_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:10
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 16:59
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	330		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02 Date Collected: 03/19/21 12:10

Client ID: SB01_9-11 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	570		ug/kg	120	22.	1
Benzo(a)pyrene	370		ug/kg	150	47.	1
Benzo(b)fluoranthene	420		ug/kg	120	32.	1
Benzo(k)fluoranthene	220		ug/kg	120	31.	1
Chrysene	440		ug/kg	120	20.	1
Acenaphthylene	75	J	ug/kg	150	30.	1
Anthracene	480		ug/kg	120	38.	1
Benzo(ghi)perylene	160		ug/kg	150	23.	1
Fluorene	260		ug/kg	190	19.	1
Phenanthrene	1500		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	150	27.	1
Pyrene	960		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	220		ug/kg	190	18.	1
2-Methylnaphthalene	130	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02 Date Collected: 03/19/21 12:10

Client ID: SB01_9-11 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	180	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	74		18-120

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/24/21 22:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	80		41-149

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 23:08
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	88		41-149

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1477981-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1477981-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1477981-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	79		41-149

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1477982-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1477982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	110		41-149

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478360-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478360-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478360-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1477981-2 WG1477981-3								
Acenaphthene	77		71		37-111	8		30
1,2,4-Trichlorobenzene	69		66		39-98	4		30
Hexachlorobenzene	74		70		40-140	6		30
Bis(2-chloroethyl)ether	78		70		40-140	11		30
2-Chloronaphthalene	78		70		40-140	11		30
1,2-Dichlorobenzene	71		66		40-140	7		30
1,3-Dichlorobenzene	69		65		40-140	6		30
1,4-Dichlorobenzene	70		66		36-97	6		30
3,3'-Dichlorobenzidine	73		72		40-140	1		30
2,4-Dinitrotoluene	85		83		48-143	2		30
2,6-Dinitrotoluene	81		77		40-140	5		30
Fluoranthene	80		80		40-140	0		30
4-Chlorophenyl phenyl ether	81		76		40-140	6		30
4-Bromophenyl phenyl ether	78		75		40-140	4		30
Bis(2-chloroisopropyl)ether	82		74		40-140	10		30
Bis(2-chloroethoxy)methane	77		72		40-140	7		30
Hexachlorobutadiene	65		60		40-140	8		30
Hexachlorocyclopentadiene	66		56		40-140	16		30
Hexachloroethane	71		64		40-140	10		30
Isophorone	79		74		40-140	7		30
Naphthalene	78		69		40-140	12		30
Nitrobenzene	86		75		40-140	14		30
NDPA/DPA	86		81		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1477981-2 WG1477981-3								
n-Nitrosodi-n-propylamine	87		78		29-132	11		30
Bis(2-ethylhexyl)phthalate	82		79		40-140	4		30
Butyl benzyl phthalate	82		78		40-140	5		30
Di-n-butylphthalate	81		76		40-140	6		30
Di-n-octylphthalate	88		86		40-140	2		30
Diethyl phthalate	88		82		40-140	7		30
Dimethyl phthalate	85		79		40-140	7		30
Benzo(a)anthracene	82		84		40-140	2		30
Benzo(a)pyrene	86		98		40-140	13		30
Benzo(b)fluoranthene	72		88		40-140	20		30
Benzo(k)fluoranthene	82		79		40-140	4		30
Chrysene	82		84		40-140	2		30
Acenaphthylene	80		71		45-123	12		30
Anthracene	84		84		40-140	0		30
Benzo(ghi)perylene	83		92		40-140	10		30
Fluorene	84		78		40-140	7		30
Phenanthrene	81		81		40-140	0		30
Dibenzo(a,h)anthracene	88		98		40-140	11		30
Indeno(1,2,3-cd)pyrene	84		96		40-140	13		30
Pyrene	76		79		26-127	4		30
Biphenyl	81		74		40-140	9		30
4-Chloroaniline	56		51		40-140	9		30
2-Nitroaniline	89		83		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1477981-2 WG1477981-3								
3-Nitroaniline	74		72		25-145	3		30
4-Nitroaniline	86		79		51-143	8		30
Dibenzofuran	82		76		40-140	8		30
2-Methylnaphthalene	77		69		40-140	11		30
1,2,4,5-Tetrachlorobenzene	73		67		2-134	9		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	84		75		30-130	11		30
p-Chloro-m-cresol	87		81		23-97	7		30
2-Chlorophenol	81		76		27-123	6		30
2,4-Dichlorophenol	78		75		30-130	4		30
2,4-Dimethylphenol	81		75		30-130	8		30
2-Nitrophenol	87		80		30-130	8		30
4-Nitrophenol	**81**	Q	**81**	Q	10-80	0		30
2,4-Dinitrophenol	90		89		20-130	1		30
4,6-Dinitro-o-cresol	89		87		20-164	2		30
Pentachlorophenol	76		77		9-103	1		30
Phenol	67		63		12-110	6		30
2-Methylphenol	82		75		30-130	9		30
3-Methylphenol/4-Methylphenol	81		76		30-130	6		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	82		75		10-164	9		30
Benzyl Alcohol	77		69		26-116	11		30
Carbazole	82		84		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1477981-2 WG1477981-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		21-120
Phenol-d6	66		62		10-120
Nitrobenzene-d5	88		79		23-120
2-Fluorobiphenyl	79		71		15-120
2,4,6-Tribromophenol	77		78		10-120
4-Terphenyl-d14	76		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1477982-2 WG1477982-3								
Acenaphthene	72		76		40-140	5		40
2-Chloronaphthalene	78		80		40-140	3		40
Fluoranthene	99		96		40-140	3		40
Hexachlorobutadiene	60		64		40-140	6		40
Naphthalene	72		76		40-140	5		40
Benzo(a)anthracene	95		94		40-140	1		40
Benzo(a)pyrene	115		115		40-140	0		40
Benzo(b)fluoranthene	95		92		40-140	3		40
Benzo(k)fluoranthene	106		111		40-140	5		40
Chrysene	90		91		40-140	1		40
Acenaphthylene	94		94		40-140	0		40
Anthracene	94		98		40-140	4		40
Benzo(ghi)perylene	92		94		40-140	2		40
Fluorene	82		87		40-140	6		40
Phenanthrene	84		87		40-140	4		40
Dibenzo(a,h)anthracene	101		103		40-140	2		40
Indeno(1,2,3-cd)pyrene	97		100		40-140	3		40
Pyrene	99		96		40-140	3		40
2-Methylnaphthalene	81		83		40-140	2		40
Pentachlorophenol	112		115		40-140	3		40
Hexachlorobenzene	69		71		40-140	3		40
Hexachloroethane	76		82		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1477982-2 WG1477982-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		78		21-120
Phenol-d6	70		74		10-120
Nitrobenzene-d5	111		117		23-120
2-Fluorobiphenyl	82		86		15-120
2,4,6-Tribromophenol	99		101		10-120
4-Terphenyl-d14	113		112		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478360-2 WG1478360-3								
Acenaphthene	85		82		31-137	4		50
1,2,4-Trichlorobenzene	87		83		38-107	5		50
Hexachlorobenzene	90		83		40-140	8		50
Bis(2-chloroethyl)ether	78		76		40-140	3		50
2-Chloronaphthalene	89		82		40-140	8		50
1,2-Dichlorobenzene	79		77		40-140	3		50
1,3-Dichlorobenzene	76		74		40-140	3		50
1,4-Dichlorobenzene	80		77		28-104	4		50
3,3'-Dichlorobenzidine	90		82		40-140	9		50
2,4-Dinitrotoluene	100		91		40-132	9		50
2,6-Dinitrotoluene	87		82		40-140	6		50
Fluoranthene	86		81		40-140	6		50
4-Chlorophenyl phenyl ether	88		81		40-140	8		50
4-Bromophenyl phenyl ether	90		84		40-140	7		50
Bis(2-chloroisopropyl)ether	98		94		40-140	4		50
Bis(2-chloroethoxy)methane	85		81		40-117	5		50
Hexachlorobutadiene	84		81		40-140	4		50
Hexachlorocyclopentadiene	56		55		40-140	2		50
Hexachloroethane	80		77		40-140	4		50
Isophorone	91		85		40-140	7		50
Naphthalene	82		80		40-140	2		50
Nitrobenzene	92		86		40-140	7		50
NDPA/DPA	88		83		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478360-2 WG1478360-3								
n-Nitrosodi-n-propylamine	91		87		32-121	4		50
Bis(2-ethylhexyl)phthalate	110		99		40-140	11		50
Butyl benzyl phthalate	99		92		40-140	7		50
Di-n-butylphthalate	101		93		40-140	8		50
Di-n-octylphthalate	98		90		40-140	9		50
Diethyl phthalate	93		86		40-140	8		50
Dimethyl phthalate	93		85		40-140	9		50
Benzo(a)anthracene	90		84		40-140	7		50
Benzo(a)pyrene	91		90		40-140	1		50
Benzo(b)fluoranthene	90		88		40-140	2		50
Benzo(k)fluoranthene	89		86		40-140	3		50
Chrysene	88		83		40-140	6		50
Acenaphthylene	87		81		40-140	7		50
Anthracene	88		83		40-140	6		50
Benzo(ghi)perylene	89		86		40-140	3		50
Fluorene	85		80		40-140	6		50
Phenanthrene	84		82		40-140	2		50
Dibenzo(a,h)anthracene	89		88		40-140	1		50
Indeno(1,2,3-cd)pyrene	90		87		40-140	3		50
Pyrene	85		79		35-142	7		50
Biphenyl	83		78		37-127	6		50
4-Chloroaniline	84		81		40-140	4		50
2-Nitroaniline	101		94		47-134	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478360-2 WG1478360-3								
3-Nitroaniline	85		79		26-129	7		50
4-Nitroaniline	88		81		41-125	8		50
Dibenzofuran	86		82		40-140	5		50
2-Methylnaphthalene	84		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	82		78		40-117	5		50
Acetophenone	85		82		14-144	4		50
2,4,6-Trichlorophenol	91		83		30-130	9		50
p-Chloro-m-cresol	92		86		26-103	7		50
2-Chlorophenol	84		81		25-102	4		50
2,4-Dichlorophenol	91		88		30-130	3		50
2,4-Dimethylphenol	92		86		30-130	7		50
2-Nitrophenol	98		94		30-130	4		50
4-Nitrophenol	97		90		11-114	7		50
2,4-Dinitrophenol	67		65		4-130	3		50
4,6-Dinitro-o-cresol	78		73		10-130	7		50
Pentachlorophenol	70		66		17-109	6		50
Phenol	80		75		26-90	6		50
2-Methylphenol	89		85		30-130.	5		50
3-Methylphenol/4-Methylphenol	86		84		30-130	2		50
2,4,5-Trichlorophenol	92		85		30-130	8		50
Benzoic Acid	47		55		10-110	16		50
Benzyl Alcohol	92		88		40-140	4		50
Carbazole	87		81		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478360-2 WG1478360-3								
1,4-Dioxane	58		57		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		78		25-120
Phenol-d6	87		83		10-120
Nitrobenzene-d5	88		84		23-120
2-Fluorobiphenyl	87		82		30-120
2,4,6-Tribromophenol	94		87		10-136
4-Terphenyl-d14	89		81		18-120

PCBS

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/21 10:28
Analyst: CW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.48	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/24/21 01:04
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/23/21 04:38
Cleanup Method: EPA 3665A
Cleanup Date: 03/23/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	B
Aroclor 1221	ND		ug/l	0.071	0.061	1	B
Aroclor 1232	ND		ug/l	0.071	0.061	1	B
Aroclor 1242	ND		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	B
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	B
Aroclor 1268	ND		ug/l	0.071	0.061	1	B
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/22/21 22:44
Analyst: SH

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 08:55
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1477079-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/25/21 09:45
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1478430-1						
Aroclor 1016	ND		ug/kg	32.5	2.89	A
Aroclor 1221	ND		ug/kg	32.5	3.26	A
Aroclor 1232	ND		ug/kg	32.5	6.89	A
Aroclor 1242	ND		ug/kg	32.5	4.38	A
Aroclor 1248	ND		ug/kg	32.5	4.88	A
Aroclor 1254	ND		ug/kg	32.5	3.56	A
Aroclor 1260	ND		ug/kg	32.5	6.01	A
Aroclor 1262	ND		ug/kg	32.5	4.13	A
Aroclor 1268	ND		ug/kg	32.5	3.37	A
PCBs, Total	ND		ug/kg	32.5	2.89	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1477079-2 WG1477079-3									
Aroclor 1016	71		72		40-140	2		50	A
Aroclor 1260	66		67		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	A
Decachlorobiphenyl	64		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	83		85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1478430-2 WG1478430-3									
Aroclor 1016	71		42		40-140	**51**	Q	50	A
Aroclor 1260	71		43		40-140	49		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		42		30-150	A
Decachlorobiphenyl	73		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		40		30-150	B
Decachlorobiphenyl	62		38		30-150	B

PESTICIDES

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/21 13:09
Analyst: AR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.920	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.767	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.805	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.575	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND		ug/kg	3.45	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.66	1	A
cis-Chlordane	ND		ug/kg	2.30	0.641	1	A
trans-Chlordane	ND		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.3	6.10	1	A

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/22/21 10:10
Analyst: SDC
Percent Solids: 86%
Methylation Date: 03/21/21 14:00

Extraction Method: EPA 8151A
Extraction Date: 03/20/21 21:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.93	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	87		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/21 06:29
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/22/21 12:17
Analyst: SDC

Extraction Method: EPA 8151A
Extraction Date: 03/20/21 21:18

Methylation Date: 03/21/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	89		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/21/21 11:37
Analyst: KB

Extraction Method: EPA 8151A
Extraction Date: 03/19/21 21:27

Methylation Date: 03/20/21 18:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1476635-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.14	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.41	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	94		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/22/21 11:05
Analyst: SDC

Extraction Method: EPA 8151A
Extraction Date: 03/20/21 21:18

Methylation Date: 03/21/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 05 Batch: WG1476856-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	82		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1477304-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1477304-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/21 11:03
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1478441-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.775	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.969	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.91	0.904	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/21 11:03
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1478441-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1476635-2 WG1476635-3									
2,4-D	96		101		30-150	5		30	A
2,4,5-T	91		97		30-150	6		30	A
2,4,5-TP (Silvex)	87		93		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	97		104		30-150	A
DCAA	102		108		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1476856-2 WG1476856-3									
2,4-D	88		81		30-150	8		25	A
2,4,5-T	86		78		30-150	10		25	A
2,4,5-TP (Silvex)	87		80		30-150	8		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		90		30-150	A
DCAA	94		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1477304-2 WG1477304-3									
Delta-BHC	39		43		30-150	8		20	A
Lindane	48		50		30-150	4		20	A
Alpha-BHC	50		53		30-150	6		20	A
Beta-BHC	54		56		30-150	4		20	A
Heptachlor	40		40		30-150	2		20	A
Aldrin	39		36		30-150	7		20	A
Heptachlor epoxide	41		43		30-150	4		20	A
Endrin	42		43		30-150	3		20	A
Endrin aldehyde	36		39		30-150	7		20	A
Endrin ketone	47		48		30-150	4		20	A
Dieldrin	42		45		30-150	6		20	A
4,4'-DDE	38		40		30-150	4		20	A
4,4'-DDD	44		45		30-150	4		20	A
4,4'-DDT	41		44		30-150	6		20	A
Endosulfan I	40		42		30-150	4		20	A
Endosulfan II	47		50		30-150	6		20	A
Endosulfan sulfate	43		45		30-150	5		20	A
Methoxychlor	46		48		30-150	4		20	A
cis-Chlordane	43		44		30-150	3		20	A
trans-Chlordane	43		44		30-150	3		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1477304-2 WG1477304-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		46		30-150	A
Decachlorobiphenyl	41		41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		45		30-150	B
Decachlorobiphenyl	50		50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1478441-2 WG1478441-3									
Delta-BHC	74		69		30-150	7		30	A
Lindane	73		68		30-150	7		30	A
Alpha-BHC	80		74		30-150	8		30	A
Beta-BHC	80		75		30-150	6		30	A
Heptachlor	71		67		30-150	6		30	A
Aldrin	69		64		30-150	8		30	A
Heptachlor epoxide	68		62		30-150	9		30	A
Endrin	74		66		30-150	11		30	A
Endrin aldehyde	68		60		30-150	13		30	A
Endrin ketone	74		68		30-150	8		30	A
Dieldrin	74		66		30-150	11		30	A
4,4'-DDE	67		60		30-150	11		30	A
4,4'-DDD	77		67		30-150	14		30	A
4,4'-DDT	77		67		30-150	14		30	A
Endosulfan I	69		62		30-150	11		30	A
Endosulfan II	73		64		30-150	13		30	A
Endosulfan sulfate	63		56		30-150	12		30	A
Methoxychlor	72		64		30-150	12		30	A
cis-Chlordane	61		55		30-150	10		30	A
trans-Chlordane	70		63		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1478441-2 WG1478441-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	A
Decachlorobiphenyl	57		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	B
Decachlorobiphenyl	91		83		30-150	B

METALS

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01 Date Collected: 03/19/21 12:05

Client ID: SB01_3-5 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	9.12	2.46	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Antimony, Total	1.63	J	mg/kg	4.56	0.346	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Arsenic, Total	7.01		mg/kg	0.912	0.190	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Barium, Total	182		mg/kg	0.912	0.159	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Beryllium, Total	0.228	J	mg/kg	0.456	0.030	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Cadmium, Total	1.06		mg/kg	0.912	0.089	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Calcium, Total	46400		mg/kg	9.12	3.19	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Chromium, Total	13.0		mg/kg	0.912	0.088	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Cobalt, Total	5.42		mg/kg	1.82	0.151	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Copper, Total	45.6		mg/kg	0.912	0.235	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Iron, Total	9980		mg/kg	4.56	0.823	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Lead, Total	310		mg/kg	4.56	0.244	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Magnesium, Total	4050		mg/kg	9.12	1.40	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Manganese, Total	465		mg/kg	0.912	0.145	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Mercury, Total	0.972		mg/kg	0.073	0.047	1	03/23/21 09:00	03/25/21 13:20	EPA 7471B	1,7471B	EW
Nickel, Total	20.5		mg/kg	2.28	0.221	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Potassium, Total	2810		mg/kg	228	13.1	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Selenium, Total	1.94		mg/kg	1.82	0.235	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Silver, Total	0.374	J	mg/kg	0.912	0.258	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Sodium, Total	1300		mg/kg	182	2.87	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Thallium, Total	0.510	J	mg/kg	1.82	0.287	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Vanadium, Total	18.4		mg/kg	0.912	0.185	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
Zinc, Total	184		mg/kg	4.56	0.267	2	03/23/21 07:45	03/24/21 23:13	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.93	0.93	1		03/24/21 23:13	NA	107,-	

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02 Date Collected: 03/19/21 12:10

Client ID: SB01_9-11 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8060		mg/kg	9.30	2.51	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.65	0.353	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Arsenic, Total	2.60		mg/kg	0.930	0.193	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Barium, Total	30.4		mg/kg	0.930	0.162	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Beryllium, Total	0.372	J	mg/kg	0.465	0.031	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Cadmium, Total	0.270	J	mg/kg	0.930	0.091	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Calcium, Total	541		mg/kg	9.30	3.25	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Chromium, Total	12.5		mg/kg	0.930	0.089	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Cobalt, Total	4.50		mg/kg	1.86	0.154	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Copper, Total	5.82		mg/kg	0.930	0.240	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Iron, Total	14400		mg/kg	4.65	0.839	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Lead, Total	9.25		mg/kg	4.65	0.249	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Magnesium, Total	1640		mg/kg	9.30	1.43	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Manganese, Total	167		mg/kg	0.930	0.148	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Mercury, Total	0.049	J	mg/kg	0.074	0.048	1	03/23/21 09:00	03/25/21 13:23	EPA 7471B	1,7471B	EW
Nickel, Total	8.97		mg/kg	2.32	0.225	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Potassium, Total	415		mg/kg	232	13.4	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.86	0.240	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.930	0.263	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Sodium, Total	143	J	mg/kg	186	2.93	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.86	0.293	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Vanadium, Total	16.0		mg/kg	0.930	0.189	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV
Zinc, Total	23.5		mg/kg	4.65	0.272	2	03/23/21 07:45	03/24/21 23:18	EPA 3050B	1,6010D	BV

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05 Date Collected: 03/19/21 17:26

Client ID: FB01_031921 Date Received: 03/19/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Barium, Total	0.00019	J	mg/l	0.00050	0.00017	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/24/21 14:20	03/25/21 09:13	EPA 7470A	1,7470A	EW
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/24/21 13:35	03/24/21 17:19	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		03/24/21 17:19	NA	107,-	

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1477433-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/23/21 09:00	03/25/21 12:56	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1477434-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Chromium, Total	0.044	J	mg/kg	0.400	0.038	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Iron, Total	0.452	J	mg/kg	2.00	0.361	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Manganese, Total	0.140	J	mg/kg	0.400	0.064	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Potassium, Total	6.92	J	mg/kg	100	5.76	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Sodium, Total	8.22	J	mg/kg	80.0	1.26	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1477720-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/24/21 13:35	03/24/21 19:12	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1477721-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/24/21 14:20	03/25/21 09:06	1,7470A	EW

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477433-2 SRM Lot Number: D109-540								
Mercury, Total	98		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477434-2 SRM Lot Number: D109-540					
Aluminum, Total	76	-	50-150	-	
Antimony, Total	148	-	19-250	-	
Arsenic, Total	100	-	70-130	-	
Barium, Total	97	-	75-125	-	
Beryllium, Total	98	-	75-125	-	
Cadmium, Total	95	-	75-125	-	
Calcium, Total	101	-	73-128	-	
Chromium, Total	95	-	70-130	-	
Cobalt, Total	95	-	75-125	-	
Copper, Total	94	-	75-125	-	
Iron, Total	106	-	35-165	-	
Lead, Total	93	-	72-128	-	
Magnesium, Total	94	-	62-138	-	
Manganese, Total	97	-	74-126	-	
Nickel, Total	96	-	70-130	-	
Potassium, Total	94	-	59-141	-	
Selenium, Total	100	-	68-132	-	
Silver, Total	99	-	68-131	-	
Sodium, Total	102	-	35-165	-	
Thallium, Total	93	-	68-131	-	
Vanadium, Total	100	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477434-2 SRM Lot Number: D109-540					
Zinc, Total	97	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1477720-2					
Aluminum, Total	92	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	91	-	80-120	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	94	-	80-120	-	
Copper, Total	97	-	80-120	-	
Iron, Total	86	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	91	-	80-120	-	
Manganese, Total	92	-	80-120	-	
Nickel, Total	91	-	80-120	-	
Potassium, Total	92	-	80-120	-	
Selenium, Total	99	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	93	-	80-120	-	
Thallium, Total	105	-	80-120	-	
Vanadium, Total	91	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1477720-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1477721-2					
Mercury, Total	86	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477433-3 QC Sample: L2113900-03 Client ID: MS Sample												
Mercury, Total	ND	0.145	0.186	**128**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477434-3 QC Sample: L2113900-03 Client ID: MS Sample										
Aluminum, Total	7160	181	7890	**404**	Q	-	-	75-125	-	20
Antimony, Total	ND	45.2	31.7	**70**	Q	-	-	75-125	-	20
Arsenic, Total	0.335J	10.8	10.2	94		-	-	75-125	-	20
Barium, Total	97.5	181	255	87		-	-	75-125	-	20
Beryllium, Total	0.317J	4.52	4.29	95		-	-	75-125	-	20
Cadmium, Total	0.423J	4.61	4.48	97		-	-	75-125	-	20
Calcium, Total	1350	903	2280	103		-	-	75-125	-	20
Chromium, Total	23.5	18.1	37.5	78		-	-	75-125	-	20
Cobalt, Total	12.1	45.2	48.8	81		-	-	75-125	-	20
Copper, Total	30.3	22.6	47.5	76		-	-	75-125	-	20
Iron, Total	21600	90.3	19300	**0**	Q	-	-	75-125	-	20
Lead, Total	16.0	46.1	56.1	87		-	-	75-125	-	20
Magnesium, Total	3570	903	4380	90		-	-	75-125	-	20
Manganese, Total	441	45.2	427	**0**	Q	-	-	75-125	-	20
Nickel, Total	20.1	45.2	54.5	76		-	-	75-125	-	20
Potassium, Total	4260	903	4900	**71**	Q	-	-	75-125	-	20
Selenium, Total	0.300J	10.8	9.48	87		-	-	75-125	-	20
Silver, Total	ND	27.1	23.1	85		-	-	75-125	-	20
Sodium, Total	175J	903	994	110		-	-	75-125	-	20
Thallium, Total	ND	10.8	8.72	80		-	-	75-125	-	20
Vanadium, Total	32.5	45.2	69.6	82		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477434-3 QC Sample: L2113900-03 Client ID: MS Sample									
Zinc, Total	48.0	45.2	88.6	90	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477720-3 QC Sample: L2113990-05 Client ID: FB01_031921									
Aluminum, Total	ND	2	1.86	93	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4249	85	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1125	94	-	-	75-125	-	20
Barium, Total	0.00019J	2	2.014	101	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05042	101	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05317	104	-	-	75-125	-	20
Calcium, Total	ND	10	9.11	91	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.1814	91	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.4734	95	-	-	75-125	-	20
Copper, Total	ND	0.25	0.2415	97	-	-	75-125	-	20
Iron, Total	ND	1	0.885	88	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5040	99	-	-	75-125	-	20
Magnesium, Total	ND	10	9.18	92	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.4572	91	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4516	90	-	-	75-125	-	20
Potassium, Total	ND	10	9.07	91	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.116	97	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04899	98	-	-	75-125	-	20
Sodium, Total	ND	10	9.24	92	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1193	99	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4489	90	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477720-3 QC Sample: L2113990-05 Client ID: FB01_031921										
Zinc, Total	ND	0.5	0.5143	103		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477721-3 QC Sample: L2113990-05 Client ID: FB01_031921										
Mercury, Total	ND	0.005	0.00687	**137**	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477433-4 QC Sample: L2113900-03 Client ID: DUP Sample						
Mercury, Total	ND	0.064J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477434-4 QC Sample: L2113900-03 Client ID: DUP Sample						
Aluminum, Total	7160	8220	mg/kg	14		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.335J	0.356J	mg/kg	NC		20
Barium, Total	97.5	101	mg/kg	4		20
Beryllium, Total	0.317J	0.187J	mg/kg	NC		20
Cadmium, Total	0.423J	0.418J	mg/kg	NC		20
Calcium, Total	1350	1500	mg/kg	11		20
Chromium, Total	23.5	24.4	mg/kg	4		20
Cobalt, Total	12.1	11.8	mg/kg	3		20
Copper, Total	30.3	29.5	mg/kg	3		20
Iron, Total	21600	21600	mg/kg	0		20
Lead, Total	16.0	14.1	mg/kg	13		20
Magnesium, Total	3570	4240	mg/kg	17		20
Manganese, Total	441	341	mg/kg	**26**	Q	20
Nickel, Total	20.1	20.6	mg/kg	2		20
Potassium, Total	4260	4880	mg/kg	14		20
Selenium, Total	0.300J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	175J	199	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477434-4 QC Sample: L2113900-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	32.5	32.7	mg/kg	1	20
Zinc, Total	48.0	50.4	mg/kg	5	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477720-4 QC Sample: L2113990-05 Client ID: FB01_031921					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.00019J	0.00019J	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477720-4 QC Sample: L2113990-05 Client ID: FB01_031921					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1477721-4 QC Sample: L2113990-05 Client ID: FB01_031921					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-01
Client ID: SB01_3-5
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:05
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	03/20/21 11:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	03/24/21 11:35	03/24/21 14:39	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.929	0.186	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-02
Client ID: SB01_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 12:10
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	03/20/21 11:11	121,2540G	RI

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

SAMPLE RESULTS

Lab ID: L2113990-05
Client ID: FB01_031921
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 17:26
Date Received: 03/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/22/21 16:40	03/23/21 09:27	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/20/21 09:20	03/20/21 09:46	1,7196A	JA

Project Name: PRESIDENT STREET (514 UNION) **Lab Number:** L2113990

Project Number: 170361303 **Report Date:** 03/30/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1476744-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/20/21 09:20	03/20/21 09:44	1,7196A	JA
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1477261-1										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	03/22/21 16:40	03/23/21 09:17	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1478171-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	03/24/21 11:35	03/24/21 14:26	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1478211-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1476744-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1477261-2 WG1477261-3								
Cyanide, Total	98		99		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1478171-2 WG1478171-3								
Cyanide, Total	**71**	Q	**66**	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1478211-2								
Chromium, Hexavalent	93		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303
Lab Number: L2113990
Report Date: 03/30/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1476744-4 QC Sample: L2113990-05 Client ID: FB01_031921												
Chromium, Hexavalent	ND	0.1	0.097	97		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1477261-4 WG1477261-5 QC Sample: L2113990-05 Client ID: FB01_031921												
Cyanide, Total	ND	0.2	0.190	95		0.199	100		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1478171-4 WG1478171-5 QC Sample: L2114067-02 Client ID: MS Sample												
Cyanide, Total	ND	11	10	92		11	100		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1478211-4 QC Sample: L2113990-01 Client ID: SB01_3-5												
Chromium, Hexavalent	ND	890	926	104		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET (514 UNION)

Project Number: 170361303

Lab Number: L2113990

Report Date: 03/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1476744-3 QC Sample: L2113990-05 Client ID: FB01_031921						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1476754-1 QC Sample: L2113876-02 Client ID: DUP Sample						
Solids, Total	82.7	82.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1478211-6 QC Sample: L2113990-01 Client ID: SB01_3-5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2113990-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2113990-01B	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	NYTCL-8260HLW(14)
L2113990-01C	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	NYTCL-8260HLW(14)
L2113990-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2113990-01E	Plastic 120ml unpreserved	A	NA		2.3	Y	Absent		TS(7)
L2113990-01F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2113990-01G	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2113990-02A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2113990-02B	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	NYTCL-8260HLW(14)
L2113990-02C	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	NYTCL-8260HLW(14)
L2113990-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2113990-02E	Plastic 120ml unpreserved	A	NA		2.3	Y	Absent		TS(7)
L2113990-02F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2113990-02G	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2113990-02X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2113990-03A	Vial MeOH preserved	A	NA		2.3	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: PRESIDENT STREET (514 UNION)
Project Number: 170361303

Lab Number: L2113990
Report Date: 03/30/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2113990-03B	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	HOLD-8260HLW(14)
L2113990-03C	Vial water preserved	A	NA		2.3	Y	Absent	20-MAR-21 08:37	HOLD-8260HLW(14)
L2113990-03D	Plastic 120ml unpreserved	A	NA		2.3	Y	Absent		HOLD-WETCHEM()
L2113990-04A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2113990-04B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2113990-05A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2113990-05B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2113990-05C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2113990-05D	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7)
L2113990-05E	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7)
L2113990-05F	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(7)
L2113990-05G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(7)
L2113990-05H	Plastic 250ml NaOH preserved	A	>12	>12	2.3	Y	Absent		TCN-9010(14)
L2113990-05J	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2113990-05K	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2113990-05L	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2113990-05M	Plastic 500ml unpreserved	A	7	7	2.3	Y	Absent		HEXCR-7196(1)
L2113990-05N	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		HERB-APA(7)
L2113990-05O	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	PRESIDENT STREET (514 UNION)	**Lab Number:**	L2113990
Project Number:	170361303	**Report Date:**	03/30/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/20/21

ALPHA Job #: L2113990

Client Information
Client: Langan
Address: 360 west 31st St New York NY 10001
Phone: 212 479 5400
Fax: 212 479 5444
Email: rdepaula@langan.com

Project Information
Project Name: President Street (514 Union)
Project Location: Brooklyn, NY
Project # 170361303
(Use Project name as Project #) ☐
Project Manager: Paul McMahon (PMcMahon@langan.com)
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL Pest/1375 VOCs	TCL/TAL/Pest/1375 SVOCs	PCBs	Pesticides	Herbicides	TAL Metals	Hex/Trichrom	Cyanide	Sample Specific Comments	Total Bottle
13990 -01	SB01_3-5	3/19/21	1205	S	DC	X	X	X	X	X	X	X	X		7
-02	SB01_9-11	3/19/21	1210	S	DC	X	X				X				7
-03	SB01_19-20	3/19/21	1215	S	DC	X	X							HOLD	7
-04	TB01_031921	3/19/21	—	QA	DC	X	X	X	X	X	X		X		
-05	FB01_031921	3/19/21	1726	QA	DC	X									2

Container Type: V A A A A A A A
Preservative: F A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Langan	3/19/21 1751		3/19/21 1751
AAL	3/19/21 2030	AAL	3/19/21 21:00
AAL	3/20/21 01:00		3/20/21 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2114066
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	514 UNION STREET(PRESIDENT ST)
Project Number:	170361303
Report Date:	03/25/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2114066-01	MW01_032021	WATER	BROOKLYN, NY	03/20/21 09:40	03/20/21
L2114066-02	GWDUP01_032021	WATER	BROOKLYN, NY	03/20/21 09:40	03/20/21

Project Name:	514 UNION STREET(PRESIDENT ST)	**Lab Number:**	L2114066
Project Number:	170361303	**Report Date:**	03/25/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	514 UNION STREET(PRESIDENT ST)	**Lab Number:**	L2114066
Project Number:	170361303	**Report Date:**	03/25/21

Case Narrative (continued)

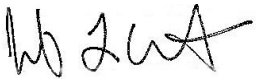
Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2114066-01 and -02: Sample containers for Total Metals Analysis were received for the "MW01_032021" and "GWDUP01_032021" samples, but were not listed on the chain of custody. At the client's request, the analysis was not performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Jennifer L Clements

Title: Technical Director/Representative Date: 03/25/21

ORGANICS

VOLATILES

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 00:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	6.6		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	6.6		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 00:49
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.9		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.0		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	7.0		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478294-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478294-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1478294-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478294-3 WG1478294-4								
Methylene chloride	96		95		70-130	1		20
1,1-Dichloroethane	97		96		70-130	1		20
Chloroform	94		96		70-130	2		20
Carbon tetrachloride	97		100		63-132	3		20
1,2-Dichloropropane	89		94		70-130	5		20
Dibromochloromethane	87		90		63-130	3		20
1,1,2-Trichloroethane	89		91		70-130	2		20
Tetrachloroethene	97		100		70-130	3		20
Chlorobenzene	87		90		75-130	3		20
Trichlorofluoromethane	98		100		62-150	2		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	95		97		67-130	2		20
Bromodichloromethane	89		89		67-130	0		20
trans-1,3-Dichloropropene	88		88		70-130	0		20
cis-1,3-Dichloropropene	90		93		70-130	3		20
1,1-Dichloropropene	90		96		70-130	6		20
Bromoform	76		81		54-136	6		20
1,1,2,2-Tetrachloroethane	82		82		67-130	0		20
Benzene	93		95		70-130	2		20
Toluene	88		91		70-130	3		20
Ethylbenzene	87		92		70-130	6		20
Chloromethane	97		97		64-130	0		20
Bromomethane	84		84		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478294-3 WG1478294-4								
Vinyl chloride	86		90		55-140	5		20
Chloroethane	83		85		55-138	2		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	88		88		70-130	0		20
Trichloroethene	95		93		70-130	2		20
1,2-Dichlorobenzene	84		83		70-130	1		20
1,3-Dichlorobenzene	86		83		70-130	4		20
1,4-Dichlorobenzene	85		86		70-130	1		20
Methyl tert butyl ether	88		84		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	91		91		70-130	0		20
Dibromomethane	93		93		70-130	0		20
1,2,3-Trichloropropane	84		80		64-130	5		20
Acrylonitrile	90		90		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	86		87		36-147	1		20
Acetone	110		99		58-148	11		20
Carbon disulfide	95		95		51-130	0		20
2-Butanone	81		84		63-138	4		20
Vinyl acetate	94		86		70-130	9		20
4-Methyl-2-pentanone	84		86		59-130	2		20
2-Hexanone	83		82		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478294-3 WG1478294-4								
Bromochloromethane	91		96		70-130	5		20
2,2-Dichloropropane	94		100		63-133	6		20
1,2-Dibromoethane	87		85		70-130	2		20
1,3-Dichloropropane	92		92		70-130	0		20
1,1,1,2-Tetrachloroethane	82		84		64-130	2		20
Bromobenzene	85		89		70-130	5		20
n-Butylbenzene	87		90		53-136	3		20
sec-Butylbenzene	86		88		70-130	2		20
tert-Butylbenzene	84		87		70-130	4		20
o-Chlorotoluene	86		89		70-130	3		20
p-Chlorotoluene	86		89		70-130	3		20
1,2-Dibromo-3-chloropropane	76		71		41-144	7		20
Hexachlorobutadiene	100		92		63-130	8		20
Isopropylbenzene	84		90		70-130	7		20
p-Isopropyltoluene	84		88		70-130	5		20
Naphthalene	72		74		70-130	3		20
n-Propylbenzene	86		90		69-130	5		20
1,2,3-Trichlorobenzene	89		86		70-130	3		20
1,2,4-Trichlorobenzene	88		86		70-130	2		20
1,3,5-Trimethylbenzene	85		89		64-130	5		20
1,2,4-Trimethylbenzene	85		88		70-130	3		20
1,4-Dioxane	92		94		56-162	2		20
p-Diethylbenzene	82		83		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1478294-3 WG1478294-4								
p-Ethyltoluene	85		88		70-130	3		20
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		20
Ethyl ether	96		94		59-134	2		20
trans-1,4-Dichloro-2-butene	95		82		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	97		103		70-130
Dibromofluoromethane	103		100		70-130

SEMIVOLATILES

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/24/21 23:18
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	71		41-149

Project Name: 514 UNION STREET(PRESIDENT ST)
Lab Number: L2114066
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 02:02
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.20		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.47		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.48		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.17		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.21		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Chrysene	0.17		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.14		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.01	1
Fluorene	0.13		ug/l	0.10	0.01	1
Phenanthrene	0.51		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.11		ug/l	0.10	0.01	1
Pyrene	0.40		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	81		41-149

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/24/21 23:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	82		41-149

Project Name: 514 UNION STREET(PRESIDENT ST)
Lab Number: L2114066
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 02:22
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.19		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.61		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.43		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.28		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.20		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.27		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Chrysene	0.23		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.16		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.12		ug/l	0.10	0.01	1
Fluorene	0.13		ug/l	0.10	0.01	1
Phenanthrene	0.61		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.14		ug/l	0.10	0.01	1
Pyrene	0.51		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.11		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	89		41-149

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1477981-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1477981-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1477981-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	79		41-149

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1477982-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1477982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	110		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1477981-2 WG1477981-3								
Acenaphthene	77		71		37-111	8		30
1,2,4-Trichlorobenzene	69		66		39-98	4		30
Hexachlorobenzene	74		70		40-140	6		30
Bis(2-chloroethyl)ether	78		70		40-140	11		30
2-Chloronaphthalene	78		70		40-140	11		30
1,2-Dichlorobenzene	71		66		40-140	7		30
1,3-Dichlorobenzene	69		65		40-140	6		30
1,4-Dichlorobenzene	70		66		36-97	6		30
3,3'-Dichlorobenzidine	73		72		40-140	1		30
2,4-Dinitrotoluene	85		83		48-143	2		30
2,6-Dinitrotoluene	81		77		40-140	5		30
Fluoranthene	80		80		40-140	0		30
4-Chlorophenyl phenyl ether	81		76		40-140	6		30
4-Bromophenyl phenyl ether	78		75		40-140	4		30
Bis(2-chloroisopropyl)ether	82		74		40-140	10		30
Bis(2-chloroethoxy)methane	77		72		40-140	7		30
Hexachlorobutadiene	65		60		40-140	8		30
Hexachlorocyclopentadiene	66		56		40-140	16		30
Hexachloroethane	71		64		40-140	10		30
Isophorone	79		74		40-140	7		30
Naphthalene	78		69		40-140	12		30
Nitrobenzene	86		75		40-140	14		30
NDPA/DPA	86		81		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1477981-2 WG1477981-3								
n-Nitrosodi-n-propylamine	87		78		29-132	11		30
Bis(2-ethylhexyl)phthalate	82		79		40-140	4		30
Butyl benzyl phthalate	82		78		40-140	5		30
Di-n-butylphthalate	81		76		40-140	6		30
Di-n-octylphthalate	88		86		40-140	2		30
Diethyl phthalate	88		82		40-140	7		30
Dimethyl phthalate	85		79		40-140	7		30
Benzo(a)anthracene	82		84		40-140	2		30
Benzo(a)pyrene	86		98		40-140	13		30
Benzo(b)fluoranthene	72		88		40-140	20		30
Benzo(k)fluoranthene	82		79		40-140	4		30
Chrysene	82		84		40-140	2		30
Acenaphthylene	80		71		45-123	12		30
Anthracene	84		84		40-140	0		30
Benzo(ghi)perylene	83		92		40-140	10		30
Fluorene	84		78		40-140	7		30
Phenanthrene	81		81		40-140	0		30
Dibenzo(a,h)anthracene	88		98		40-140	11		30
Indeno(1,2,3-cd)pyrene	84		96		40-140	13		30
Pyrene	76		79		26-127	4		30
Biphenyl	81		74		40-140	9		30
4-Chloroaniline	56		51		40-140	9		30
2-Nitroaniline	89		83		52-143	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1477981-2 WG1477981-3								
3-Nitroaniline	74		72		25-145	3		30
4-Nitroaniline	86		79		51-143	8		30
Dibenzofuran	82		76		40-140	8		30
2-Methylnaphthalene	77		69		40-140	11		30
1,2,4,5-Tetrachlorobenzene	73		67		2-134	9		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	84		75		30-130	11		30
p-Chloro-m-cresol	87		81		23-97	7		30
2-Chlorophenol	81		76		27-123	6		30
2,4-Dichlorophenol	78		75		30-130	4		30
2,4-Dimethylphenol	81		75		30-130	8		30
2-Nitrophenol	87		80		30-130	8		30
4-Nitrophenol	**81**	Q	**81**	Q	10-80	0		30
2,4-Dinitrophenol	90		89		20-130	1		30
4,6-Dinitro-o-cresol	89		87		20-164	2		30
Pentachlorophenol	76		77		9-103	1		30
Phenol	67		63		12-110	6		30
2-Methylphenol	82		75		30-130	9		30
3-Methylphenol/4-Methylphenol	81		76		30-130	6		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	82		75		10-164	9		30
Benzyl Alcohol	77		69		26-116	11		30
Carbazole	82		84		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1477981-2 WG1477981-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		21-120
Phenol-d6	66		62		10-120
Nitrobenzene-d5	88		79		23-120
2-Fluorobiphenyl	79		71		15-120
2,4,6-Tribromophenol	77		78		10-120
4-Terphenyl-d14	76		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1477982-2 WG1477982-3								
Acenaphthene	72		76		40-140	5		40
2-Chloronaphthalene	78		80		40-140	3		40
Fluoranthene	99		96		40-140	3		40
Hexachlorobutadiene	60		64		40-140	6		40
Naphthalene	72		76		40-140	5		40
Benzo(a)anthracene	95		94		40-140	1		40
Benzo(a)pyrene	115		115		40-140	0		40
Benzo(b)fluoranthene	95		92		40-140	3		40
Benzo(k)fluoranthene	106		111		40-140	5		40
Chrysene	90		91		40-140	1		40
Acenaphthylene	94		94		40-140	0		40
Anthracene	94		98		40-140	4		40
Benzo(ghi)perylene	92		94		40-140	2		40
Fluorene	82		87		40-140	6		40
Phenanthrene	84		87		40-140	4		40
Dibenzo(a,h)anthracene	101		103		40-140	2		40
Indeno(1,2,3-cd)pyrene	97		100		40-140	3		40
Pyrene	99		96		40-140	3		40
2-Methylnaphthalene	81		83		40-140	2		40
Pentachlorophenol	112		115		40-140	3		40
Hexachlorobenzene	69		71		40-140	3		40
Hexachloroethane	76		82		40-140	8		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1477982-2 WG1477982-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		78		21-120
Phenol-d6	70		74		10-120
Nitrobenzene-d5	111		117		23-120
2-Fluorobiphenyl	82		86		15-120
2,4,6-Tribromophenol	99		101		10-120
4-Terphenyl-d14	113		112		41-149

PCBS

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/24/21 01:12
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/23/21 04:38
Cleanup Method: EPA 3665A
Cleanup Date: 03/23/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Lab Number: L2114066
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/24/21 01:20
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/23/21 04:38
Cleanup Method: EPA 3665A
Cleanup Date: 03/23/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/22/21 22:44
Analyst: SH

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 08:55
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1477079-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1477079-2 WG1477079-3									
Aroclor 1016	71		72		40-140	2		50	A
Aroclor 1260	66		67		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	A
Decachlorobiphenyl	64		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	83		85		30-150	B

PESTICIDES

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/24/21 01:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.007	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	**24**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Lab Number: L2114066
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/23/21 14:12
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/22/21 15:21

Methylation Date: 03/23/21 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	78		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/24/21 01:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.008	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	**28**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Lab Number: L2114066
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/23/21 14:30
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/22/21 15:21

Methylation Date: 03/23/21 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	81		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/23/21 13:17
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/22/21 15:21

Methylation Date: 03/23/21 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1477258-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1477304-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1477304-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	53		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1477258-2 WG1477258-3									
2,4-D	82		74		30-150	10		25	A
2,4,5-T	83		75		30-150	10		25	A
2,4,5-TP (Silvex)	80		75		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	87		80		30-150	A
DCAA	92		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1477304-2 WG1477304-3									
Delta-BHC	39		43		30-150	8		20	A
Lindane	48		50		30-150	4		20	A
Alpha-BHC	50		53		30-150	6		20	A
Beta-BHC	54		56		30-150	4		20	A
Heptachlor	40		40		30-150	2		20	A
Aldrin	39		36		30-150	7		20	A
Heptachlor epoxide	41		43		30-150	4		20	A
Endrin	42		43		30-150	3		20	A
Endrin aldehyde	36		39		30-150	7		20	A
Endrin ketone	47		48		30-150	4		20	A
Dieldrin	42		45		30-150	6		20	A
4,4'-DDE	38		40		30-150	4		20	A
4,4'-DDD	44		45		30-150	4		20	A
4,4'-DDT	41		44		30-150	6		20	A
Endosulfan I	40		42		30-150	4		20	A
Endosulfan II	47		50		30-150	6		20	A
Endosulfan sulfate	43		45		30-150	5		20	A
Methoxychlor	46		48		30-150	4		20	A
cis-Chlordane	43		44		30-150	3		20	A
trans-Chlordane	43		44		30-150	3		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1477304-2 WG1477304-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		46		30-150	A
Decachlorobiphenyl	41		41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		45		30-150	B
Decachlorobiphenyl	50		50		30-150	B

METALS

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01 Date Collected: 03/20/21 09:40

Client ID: MW01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
General Chemistry - Mansfield Lab											
Chromium, Trivalent (Filtered)	0.016		mg/l	0.010	0.010	1		03/25/21 10:10	NA	107,-	
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	9.24		mg/l	0.0100	0.00327	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00063	J	mg/l	0.00400	0.00042	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00559		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1511		mg/l	0.00050	0.00017	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	0.00066		mg/l	0.00050	0.00010	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	0.00044		mg/l	0.00020	0.00005	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Calcium, Dissolved	76.9		mg/l	0.100	0.0394	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.01642		mg/l	0.00100	0.00017	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.01075		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.04041		mg/l	0.00100	0.00038	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Iron, Dissolved	7.79		mg/l	0.0500	0.0191	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.1512		mg/l	0.00100	0.00034	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	31.1		mg/l	0.0700	0.0242	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.275		mg/l	0.00100	0.00044	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Mercury, Dissolved	0.00017	J	mg/l	0.00020	0.00009	1	03/24/21 22:39	03/25/21 16:57	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.01533		mg/l	0.00200	0.00055	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Potassium, Dissolved	22.3		mg/l	0.100	0.0309	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00455	J	mg/l	0.00500	0.00173	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Sodium, Dissolved	122.		mg/l	0.100	0.0293	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00024	J	mg/l	0.00050	0.00014	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	0.01676		mg/l	0.00500	0.00157	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.09058		mg/l	0.01000	0.00341	1	03/24/21 21:12	03/25/21 10:10	EPA 3005A	1,6020B	AM

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02 Date Collected: 03/20/21 09:40

Client ID: GWDUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
General Chemistry - Mansfield Lab											
Chromium, Trivalent (Filtered)	ND		mg/l	0.010	0.010	1		03/25/21 10:15	NA	107,-	
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00791	J	mg/l	0.0100	0.00327	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00049	J	mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.01858		mg/l	0.00050	0.00017	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Calcium, Dissolved	58.4		mg/l	0.100	0.0394	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00041	J	mg/l	0.00100	0.00017	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00054		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00120		mg/l	0.00100	0.00038	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0314	J	mg/l	0.0500	0.0191	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	27.8		mg/l	0.0700	0.0242	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.3622		mg/l	0.00100	0.00044	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/24/21 22:39	03/25/21 17:00	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00077	J	mg/l	0.00200	0.00055	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Potassium, Dissolved	20.1		mg/l	0.100	0.0309	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00221	J	mg/l	0.00500	0.00173	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Sodium, Dissolved	116.		mg/l	0.100	0.0293	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/24/21 21:12	03/25/21 10:15	EPA 3005A	1,6020B	AM

Project Name: 514 UNION STREET(PRESIDENT ST) **Lab Number:** L2114066

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1477678-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Thallium, Dissolved	0.00017	J	mg/l	0.00050	0.00014	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1477680-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/24/21 22:39	03/25/21 15:43	1,7470A	NB

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477678-2								
Aluminum, Dissolved	102		-		80-120	-		
Antimony, Dissolved	92		-		80-120	-		
Arsenic, Dissolved	105		-		80-120	-		
Barium, Dissolved	101		-		80-120	-		
Beryllium, Dissolved	103		-		80-120	-		
Cadmium, Dissolved	106		-		80-120	-		
Calcium, Dissolved	99		-		80-120	-		
Chromium, Dissolved	98		-		80-120	-		
Cobalt, Dissolved	101		-		80-120	-		
Copper, Dissolved	102		-		80-120	-		
Iron, Dissolved	100		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	102		-		80-120	-		
Manganese, Dissolved	100		-		80-120	-		
Nickel, Dissolved	97		-		80-120	-		
Potassium, Dissolved	104		-		80-120	-		
Selenium, Dissolved	100		-		80-120	-		
Silver, Dissolved	102		-		80-120	-		
Sodium, Dissolved	100		-		80-120	-		
Thallium, Dissolved	103		-		80-120	-		
Vanadium, Dissolved	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477678-2					
Zinc, Dissolved	104	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1477680-2					
Mercury, Dissolved	109	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477678-3 WG1477678-4 QC Sample: L2113659-02 Client ID: MS Sample												
Aluminum, Dissolved	ND	2	2.12	106		2.11	106		75-125	0		20
Antimony, Dissolved	0.00043J	0.5	0.5220	104		0.5143	103		75-125	1		20
Arsenic, Dissolved	0.00081	0.12	0.1293	107		0.1306	108		75-125	1		20
Barium, Dissolved	0.4615	2	2.529	103		2.517	103		75-125	0		20
Beryllium, Dissolved	ND	0.05	0.05212	104		0.05556	111		75-125	6		20
Cadmium, Dissolved	ND	0.051	0.05520	108		0.05602	110		75-125	1		20
Calcium, Dissolved	251.	10	274	**230**	Q	275	**240**	Q	75-125	0		20
Chromium, Dissolved	0.00027J	0.2	0.1996	100		0.1983	99		75-125	1		20
Cobalt, Dissolved	0.00200	0.5	0.5121	102		0.5254	105		75-125	3		20
Copper, Dissolved	0.00073J	0.25	0.2666	107		0.2564	102		75-125	4		20
Iron, Dissolved	16.8	1	18.1	**130**	Q	18.2	**140**	Q	75-125	1		20
Lead, Dissolved	ND	0.51	0.5422	106		0.5444	107		75-125	0		20
Magnesium, Dissolved	41.8	10	54.3	125		53.6	118		75-125	1		20
Manganese, Dissolved	1.759	0.5	2.374	123		2.408	**130**	Q	75-125	1		20
Nickel, Dissolved	0.00353	0.5	0.4818	96		0.5038	100		75-125	4		20
Potassium, Dissolved	28.3	10	39.0	107		39.2	109		75-125	1		20
Selenium, Dissolved	ND	0.12	0.133	111		0.130	108		75-125	2		20
Silver, Dissolved	ND	0.05	0.05158	103		0.05187	104		75-125	1		20
Sodium, Dissolved	526.	10	551	**250**	Q	545	**190**	Q	75-125	1		20
Thallium, Dissolved	0.00025J	0.12	0.1330	111		0.1289	107		75-125	3		20
Vanadium, Dissolved	ND	0.5	0.5028	100		0.4991	100		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477678-3 WG1477678-4 QC Sample: L2113659-02 Client ID: MS Sample									
Zinc, Dissolved	0.01242	0.5	0.5308	104	0.5479	107	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477680-3 WG1477680-4 QC Sample: L2113659-02 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00512	102	0.00522	104	75-125	2	20

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2114066
Report Date: 03/25/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477678-6 QC Sample: L2113659-02 Client ID: DUP Sample						
Barium, Dissolved	0.4615	0.4348	mg/l	6		20
Calcium, Dissolved	251.	248.	mg/l	1		20
Iron, Dissolved	16.8	15.9	mg/l	5		20
Magnesium, Dissolved	41.8	41.7	mg/l	0		20
Manganese, Dissolved	1.759	1.746	mg/l	1		20
Potassium, Dissolved	28.3	27.1	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1477678-6 QC Sample: L2113659-02 Client ID: DUP Sample						
Sodium, Dissolved	526.	510.	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-01
Client ID: MW01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/21/21 09:20	03/21/21 09:35	1,7196A	JW

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114066-02
Client ID: GWDUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 09:40
Date Received: 03/20/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/21/21 09:20	03/21/21 09:38	1,7196A	JW

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303
Lab Number: L2114066
Report Date: 03/25/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1476872-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/21/21 09:20	03/21/21 09:34	1,7196A	JW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1476872-2								
Chromium, Hexavalent	104		-		85-115	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1476872-4 QC Sample: L2114066-02 Client ID: GWDUP01_032021												
Chromium, Hexavalent	ND	0.1	0.095	95		-	-		85-115	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 514 UNION STREET(PRESIDENT ST)

Project Number: 170361303

Lab Number: L2114066

Report Date: 03/25/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1476872-3 QC Sample: L2114066-01 Client ID: MW01_032021						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114066-01A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-01B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-01C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-01D	Plastic 500ml unpreserved	A	7	7	5.6	Y	Absent		HEXCR-7196(1)
L2114066-01E	Plastic 250ml HNO3 preserved	A	<2	<2	5.6	Y	Absent		K-6020S(180),V-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),BA-6020S(180),NI-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2114066-01G	Amber 250ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114066-01H	Amber 250ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114066-01I	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8081(7)
L2114066-01J	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8081(7)
L2114066-01K	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8082-LVI(7)
L2114066-01L	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8082-LVI(7)
L2114066-01M	Amber 1000ml unpreserved	A	7	7	5.6	Y	Absent		HERB-APA(7)
L2114066-01N	Amber 1000ml unpreserved	A	7	7	5.6	Y	Absent		HERB-APA(7)
L2114066-01O	Plastic 250ml HNO3 preserved	A	<2	<2	5.6	Y	Absent		ARCHIVE()
L2114066-02A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-02B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-02C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2114066-02D	Plastic 500ml unpreserved	A	7	7	5.6	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: 514 UNION STREET(PRESIDENT ST)
Project Number: 170361303

Lab Number: L2114066
Report Date: 03/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114066-02E	Plastic 250ml HNO3 preserved	A	<2	<2	5.6	Y	Absent		V-6020S(180),K-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),TL-6020S(180),PB-6020S(180),NA-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2114066-02G	Amber 250ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114066-02H	Amber 250ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114066-02I	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8081(7)
L2114066-02J	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8081(7)
L2114066-02K	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8082-LVI(7)
L2114066-02L	Amber 120ml unpreserved	A	7	7	5.6	Y	Absent		NYTCL-8082-LVI(7)
L2114066-02M	Amber 1000ml unpreserved	A	7	7	5.6	Y	Absent		HERB-APA(7)
L2114066-02N	Amber 1000ml unpreserved	A	7	7	5.6	Y	Absent		HERB-APA(7)
L2114066-02O	Plastic 250ml HNO3 preserved	A	<2	<2	5.6	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name:	514 UNION STREET(PRESIDENT ST)	**Lab Number:**	L2114066
Project Number:	170361303	**Report Date:**	03/25/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	514 UNION STREET(PRESIDENT ST)	**Lab Number:**	L2114066
Project Number:	170361303	**Report Date:**	03/25/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

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Project Number:	170361303	**Report Date:**	03/25/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	514 UNION STREET(PRESIDENT ST)	**Lab Number:**	L2114066
Project Number:	170361303	**Report Date:**	03/25/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/20/21

ALPHA Job #: L2114066

Project Information
Project Name: 514 Union Street (President St)
Project Location: Brooklyn NY
Project #
(Use Project name as Project #) ☐
Project Manager: Paul McMahon (pmcmahon@langan.com)
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Langan
Address: 360 West 31st Street
New York NY 10001
Phone: 212 479 5400
Fax:
Email: vdepaula@langan.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☒ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL/Part 375 VOCs & SVOCs	TCL/TAL/Part 375 PCBs	Pesticides	Herbicides	Dissolved metals	dissolved hex/trichrom			Sample Specific Comments	Total Bottle
14066-01	MW01-032021	3/20/21	0940	GW	DC	X	X	X	X	X	X				
02	GWDUP01-032021	3/20/21	0940	GW	DC	X	X	X	X	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Fendrick Langan	3/20/21 1630	[signature] AAL	3/20/21 16:30
[signature] AAL	3/20/21 20:13	Kevin Jan	3/20/21 20:13

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2114067
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	PRESIDENT STREET
Project Number:	170361303
Report Date:	04/05/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2114067-01	TB02_032021	WATER	BROOKLYN, NY	03/19/21 00:00	03/20/21
L2114067-02	SB04_1-3	SOIL	BROOKLYN, NY	03/20/21 12:00	03/20/21
L2114067-03	SB04_7-9	SOIL	BROOKLYN, NY	03/20/21 12:10	03/20/21
L2114067-04	SB03_4-6	SOIL	BROOKLYN, NY	03/20/21 14:10	03/20/21
L2114067-05	SB03_9-11	SOIL	BROOKLYN, NY	03/20/21 14:20	03/20/21
L2114067-06	SB03_19-21	SOIL	BROOKLYN, NY	03/20/21 14:30	03/20/21
L2114067-07	SB02_4-6	SOIL	BROOKLYN, NY	03/20/21 15:30	03/20/21
L2114067-08	SB02_7-9	SOIL	BROOKLYN, NY	03/20/21 15:35	03/20/21
L2114067-09	SODUP01_032021	SOIL	BROOKLYN, NY	03/20/21 00:00	03/20/21
L2114067-10	SODUP02_032021	SOIL	BROOKLYN, NY	03/20/21 00:00	03/20/21

Project Name:	PRESIDENT STREET	**Lab Number:**	L2114067
Project Number:	170361303	**Report Date:**	04/05/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	PRESIDENT STREET	**Lab Number:**	L2114067
Project Number:	170361303	**Report Date:**	04/05/21

Case Narrative (continued)

Report Submission

April 05, 2021: This final report includes the results of the Volatile Organics analysis performed on L2114067-06.

March 26, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2114067-06: The Volatile Organics sample "SB03_19-21" was received without raw soil for the Total Solids analysis. The Total Solids result from the corresponding sample L2114067-05 was utilized in the dry weight calculation of the Volatile Organics data.

L2114067-09: The Volatile Organics sample "SODUP01_032021" was received without raw soil for the Total Solids analysis. The Total Solids result from the corresponding sample L2114067-04 was utilized in the dry weight calculation of the Volatile Organics data.

Volatile Organics

L2114067-05 and -08: The sample was received with the appropriate container (vials) for the Volatile Organics by EPA Method 5035/8260 analysis; however, it could not be used for analysis (no soil in vials). With the client's authorization, the sample aliquot utilized for the Volatile Organics analysis was taken from an unpreserved container (jar) and preserved appropriately. Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2114067-06D2: The internal standard (IS) response for chlorobenzene-d5 (207%) and the surrogate recovery for 4-bromofluorobenzene (161%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was re-analyzed on a larger dilution in order to quantitate results within the calibration range. The result should be considered

Case Narrative (continued)

estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The results of both analyses are reported.
The WG1481845-10 Method Blank, associated with L2114067-06D2, has a concentration above the reporting limit for bromomethane. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics
L2114067-02D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (18%) and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (10%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.
L2114067-02RE\D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2114067-02: The surrogate recoveries are outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (267%) and decachlorobiphenyl (485%); however, the sample was not re-extracted due to coelution with obvious interferences.
L2114067-07D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2114067-07D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Herbicides
L2114067-07D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2114067-07D: The surrogate recoveries are below the acceptance criteria for dcaa (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Project Name: PRESIDENT STREET **Lab Number:** L2114067
Project Number: 170361303 **Report Date:** 04/05/21

Case Narrative (continued)

Total Metals

L2114067-02 through -05, -07, -08, and -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

The WG1478171-2/-3 LCS/LCSD recoveries for cyanide, total (71%/66%), associated with L2114067-02, -04, -07, and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 04/05/21

ORGANICS

VOLATILES

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-01
Client ID: TB02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/19/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 15:27
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-01 Date Collected: 03/19/21 00:00

Client ID: TB02_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-01 Date Collected: 03/19/21 00:00

Client ID: TB02_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	115		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D2
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 15:21
Analyst: MKS
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	700	4
1,1-Dichloroethane	ND		ug/kg	310	44.	4
Chloroform	45	J	ug/kg	460	43.	4
Carbon tetrachloride	ND		ug/kg	310	70.	4
1,2-Dichloropropane	ND		ug/kg	310	38.	4
Dibromochloromethane	ND		ug/kg	310	43.	4
1,1,2-Trichloroethane	ND		ug/kg	310	82.	4
Tetrachloroethene	490		ug/kg	150	60.	4
Chlorobenzene	ND		ug/kg	150	39.	4
Trichlorofluoromethane	ND		ug/kg	1200	210	4
1,2-Dichloroethane	ND		ug/kg	310	79.	4
1,1,1-Trichloroethane	ND		ug/kg	150	51.	4
Bromodichloromethane	ND		ug/kg	150	33.	4
trans-1,3-Dichloropropene	ND		ug/kg	310	84.	4
cis-1,3-Dichloropropene	ND		ug/kg	150	48.	4
1,3-Dichloropropene, Total	ND		ug/kg	150	48.	4
1,1-Dichloropropene	ND		ug/kg	150	49.	4
Bromoform	ND		ug/kg	1200	75.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	51.	4
Benzene	ND		ug/kg	150	51.	4
Toluene	ND		ug/kg	310	170	4
Ethylbenzene	ND		ug/kg	310	43.	4
Chloromethane	ND		ug/kg	1200	280	4
Bromomethane	ND		ug/kg	610	180	4
Vinyl chloride	ND		ug/kg	310	100	4
Chloroethane	ND		ug/kg	610	140	4
1,1-Dichloroethene	ND		ug/kg	310	73.	4
trans-1,2-Dichloroethene	ND		ug/kg	460	42.	4

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D2 Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	170000	E	ug/kg	150	42.	4
1,2-Dichlorobenzene	ND		ug/kg	610	44.	4
1,3-Dichlorobenzene	ND		ug/kg	610	45.	4
1,4-Dichlorobenzene	ND		ug/kg	610	52.	4
Methyl tert butyl ether	ND		ug/kg	610	62.	4
p/m-Xylene	ND		ug/kg	610	170	4
o-Xylene	ND		ug/kg	310	89.	4
Xylenes, Total	ND		ug/kg	310	89.	4
cis-1,2-Dichloroethene	61	J	ug/kg	310	54.	4
1,2-Dichloroethene, Total	61	J	ug/kg	310	42.	4
Dibromomethane	ND		ug/kg	610	73.	4
Styrene	ND		ug/kg	310	60.	4
Dichlorodifluoromethane	ND		ug/kg	3100	280	4
Acetone	ND		ug/kg	3100	1500	4
Carbon disulfide	ND		ug/kg	3100	1400	4
2-Butanone	ND		ug/kg	3100	680	4
Vinyl acetate	ND		ug/kg	3100	660	4
4-Methyl-2-pentanone	ND		ug/kg	3100	390	4
1,2,3-Trichloropropane	ND		ug/kg	610	39.	4
2-Hexanone	ND		ug/kg	3100	360	4
Bromochloromethane	ND		ug/kg	610	63.	4
2,2-Dichloropropane	ND		ug/kg	610	62.	4
1,2-Dibromoethane	ND		ug/kg	310	86.	4
1,3-Dichloropropane	ND		ug/kg	610	51.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	150	40.	4
Bromobenzene	ND		ug/kg	610	44.	4
n-Butylbenzene	ND		ug/kg	310	51.	4
sec-Butylbenzene	ND		ug/kg	310	45.	4
tert-Butylbenzene	ND		ug/kg	610	36.	4
o-Chlorotoluene	ND		ug/kg	610	58.	4
p-Chlorotoluene	ND		ug/kg	610	33.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	920	300	4
Hexachlorobutadiene	ND		ug/kg	1200	52.	4
Isopropylbenzene	ND		ug/kg	310	33.	4
p-Isopropyltoluene	ND		ug/kg	310	33.	4
Naphthalene	ND		ug/kg	1200	200	4
Acrylonitrile	ND		ug/kg	1200	350	4

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D2 Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	310	52.	4
1,2,3-Trichlorobenzene	ND		ug/kg	610	99.	4
1,2,4-Trichlorobenzene	ND		ug/kg	610	83.	4
1,3,5-Trimethylbenzene	ND		ug/kg	610	59.	4
1,2,4-Trimethylbenzene	ND		ug/kg	610	100	4
1,4-Dioxane	ND		ug/kg	24000	11000	4
p-Diethylbenzene	ND		ug/kg	610	54.	4
p-Ethyltoluene	ND		ug/kg	610	120	4
1,2,4,5-Tetramethylbenzene	ND		ug/kg	610	58.	4
Ethyl ether	ND		ug/kg	610	100	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	1500	440	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 08:42
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	140000		ug/kg	770	210	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	95		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03
Client ID: SB04_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 09:07
Analyst: MV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	580	270	1
1,1-Dichloroethane	ND		ug/kg	120	17.	1
Chloroform	ND		ug/kg	180	16.	1
Carbon tetrachloride	ND		ug/kg	120	27.	1
1,2-Dichloropropane	ND		ug/kg	120	15.	1
Dibromochloromethane	ND		ug/kg	120	16.	1
1,1,2-Trichloroethane	ND		ug/kg	120	31.	1
Tetrachloroethene	200		ug/kg	58	23.	1
Chlorobenzene	ND		ug/kg	58	15.	1
Trichlorofluoromethane	ND		ug/kg	470	81.	1
1,2-Dichloroethane	ND		ug/kg	120	30.	1
1,1,1-Trichloroethane	ND		ug/kg	58	20.	1
Bromodichloromethane	ND		ug/kg	58	13.	1
trans-1,3-Dichloropropene	ND		ug/kg	120	32.	1
cis-1,3-Dichloropropene	ND		ug/kg	58	18.	1
1,3-Dichloropropene, Total	ND		ug/kg	58	18.	1
1,1-Dichloropropene	ND		ug/kg	58	18.	1
Bromoform	ND		ug/kg	470	29.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	19.	1
Benzene	ND		ug/kg	58	19.	1
Toluene	ND		ug/kg	120	63.	1
Ethylbenzene	ND		ug/kg	120	16.	1
Chloromethane	ND		ug/kg	470	110	1
Bromomethane	150	J	ug/kg	230	68.	1
Vinyl chloride	ND		ug/kg	120	39.	1
Chloroethane	ND		ug/kg	230	53.	1
1,1-Dichloroethene	ND		ug/kg	120	28.	1
trans-1,2-Dichloroethene	ND		ug/kg	180	16.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03 Date Collected: 03/20/21 12:10

Client ID: SB04_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	12000		ug/kg	58	16.	1
1,2-Dichlorobenzene	ND		ug/kg	230	17.	1
1,3-Dichlorobenzene	ND		ug/kg	230	17.	1
1,4-Dichlorobenzene	ND		ug/kg	230	20.	1
Methyl tert butyl ether	ND		ug/kg	230	24.	1
p/m-Xylene	ND		ug/kg	230	65.	1
o-Xylene	ND		ug/kg	120	34.	1
Xylenes, Total	ND		ug/kg	120	34.	1
cis-1,2-Dichloroethene	ND		ug/kg	120	20.	1
1,2-Dichloroethene, Total	ND		ug/kg	120	16.	1
Dibromomethane	ND		ug/kg	230	28.	1
Styrene	ND		ug/kg	120	23.	1
Dichlorodifluoromethane	ND		ug/kg	1200	110	1
Acetone	ND		ug/kg	1200	560	1
Carbon disulfide	ND		ug/kg	1200	530	1
2-Butanone	ND		ug/kg	1200	260	1
Vinyl acetate	ND		ug/kg	1200	250	1
4-Methyl-2-pentanone	ND		ug/kg	1200	150	1
1,2,3-Trichloropropane	ND		ug/kg	230	15.	1
2-Hexanone	ND		ug/kg	1200	140	1
Bromochloromethane	ND		ug/kg	230	24.	1
2,2-Dichloropropane	ND		ug/kg	230	24.	1
1,2-Dibromoethane	ND		ug/kg	120	33.	1
1,3-Dichloropropane	ND		ug/kg	230	20.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	58	15.	1
Bromobenzene	ND		ug/kg	230	17.	1
n-Butylbenzene	ND		ug/kg	120	20.	1
sec-Butylbenzene	ND		ug/kg	120	17.	1
tert-Butylbenzene	ND		ug/kg	230	14.	1
o-Chlorotoluene	ND		ug/kg	230	22.	1
p-Chlorotoluene	ND		ug/kg	230	13.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	120	1
Hexachlorobutadiene	ND		ug/kg	470	20.	1
Isopropylbenzene	ND		ug/kg	120	13.	1
p-Isopropyltoluene	ND		ug/kg	120	13.	1
Naphthalene	ND		ug/kg	470	76.	1
Acrylonitrile	ND		ug/kg	470	130	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03 Date Collected: 03/20/21 12:10

Client ID: SB04_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	120	20.	1
1,2,3-Trichlorobenzene	ND		ug/kg	230	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	32.	1
1,3,5-Trimethylbenzene	ND		ug/kg	230	22.	1
1,2,4-Trimethylbenzene	ND		ug/kg	230	39.	1
1,4-Dioxane	ND		ug/kg	9400	4100	1
p-Diethylbenzene	ND		ug/kg	230	21.	1
p-Ethyltoluene	ND		ug/kg	230	45.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	230	22.	1
Ethyl ether	ND		ug/kg	230	40.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	580	170	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 13:41
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04 Date Collected: 03/20/21 14:10

Client ID: SB03_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.3		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04 Date Collected: 03/20/21 14:10

Client ID: SB03_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	94		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05
Client ID: SB03_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:20
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 17:12
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	1.6		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	0.21	J	ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05 Date Collected: 03/20/21 14:20

Client ID: SB03_9-11 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	5.5		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	10	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	0.18	J	ug/kg	1.1	0.16	1
tert-Butylbenzene	0.13	J	ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	0.55	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05 Date Collected: 03/20/21 14:20

Client ID: SB03_9-11 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	0.54	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	103		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D2
Client ID: SB03_19-21
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/02/21 12:28
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3300	1500	10
1,1-Dichloroethane	ND		ug/kg	660	95.	10
Chloroform	ND		ug/kg	990	92.	10
Carbon tetrachloride	ND		ug/kg	660	150	10
1,2-Dichloropropane	ND		ug/kg	660	82.	10
Dibromochloromethane	ND		ug/kg	660	92.	10
1,1,2-Trichloroethane	ND		ug/kg	660	180	10
Tetrachloroethene	ND		ug/kg	330	130	10
Chlorobenzene	ND		ug/kg	330	84.	10
Trichlorofluoromethane	ND		ug/kg	2600	460	10
1,2-Dichloroethane	ND		ug/kg	660	170	10
1,1,1-Trichloroethane	ND		ug/kg	330	110	10
Bromodichloromethane	ND		ug/kg	330	72.	10
trans-1,3-Dichloropropene	ND		ug/kg	660	180	10
cis-1,3-Dichloropropene	ND		ug/kg	330	100	10
1,3-Dichloropropene, Total	ND		ug/kg	330	100	10
1,1-Dichloropropene	ND		ug/kg	330	100	10
Bromoform	ND		ug/kg	2600	160	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	330	110	10
Benzene	7800		ug/kg	330	110	10
Toluene	3600		ug/kg	660	360	10
Ethylbenzene	85000		ug/kg	660	93.	10
Chloromethane	ND		ug/kg	2600	610	10
Bromomethane	ND		ug/kg	1300	380	10
Vinyl chloride	ND		ug/kg	660	220	10
Chloroethane	ND		ug/kg	1300	300	10
1,1-Dichloroethene	ND		ug/kg	660	160	10
trans-1,2-Dichloroethene	ND		ug/kg	990	90.	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D2 Date Collected: 03/20/21 14:30

Client ID: SB03_19-21 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	330	90.	10
1,2-Dichlorobenzene	ND		ug/kg	1300	95.	10
1,3-Dichlorobenzene	ND		ug/kg	1300	97.	10
1,4-Dichlorobenzene	ND		ug/kg	1300	110	10
Methyl tert butyl ether	ND		ug/kg	1300	130	10
p/m-Xylene	210000		ug/kg	1300	370	10
o-Xylene	4900		ug/kg	660	190	10
Xylenes, Total	210000		ug/kg	660	190	10
cis-1,2-Dichloroethene	ND		ug/kg	660	120	10
1,2-Dichloroethene, Total	ND		ug/kg	660	90.	10
Dibromomethane	ND		ug/kg	1300	160	10
Styrene	ND		ug/kg	660	130	10
Dichlorodifluoromethane	ND		ug/kg	6600	600	10
Acetone	ND		ug/kg	6600	3200	10
Carbon disulfide	ND		ug/kg	6600	3000	10
2-Butanone	ND		ug/kg	6600	1500	10
Vinyl acetate	ND		ug/kg	6600	1400	10
4-Methyl-2-pentanone	ND		ug/kg	6600	840	10
1,2,3-Trichloropropane	ND		ug/kg	1300	84.	10
2-Hexanone	ND		ug/kg	6600	780	10
Bromochloromethane	ND		ug/kg	1300	130	10
2,2-Dichloropropane	ND		ug/kg	1300	130	10
1,2-Dibromoethane	ND		ug/kg	660	180	10
1,3-Dichloropropane	ND		ug/kg	1300	110	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	330	87.	10
Bromobenzene	ND		ug/kg	1300	95.	10
n-Butylbenzene	16000		ug/kg	660	110	10
sec-Butylbenzene	7100		ug/kg	660	96.	10
tert-Butylbenzene	ND		ug/kg	1300	78.	10
o-Chlorotoluene	ND		ug/kg	1300	120	10
p-Chlorotoluene	ND		ug/kg	1300	71.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	660	10
Hexachlorobutadiene	ND		ug/kg	2600	110	10
Isopropylbenzene	18000		ug/kg	660	72.	10
p-Isopropyltoluene	8500		ug/kg	660	72.	10
Naphthalene	42000		ug/kg	2600	430	10
Acrylonitrile	ND		ug/kg	2600	760	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D2 Date Collected: 03/20/21 14:30

Client ID: SB03_19-21 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	36000		ug/kg	660	110	10
1,2,3-Trichlorobenzene	ND		ug/kg	1300	210	10
1,2,4-Trichlorobenzene	ND		ug/kg	1300	180	10
1,3,5-Trimethylbenzene	110000		ug/kg	1300	130	10
1,2,4-Trimethylbenzene	400000	E	ug/kg	1300	220	10
1,4-Dioxane	ND		ug/kg	53000	23000	10
p-Diethylbenzene	11000		ug/kg	1300	120	10
p-Ethyltoluene	140000		ug/kg	1300	250	10
1,2,4,5-Tetramethylbenzene	34000		ug/kg	1300	120	10
Ethyl ether	ND		ug/kg	1300	220	10
trans-1,4-Dichloro-2-butene	ND		ug/kg	3300	930	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	**161**	Q	70-130
Dibromofluoromethane	78		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D
Client ID: SB03_19-21
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/02/21 04:12
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	33000	15000	100
1,1-Dichloroethane	ND		ug/kg	6600	950	100
Chloroform	ND		ug/kg	9900	920	100
Carbon tetrachloride	ND		ug/kg	6600	1500	100
1,2-Dichloropropane	ND		ug/kg	6600	820	100
Dibromochloromethane	ND		ug/kg	6600	920	100
1,1,2-Trichloroethane	ND		ug/kg	6600	1800	100
Tetrachloroethene	ND		ug/kg	3300	1300	100
Chlorobenzene	ND		ug/kg	3300	840	100
Trichlorofluoromethane	ND		ug/kg	26000	4600	100
1,2-Dichloroethane	ND		ug/kg	6600	1700	100
1,1,1-Trichloroethane	ND		ug/kg	3300	1100	100
Bromodichloromethane	ND		ug/kg	3300	720	100
trans-1,3-Dichloropropene	ND		ug/kg	6600	1800	100
cis-1,3-Dichloropropene	ND		ug/kg	3300	1000	100
1,3-Dichloropropene, Total	ND		ug/kg	330	100	100
1,1-Dichloropropene	ND		ug/kg	3300	1000	100
Bromoform	ND		ug/kg	26000	1600	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	3300	1100	100
Benzene	6700		ug/kg	3300	1100	100
Toluene	3600	J	ug/kg	6600	3600	100
Ethylbenzene	67000		ug/kg	6600	930	100
Chloromethane	ND		ug/kg	26000	6100	100
Bromomethane	ND		ug/kg	13000	3800	100
Vinyl chloride	ND		ug/kg	6600	2200	100
Chloroethane	ND		ug/kg	13000	3000	100
1,1-Dichloroethene	ND		ug/kg	6600	1600	100
trans-1,2-Dichloroethene	ND		ug/kg	9900	900	100

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D Date Collected: 03/20/21 14:30

Client ID: SB03_19-21 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	3300	900	100
1,2-Dichlorobenzene	ND		ug/kg	13000	950	100
1,3-Dichlorobenzene	ND		ug/kg	13000	970	100
1,4-Dichlorobenzene	ND		ug/kg	13000	1100	100
Methyl tert butyl ether	ND		ug/kg	13000	1300	100
p/m-Xylene	150000		ug/kg	13000	3700	100
o-Xylene	5500	J	ug/kg	6600	1900	100
Xylenes, Total	160000	J	ug/kg	660	190	100
cis-1,2-Dichloroethene	ND		ug/kg	6600	1200	100
1,2-Dichloroethene, Total	ND		ug/kg	660	90.	100
Dibromomethane	ND		ug/kg	13000	1600	100
Styrene	ND		ug/kg	6600	1300	100
Dichlorodifluoromethane	ND		ug/kg	66000	6000	100
Acetone	ND		ug/kg	66000	32000	100
Carbon disulfide	ND		ug/kg	66000	30000	100
2-Butanone	ND		ug/kg	66000	15000	100
Vinyl acetate	ND		ug/kg	66000	14000	100
4-Methyl-2-pentanone	ND		ug/kg	66000	8400	100
1,2,3-Trichloropropane	ND		ug/kg	13000	840	100
2-Hexanone	ND		ug/kg	66000	7800	100
Bromochloromethane	ND		ug/kg	13000	1300	100
2,2-Dichloropropane	ND		ug/kg	13000	1300	100
1,2-Dibromoethane	ND		ug/kg	6600	1800	100
1,3-Dichloropropane	ND		ug/kg	13000	1100	100
1,1,1,2-Tetrachloroethane	ND		ug/kg	3300	870	100
Bromobenzene	ND		ug/kg	13000	950	100
n-Butylbenzene	10000		ug/kg	6600	1100	100
sec-Butylbenzene	4100	J	ug/kg	6600	960	100
tert-Butylbenzene	ND		ug/kg	13000	780	100
o-Chlorotoluene	ND		ug/kg	13000	1200	100
p-Chlorotoluene	ND		ug/kg	13000	710	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	20000	6600	100
Hexachlorobutadiene	ND		ug/kg	26000	1100	100
Isopropylbenzene	12000		ug/kg	6600	720	100
p-Isopropyltoluene	5300	J	ug/kg	6600	720	100
Naphthalene	35000		ug/kg	26000	4300	100
Acrylonitrile	ND		ug/kg	26000	7600	100

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06 D Date Collected: 03/20/21 14:30

Client ID: SB03_19-21 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	25000		ug/kg	6600	1100	100
1,2,3-Trichlorobenzene	ND		ug/kg	13000	2100	100
1,2,4-Trichlorobenzene	ND		ug/kg	13000	1800	100
1,3,5-Trimethylbenzene	75000		ug/kg	13000	1300	100
1,2,4-Trimethylbenzene	260000		ug/kg	13000	2200	100
1,4-Dioxane	ND		ug/kg	530000	230000	100
p-Diethylbenzene	7200	J	ug/kg	13000	1200	100
p-Ethyltoluene	94000		ug/kg	13000	2500	100
1,2,4,5-Tetramethylbenzene	23000		ug/kg	13000	1200	100
Ethyl ether	ND		ug/kg	13000	2200	100
trans-1,4-Dichloro-2-butene	ND		ug/kg	33000	9300	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	93		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 19:02
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 Date Collected: 03/20/21 15:30

Client ID: SB02_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.89		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 Date Collected: 03/20/21 15:30

Client ID: SB02_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	96		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08
Client ID: SB02_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:35
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 17:33
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08 Date Collected: 03/20/21 15:35

Client ID: SB02_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08 Date Collected: 03/20/21 15:35

Client ID: SB02_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-09
Client ID: SODUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/24/21 14:31
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-09 Date Collected: 03/20/21 00:00

Client ID: SODUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	2.0		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-09 Date Collected: 03/20/21 00:00

Client ID: SODUP01_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
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Analytical Method: 1,8260C
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Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1478224-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PRESIDENT STREET
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Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1478224-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PRESIDENT STREET **Lab Number:** L2114067

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Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1478224-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	114		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

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Batch Quality Control

Analytical Method: 1,8260C
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Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,09 Batch: WG1478443-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.4	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: PRESIDENT STREET
Project Number: 170361303
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Method Blank Analysis
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Analytical Method: 1,8260C
Analytical Date: 03/24/21 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,09 Batch: WG1478443-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

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Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,09 Batch: WG1478443-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	94		70-130

Project Name: PRESIDENT STREET
Project Number: 170361303
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Method Blank Analysis
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Analytical Method: 1,8260C
Analytical Date: 03/24/21 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1478444-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	68	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
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Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1478444-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: PRESIDENT STREET **Lab Number:** L2114067

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG1478444-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	94		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:37
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1478585-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.6	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

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Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:37
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1478585-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:37
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1478585-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	93		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 16:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08 Batch: WG1478629-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	0.19	J	ug/kg	0.50	0.14

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 16:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08 Batch: WG1478629-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 16:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08 Batch: WG1478629-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-10					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	100		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-10					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-10					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	96		70-130

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 19:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	86	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 19:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 19:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1481845-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1478224-3 WG1478224-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	92		96		70-130	4		20
Carbon tetrachloride	93		98		63-132	5		20
1,2-Dichloropropane	95		99		70-130	4		20
Dibromochloromethane	81		80		63-130	1		20
1,1,2-Trichloroethane	85		87		70-130	2		20
Tetrachloroethene	92		94		70-130	2		20
Chlorobenzene	93		95		75-130	2		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	91		94		70-130	3		20
1,1,1-Trichloroethane	92		96		67-130	4		20
Bromodichloromethane	87		89		67-130	2		20
trans-1,3-Dichloropropene	80		80		70-130	0		20
cis-1,3-Dichloropropene	85		85		70-130	0		20
1,1-Dichloropropene	93		97		70-130	4		20
Bromoform	80		80		54-136	0		20
1,1,2,2-Tetrachloroethane	83		84		67-130	1		20
Benzene	94		97		70-130	3		20
Toluene	92		92		70-130	0		20
Ethylbenzene	90		91		70-130	1		20
Chloromethane	90		95		64-130	5		20
Bromomethane	92		87		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1478224-3 WG1478224-4								
Vinyl chloride	93		97		55-140	4		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	81		86		70-130	6		20
1,2-Dichlorobenzene	93		93		70-130	0		20
1,3-Dichlorobenzene	95		94		70-130	1		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	83		87		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	88		93		70-130	6		20
1,2,3-Trichloropropane	82		84		64-130	2		20
Acrylonitrile	88		95		70-130	8		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	53		55		36-147	4		20
Acetone	91		95		58-148	4		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	81		90		63-138	11		20
Vinyl acetate	85		88		70-130	3		20
4-Methyl-2-pentanone	77		81		59-130	5		20
2-Hexanone	81		85		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1478224-3 WG1478224-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	89		93		63-133	4		20
1,2-Dibromoethane	88		89		70-130	1		20
1,3-Dichloropropane	88		88		70-130	0		20
1,1,1,2-Tetrachloroethane	83		82		64-130	1		20
Bromobenzene	95		95		70-130	0		20
n-Butylbenzene	97		94		53-136	3		20
sec-Butylbenzene	96		94		70-130	2		20
tert-Butylbenzene	81		80		70-130	1		20
o-Chlorotoluene	88		87		70-130	1		20
p-Chlorotoluene	90		90		70-130	0		20
1,2-Dibromo-3-chloropropane	82		85		41-144	4		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	93		93		70-130	0		20
p-Isopropyltoluene	95		94		70-130	1		20
Naphthalene	92		91		70-130	1		20
n-Propylbenzene	93		93		69-130	0		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		98		70-130	1		20
1,3,5-Trimethylbenzene	86		87		64-130	1		20
1,2,4-Trimethylbenzene	88		88		70-130	0		20
1,4-Dioxane	86		82		56-162	5		20
p-Diethylbenzene	94		93		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1478224-3 WG1478224-4								
p-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		89		70-130	0		20
Ethyl ether	87		93		59-134	7		20
trans-1,4-Dichloro-2-butene	77		78		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		100		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	94		92		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,09 Batch: WG1478443-3 WG1478443-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	96		93		70-130	3		30
Chloroform	89		88		70-130	1		30
Carbon tetrachloride	91		89		70-130	2		30
1,2-Dichloropropane	94		94		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	104		105		70-130	1		30
Tetrachloroethene	97		92		70-130	5		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	97		92		70-139	5		30
1,2-Dichloroethane	87		89		70-130	2		30
1,1,1-Trichloroethane	92		91		70-130	1		30
Bromodichloromethane	91		93		70-130	2		30
trans-1,3-Dichloropropene	102		101		70-130	1		30
cis-1,3-Dichloropropene	86		87		70-130	1		30
1,1-Dichloropropene	97		95		70-130	2		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	111		115		70-130	4		30
Benzene	91		89		70-130	2		30
Toluene	104		99		70-130	5		30
Ethylbenzene	103		100		70-130	3		30
Chloromethane	88		86		52-130	2		30
Bromomethane	**181**	Q	**177**	Q	57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,09 Batch: WG1478443-3 WG1478443-4								
Vinyl chloride	114		110		67-130	4		30
Chloroethane	145		143		50-151	1		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	91		87		70-130	4		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	106		102		70-130	4		30
1,4-Dichlorobenzene	106		101		70-130	5		30
Methyl tert butyl ether	79		82		66-130	4		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	97		95		70-130	2		30
cis-1,2-Dichloroethene	91		89		70-130	2		30
Dibromomethane	80		82		70-130	2		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	106		99		30-146	7		30
Acetone	86		88		54-140	2		30
Carbon disulfide	88		85		59-130	3		30
2-Butanone	85		91		70-130	7		30
Vinyl acetate	85		90		70-130	6		30
4-Methyl-2-pentanone	85		88		70-130	3		30
1,2,3-Trichloropropane	107		108		68-130	1		30
2-Hexanone	85		90		70-130	6		30
Bromochloromethane	78		78		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,09 Batch: WG1478443-3 WG1478443-4								
2,2-Dichloropropane	89		87		70-130	2		30
1,2-Dibromoethane	89		89		70-130	0		30
1,3-Dichloropropane	102		101		69-130	1		30
1,1,1,2-Tetrachloroethane	102		100		70-130	2		30
Bromobenzene	101		97		70-130	4		30
n-Butylbenzene	124		120		70-130	3		30
sec-Butylbenzene	117		112		70-130	4		30
tert-Butylbenzene	113		108		70-130	5		30
o-Chlorotoluene	116		111		70-130	4		30
p-Chlorotoluene	117		112		70-130	4		30
1,2-Dibromo-3-chloropropane	87		94		68-130	8		30
Hexachlorobutadiene	93		88		67-130	6		30
Isopropylbenzene	115		109		70-130	5		30
p-Isopropyltoluene	113		110		70-130	3		30
Naphthalene	98		99		70-130	1		30
Acrylonitrile	81		85		70-130	5		30
n-Propylbenzene	118		113		70-130	4		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	96		95		70-130	1		30
1,3,5-Trimethylbenzene	114		107		70-130	6		30
1,2,4-Trimethylbenzene	113		108		70-130	5		30
1,4-Dioxane	81		86		65-136	6		30
p-Diethylbenzene	118		112		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,09 Batch: WG1478443-3 WG1478443-4								
p-Ethyltoluene	116		111		70-130	4		30
1,2,4,5-Tetramethylbenzene	108		104		70-130	4		30
Ethyl ether	82		84		67-130	2		30
trans-1,4-Dichloro-2-butene	111		117		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		99		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1478444-3 WG1478444-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	96		93		70-130	3		30
Chloroform	89		88		70-130	1		30
Carbon tetrachloride	91		89		70-130	2		30
1,2-Dichloropropane	94		94		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	104		105		70-130	1		30
Tetrachloroethene	97		92		70-130	5		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	97		92		70-139	5		30
1,2-Dichloroethane	87		89		70-130	2		30
1,1,1-Trichloroethane	92		91		70-130	1		30
Bromodichloromethane	91		93		70-130	2		30
trans-1,3-Dichloropropene	102		101		70-130	1		30
cis-1,3-Dichloropropene	86		87		70-130	1		30
1,1-Dichloropropene	97		95		70-130	2		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	111		115		70-130	4		30
Benzene	91		89		70-130	2		30
Toluene	104		99		70-130	5		30
Ethylbenzene	103		100		70-130	3		30
Chloromethane	88		86		52-130	2		30
Bromomethane	**181**	Q	**177**	Q	57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1478444-3 WG1478444-4								
Vinyl chloride	114		110		67-130	4		30
Chloroethane	145		143		50-151	1		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	91		87		70-130	4		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	106		102		70-130	4		30
1,4-Dichlorobenzene	106		101		70-130	5		30
Methyl tert butyl ether	79		82		66-130	4		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	97		95		70-130	2		30
cis-1,2-Dichloroethene	91		89		70-130	2		30
Dibromomethane	80		82		70-130	2		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	106		99		30-146	7		30
Acetone	86		88		54-140	2		30
Carbon disulfide	88		85		59-130	3		30
2-Butanone	85		91		70-130	7		30
Vinyl acetate	85		90		70-130	6		30
4-Methyl-2-pentanone	85		88		70-130	3		30
1,2,3-Trichloropropane	107		108		68-130	1		30
2-Hexanone	85		90		70-130	6		30
Bromochloromethane	78		78		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1478444-3 WG1478444-4								
2,2-Dichloropropane	89		87		70-130	2		30
1,2-Dibromoethane	89		89		70-130	0		30
1,3-Dichloropropane	102		101		69-130	1		30
1,1,1,2-Tetrachloroethane	102		100		70-130	2		30
Bromobenzene	101		97		70-130	4		30
n-Butylbenzene	124		120		70-130	3		30
sec-Butylbenzene	117		112		70-130	4		30
tert-Butylbenzene	113		108		70-130	5		30
o-Chlorotoluene	116		111		70-130	4		30
p-Chlorotoluene	117		112		70-130	4		30
1,2-Dibromo-3-chloropropane	87		94		68-130	8		30
Hexachlorobutadiene	93		88		67-130	6		30
Isopropylbenzene	115		109		70-130	5		30
p-Isopropyltoluene	113		110		70-130	3		30
Naphthalene	98		99		70-130	1		30
Acrylonitrile	81		85		70-130	5		30
n-Propylbenzene	118		113		70-130	4		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	96		95		70-130	1		30
1,3,5-Trimethylbenzene	114		107		70-130	6		30
1,2,4-Trimethylbenzene	113		108		70-130	5		30
1,4-Dioxane	81		86		65-136	6		30
p-Diethylbenzene	118		112		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG1478444-3 WG1478444-4								
p-Ethyltoluene	116		111		70-130	4		30
1,2,4,5-Tetramethylbenzene	108		104		70-130	4		30
Ethyl ether	82		84		67-130	2		30
trans-1,4-Dichloro-2-butene	111		117		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		99		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1478585-3 WG1478585-4								
Methylene chloride	83		80		70-130	4		30
1,1-Dichloroethane	90		88		70-130	2		30
Chloroform	85		82		70-130	4		30
Carbon tetrachloride	88		83		70-130	6		30
1,2-Dichloropropane	91		88		70-130	3		30
Dibromochloromethane	92		89		70-130	3		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	94		87		70-130	8		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	92		88		70-139	4		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	88		84		70-130	5		30
Bromodichloromethane	89		87		70-130	2		30
trans-1,3-Dichloropropene	100		97		70-130	3		30
cis-1,3-Dichloropropene	84		83		70-130	1		30
1,1-Dichloropropene	91		86		70-130	6		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	106		107		70-130	1		30
Benzene	87		84		70-130	4		30
Toluene	99		91		70-130	8		30
Ethylbenzene	99		92		70-130	7		30
Chloromethane	83		78		52-130	6		30
Bromomethane	**174**	Q	**166**	Q	57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1478585-3 WG1478585-4								
Vinyl chloride	107		100		67-130	7		30
Chloroethane	132		131		50-151	1		30
1,1-Dichloroethene	88		82		65-135	7		30
trans-1,2-Dichloroethene	87		83		70-130	5		30
Trichloroethene	87		82		70-130	6		30
1,2-Dichlorobenzene	97		92		70-130	5		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	100		95		70-130	5		30
Methyl tert butyl ether	78		78		66-130	0		30
p/m-Xylene	97		90		70-130	7		30
o-Xylene	94		89		70-130	5		30
cis-1,2-Dichloroethene	88		83		70-130	6		30
Dibromomethane	79		80		70-130	1		30
Styrene	97		93		70-130	4		30
Dichlorodifluoromethane	95		89		30-146	7		30
Acetone	81		89		54-140	9		30
Carbon disulfide	84		79		59-130	6		30
2-Butanone	82		84		70-130	2		30
Vinyl acetate	84		83		70-130	1		30
4-Methyl-2-pentanone	85		85		70-130	0		30
1,2,3-Trichloropropane	103		103		68-130	0		30
2-Hexanone	86		87		70-130	1		30
Bromochloromethane	76		75		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1478585-3 WG1478585-4								
2,2-Dichloropropane	86		82		70-130	5		30
1,2-Dibromoethane	87		86		70-130	1		30
1,3-Dichloropropane	100		98		69-130	2		30
1,1,1,2-Tetrachloroethane	100		97		70-130	3		30
Bromobenzene	96		92		70-130	4		30
n-Butylbenzene	116		107		70-130	8		30
sec-Butylbenzene	109		101		70-130	8		30
tert-Butylbenzene	107		100		70-130	7		30
o-Chlorotoluene	108		103		70-130	5		30
p-Chlorotoluene	110		102		70-130	8		30
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Hexachlorobutadiene	89		84		67-130	6		30
Isopropylbenzene	110		101		70-130	9		30
p-Isopropyltoluene	108		100		70-130	8		30
Naphthalene	96		93		70-130	3		30
Acrylonitrile	81		82		70-130	1		30
n-Propylbenzene	110		102		70-130	8		30
1,2,3-Trichlorobenzene	90		86		70-130	5		30
1,2,4-Trichlorobenzene	94		89		70-130	5		30
1,3,5-Trimethylbenzene	106		100		70-130	6		30
1,2,4-Trimethylbenzene	106		99		70-130	7		30
1,4-Dioxane	87		97		65-136	11		30
p-Diethylbenzene	110		103		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1478585-3 WG1478585-4								
p-Ethyltoluene	110		102		70-130	8		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Ethyl ether	82		81		67-130	1		30
trans-1,4-Dichloro-2-butene	113		112		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	110		107		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08 Batch: WG1478629-3 WG1478629-4								
Methylene chloride	89		86		70-130	3		30
1,1-Dichloroethane	99		95		70-130	4		30
Chloroform	99		95		70-130	4		30
Carbon tetrachloride	102		99		70-130	3		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	87		89		70-130	2		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	104		101		70-139	3		30
1,2-Dichloroethane	92		91		70-130	1		30
1,1,1-Trichloroethane	103		99		70-130	4		30
Bromodichloromethane	97		94		70-130	3		30
trans-1,3-Dichloropropene	86		88		70-130	2		30
cis-1,3-Dichloropropene	100		98		70-130	2		30
1,1-Dichloropropene	105		101		70-130	4		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	89		91		70-130	2		30
Benzene	100		97		70-130	3		30
Toluene	100		99		70-130	1		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	128		121		52-130	6		30
Bromomethane	120		106		57-147	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08 Batch: WG1478629-3 WG1478629-4								
Vinyl chloride	116		111		67-130	4		30
Chloroethane	110		104		50-151	6		30
1,1-Dichloroethene	106		102		65-135	4		30
trans-1,2-Dichloroethene	104		100		70-130	4		30
Trichloroethene	104		100		70-130	4		30
1,2-Dichlorobenzene	98		95		70-130	3		30
1,3-Dichlorobenzene	100		97		70-130	3		30
1,4-Dichlorobenzene	100		97		70-130	3		30
Methyl tert butyl ether	91		93		66-130	2		30
p/m-Xylene	105		103		70-130	2		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	99		97		70-130	2		30
Dibromomethane	91		92		70-130	1		30
Styrene	107		106		70-130	1		30
Dichlorodifluoromethane	134		130		30-146	3		30
Acetone	78		84		54-140	7		30
Carbon disulfide	121		117		59-130	3		30
2-Butanone	80		83		70-130	4		30
Vinyl acetate	78		80		70-130	3		30
4-Methyl-2-pentanone	78		84		70-130	7		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	80		90		70-130	12		30
Bromochloromethane	102		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08 Batch: WG1478629-3 WG1478629-4								
2,2-Dichloropropane	110		106		70-130	4		30
1,2-Dibromoethane	97		101		70-130	4		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	97		94		70-130	3		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	105		101		70-130	4		30
tert-Butylbenzene	103		100		70-130	3		30
o-Chlorotoluene	100		99		70-130	1		30
p-Chlorotoluene	103		98		70-130	5		30
1,2-Dibromo-3-chloropropane	86		90		68-130	5		30
Hexachlorobutadiene	101		97		67-130	4		30
Isopropylbenzene	103		100		70-130	3		30
p-Isopropyltoluene	105		101		70-130	4		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	87		90		70-130	3		30
n-Propylbenzene	103		100		70-130	3		30
1,2,3-Trichlorobenzene	98		95		70-130	3		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	104		100		70-130	4		30
1,2,4-Trimethylbenzene	104		100		70-130	4		30
1,4-Dioxane	87		91		65-136	4		30
p-Diethylbenzene	106		103		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08 Batch: WG1478629-3 WG1478629-4								
p-Ethyltoluene	105		101		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		100		70-130	4		30
Ethyl ether	96		93		67-130	3		30
trans-1,4-Dichloro-2-butene	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-3 WG1481845-4								
Methylene chloride	86		83		70-130	4		30
1,1-Dichloroethane	96		91		70-130	5		30
Chloroform	88		86		70-130	2		30
Carbon tetrachloride	99		93		70-130	6		30
1,2-Dichloropropane	91		89		70-130	2		30
Dibromochloromethane	87		89		70-130	2		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	97		90		70-130	7		30
Chlorobenzene	94		90		70-130	4		30
Trichlorofluoromethane	100		94		70-139	6		30
1,2-Dichloroethane	88		87		70-130	1		30
1,1,1-Trichloroethane	97		91		70-130	6		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	84		85		70-130	1		30
1,1-Dichloropropene	99		94		70-130	5		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	99		100		70-130	1		30
Benzene	90		87		70-130	3		30
Toluene	98		95		70-130	3		30
Ethylbenzene	98		94		70-130	4		30
Chloromethane	78		73		52-130	7		30
Bromomethane	**150**	Q	143		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-3 WG1481845-4								
Vinyl chloride	94		89		67-130	5		30
Chloroethane	115		113		50-151	2		30
1,1-Dichloroethene	97		91		65-135	6		30
trans-1,2-Dichloroethene	92		88		70-130	4		30
Trichloroethene	92		88		70-130	4		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,3-Dichlorobenzene	100		95		70-130	5		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	81		80		66-130	1		30
p/m-Xylene	96		91		70-130	5		30
o-Xylene	93		89		70-130	4		30
cis-1,2-Dichloroethene	90		86		70-130	5		30
Dibromomethane	80		81		70-130	1		30
Styrene	94		92		70-130	2		30
Dichlorodifluoromethane	96		90		30-146	6		30
Acetone	82		86		54-140	5		30
Carbon disulfide	90		85		59-130	6		30
2-Butanone	77		79		70-130	3		30
Vinyl acetate	85		84		70-130	1		30
4-Methyl-2-pentanone	77		81		70-130	5		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	77		81		70-130	5		30
Bromochloromethane	79		79		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-3 WG1481845-4								
2,2-Dichloropropane	97		91		70-130	6		30
1,2-Dibromoethane	83		85		70-130	2		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	97		95		70-130	2		30
Bromobenzene	94		91		70-130	3		30
n-Butylbenzene	116		108		70-130	7		30
sec-Butylbenzene	110		103		70-130	7		30
tert-Butylbenzene	106		100		70-130	6		30
o-Chlorotoluene	109		103		70-130	6		30
p-Chlorotoluene	109		104		70-130	5		30
1,2-Dibromo-3-chloropropane	82		86		68-130	5		30
Hexachlorobutadiene	90		85		67-130	6		30
Isopropylbenzene	107		101		70-130	6		30
p-Isopropyltoluene	107		101		70-130	6		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	80		80		70-130	0		30
n-Propylbenzene	110		102		70-130	8		30
1,2,3-Trichlorobenzene	84		84		70-130	0		30
1,2,4-Trichlorobenzene	88		86		70-130	2		30
1,3,5-Trimethylbenzene	106		100		70-130	6		30
1,2,4-Trimethylbenzene	105		100		70-130	5		30
1,4-Dioxane	89		93		65-136	4		30
p-Diethylbenzene	108		103		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-3 WG1481845-4								
p-Ethyltoluene	109		102		70-130	7		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	81		81		67-130	0		30
trans-1,4-Dichloro-2-butene	107		110		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	104		106		70-130
4-Bromofluorobenzene	110		108		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-8 WG1481845-9								
Methylene chloride	91		86		70-130	6		30
1,1-Dichloroethane	102		96		70-130	6		30
Chloroform	94		88		70-130	7		30
Carbon tetrachloride	95		87		70-130	9		30
1,2-Dichloropropane	97		94		70-130	3		30
Dibromochloromethane	90		87		70-130	3		30
1,1,2-Trichloroethane	102		101		70-130	1		30
Tetrachloroethene	94		87		70-130	8		30
Chlorobenzene	97		92		70-130	5		30
Trichlorofluoromethane	91		84		70-139	8		30
1,2-Dichloroethane	92		89		70-130	3		30
1,1,1-Trichloroethane	96		89		70-130	8		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	88		84		70-130	5		30
1,1-Dichloropropene	98		92		70-130	6		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	106		109		70-130	3		30
Benzene	96		90		70-130	6		30
Toluene	103		97		70-130	6		30
Ethylbenzene	103		96		70-130	7		30
Chloromethane	86		79		52-130	8		30
Bromomethane	**169**	Q	**154**	Q	57-147	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-8 WG1481845-9								
Vinyl chloride	99		89		67-130	11		30
Chloroethane	136		124		50-151	9		30
1,1-Dichloroethene	94		86		65-135	9		30
trans-1,2-Dichloroethene	93		87		70-130	7		30
Trichloroethene	94		87		70-130	8		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	100		98		70-130	2		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	79		79		66-130	0		30
p/m-Xylene	99		92		70-130	7		30
o-Xylene	96		91		70-130	5		30
cis-1,2-Dichloroethene	92		88		70-130	4		30
Dibromomethane	83		80		70-130	4		30
Styrene	100		95		70-130	5		30
Dichlorodifluoromethane	90		81		30-146	11		30
Acetone	94		90		54-140	4		30
Carbon disulfide	94		86		59-130	9		30
2-Butanone	88		87		70-130	1		30
Vinyl acetate	90		86		70-130	5		30
4-Methyl-2-pentanone	79		81		70-130	3		30
1,2,3-Trichloropropane	102		107		68-130	5		30
2-Hexanone	82		85		70-130	4		30
Bromochloromethane	80		75		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-8 WG1481845-9								
2,2-Dichloropropane	96		90		70-130	6		30
1,2-Dibromoethane	88		86		70-130	2		30
1,3-Dichloropropane	102		99		69-130	3		30
1,1,1,2-Tetrachloroethane	100		95		70-130	5		30
Bromobenzene	91		93		70-130	2		30
n-Butylbenzene	119		115		70-130	3		30
sec-Butylbenzene	110		106		70-130	4		30
tert-Butylbenzene	103		101		70-130	2		30
o-Chlorotoluene	111		109		70-130	2		30
p-Chlorotoluene	110		109		70-130	1		30
1,2-Dibromo-3-chloropropane	82		85		68-130	4		30
Hexachlorobutadiene	85		84		67-130	1		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	104		102		70-130	2		30
Naphthalene	83		88		70-130	6		30
Acrylonitrile	85		86		70-130	1		30
n-Propylbenzene	110		107		70-130	3		30
1,2,3-Trichlorobenzene	82		84		70-130	2		30
1,2,4-Trichlorobenzene	85		85		70-130	0		30
1,3,5-Trimethylbenzene	105		103		70-130	2		30
1,2,4-Trimethylbenzene	106		103		70-130	3		30
1,4-Dioxane	93		89		65-136	4		30
p-Diethylbenzene	108		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1481845-8 WG1481845-9								
p-Ethyltoluene	108		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		96		70-130	0		30
Ethyl ether	83		82		67-130	1		30
trans-1,4-Dichloro-2-butene	116		117		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	104		107		70-130
Dibromofluoromethane	96		94		70-130

SEMIVOLATILES

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 RE\D
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/21 03:23
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/25/21 19:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		ug/kg	1400	180	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	320	10
1,3-Dichlorobenzene	ND		ug/kg	1800	310	10
1,4-Dichlorobenzene	ND		ug/kg	1800	310	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	20000		ug/kg	1100	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5100	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	1100	J	ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	ND		ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	610	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 RE\D Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1800	160	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	8500		ug/kg	1100	200	10
Benzo(a)pyrene	7100		ug/kg	1400	440	10
Benzo(b)fluoranthene	9300		ug/kg	1100	300	10
Benzo(k)fluoranthene	3000		ug/kg	1100	290	10
Chrysene	8300		ug/kg	1100	190	10
Acenaphthylene	750	J	ug/kg	1400	280	10
Anthracene	3600		ug/kg	1100	350	10
Benzo(ghi)perylene	4500		ug/kg	1400	210	10
Fluorene	1100	J	ug/kg	1800	170	10
Phenanthrene	18000		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	1000	J	ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	4700		ug/kg	1400	250	10
Pyrene	18000		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	420	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	340	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	740	10
Dibenzofuran	1200	J	ug/kg	1800	170	10
2-Methylnaphthalene	550	J	ug/kg	2100	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3900	670	10
4-Nitrophenol	ND		ug/kg	2500	730	10
2,4-Dinitrophenol	ND		ug/kg	8600	830	10
4,6-Dinitro-o-cresol	ND		ug/kg	4600	860	10
Pentachlorophenol	ND		ug/kg	1400	390	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 RE\D Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Benzoic Acid	ND		ug/kg	5800	1800	10
Benzyl Alcohol	ND		ug/kg	1800	550	10
Carbazole	1400	J	ug/kg	1800	170	10
1,4-Dioxane	ND		ug/kg	270	82.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**10**	Q	25-120
Phenol-d6	41		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	71		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/21 02:13
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2700		ug/kg	1500	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	210	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	250	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	330	10
1,3-Dichlorobenzene	ND		ug/kg	1800	320	10
1,4-Dichlorobenzene	ND		ug/kg	1800	320	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	490	10
2,4-Dinitrotoluene	ND		ug/kg	1800	370	10
2,6-Dinitrotoluene	ND		ug/kg	1800	320	10
Fluoranthene	40000		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	180	10
Hexachlorobutadiene	ND		ug/kg	1800	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5300	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1600	240	10
Naphthalene	2100		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	640	10
Butyl benzyl phthalate	ND		ug/kg	1800	460	10
Di-n-butylphthalate	ND		ug/kg	1800	350	10
Di-n-octylphthalate	ND		ug/kg	1800	620	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	390	10
Benzo(a)anthracene	18000		ug/kg	1100	210	10
Benzo(a)pyrene	14000		ug/kg	1500	450	10
Benzo(b)fluoranthene	19000		ug/kg	1100	310	10
Benzo(k)fluoranthene	5800		ug/kg	1100	290	10
Chrysene	17000		ug/kg	1100	190	10
Acenaphthylene	1900		ug/kg	1500	280	10
Anthracene	8000		ug/kg	1100	360	10
Benzo(ghi)perylene	9200		ug/kg	1500	220	10
Fluorene	2500		ug/kg	1800	180	10
Phenanthrene	38000		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	2100		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	9700		ug/kg	1500	260	10
Pyrene	36000		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4200	430	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	350	10
4-Nitroaniline	ND		ug/kg	1800	760	10
Dibenzofuran	2500		ug/kg	1800	170	10
2-Methylnaphthalene	1100	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	350	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	220	10
2,4-Dichlorophenol	ND		ug/kg	1600	300	10
2,4-Dimethylphenol	ND		ug/kg	1800	610	10
2-Nitrophenol	ND		ug/kg	4000	690	10
4-Nitrophenol	ND		ug/kg	2600	750	10
2,4-Dinitrophenol	ND		ug/kg	8800	860	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	880	10
Pentachlorophenol	ND		ug/kg	1500	400	10
Phenol	ND		ug/kg	1800	280	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	290	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 D Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	350	10
Benzoic Acid	ND		ug/kg	6000	1900	10
Benzyl Alcohol	ND		ug/kg	1800	560	10
Carbazole	2900		ug/kg	1800	180	10
1,4-Dioxane	ND		ug/kg	280	85.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**18**	Q	25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	66		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03 D
Client ID: SB04_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/21 02:36
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3800		ug/kg	1500	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	340	10
1,3-Dichlorobenzene	ND		ug/kg	1900	320	10
1,4-Dichlorobenzene	ND		ug/kg	1900	330	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Fluoranthene	46000		ug/kg	1100	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	1300	J	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	650	10
Butyl benzyl phthalate	ND		ug/kg	1900	480	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	640	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03 D Date Collected: 03/20/21 12:10

Client ID: SB04_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	170	10
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	21000		ug/kg	1100	210	10
Benzo(a)pyrene	16000		ug/kg	1500	460	10
Benzo(b)fluoranthene	21000		ug/kg	1100	320	10
Benzo(k)fluoranthene	7100		ug/kg	1100	300	10
Chrysene	18000		ug/kg	1100	200	10
Acenaphthylene	2200		ug/kg	1500	290	10
Anthracene	11000		ug/kg	1100	370	10
Benzo(ghi)perylene	9500		ug/kg	1500	220	10
Fluorene	3900		ug/kg	1900	180	10
Phenanthrene	43000		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	2400		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	10000		ug/kg	1500	260	10
Pyrene	40000		ug/kg	1100	190	10
Biphenyl	480	J	ug/kg	4300	440	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	780	10
Dibenzofuran	2800		ug/kg	1900	180	10
2-Methylnaphthalene	1400	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4100	710	10
4-Nitrophenol	ND		ug/kg	2600	770	10
2,4-Dinitrophenol	ND		ug/kg	9100	880	10
4,6-Dinitro-o-cresol	ND		ug/kg	4900	910	10
Pentachlorophenol	ND		ug/kg	1500	420	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	300	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03 D
Client ID: SB04_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Benzoic Acid	ND		ug/kg	6100	1900	10
Benzyl Alcohol	ND		ug/kg	1900	580	10
Carbazole	2500		ug/kg	1900	180	10
1,4-Dioxane	ND		ug/kg	280	87.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	75		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 16:39
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	100	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04 Date Collected: 03/20/21 14:10

Client ID: SB03_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	99	J	ug/kg	120	23.	1
Benzo(a)pyrene	120	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	150		ug/kg	120	34.	1
Benzo(k)fluoranthene	51	J	ug/kg	120	32.	1
Chrysene	110	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	95	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	38	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	91	J	ug/kg	160	28.	1
Pyrene	100	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04 Date Collected: 03/20/21 14:10

Client ID: SB03_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05
Client ID: SB03_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:20
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 16:04
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05 Date Collected: 03/20/21 14:20

Client ID: SB03_9-11 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05 Date Collected: 03/20/21 14:20

Client ID: SB03_9-11 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	68		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D2
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/21 01:25
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	120000		ug/kg	5800	1200	50
Pyrene	84000		ug/kg	5800	970	50

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/21 01:49
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1900		ug/kg	1600	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	350	10
1,3-Dichlorobenzene	ND		ug/kg	1900	330	10
1,4-Dichlorobenzene	ND		ug/kg	1900	340	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	520	10
2,4-Dinitrotoluene	ND		ug/kg	1900	390	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Fluoranthene	73000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	5400		ug/kg	1900	240	10
Nitrobenzene	ND		ug/kg	1700	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	670	10
Butyl benzyl phthalate	ND		ug/kg	1900	490	10
Di-n-butylphthalate	ND		ug/kg	1900	370	10
Di-n-octylphthalate	ND		ug/kg	1900	660	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D Date Collected: 03/20/21 15:30

Client ID: SB02_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	180	10
Dimethyl phthalate	ND		ug/kg	1900	410	10
Benzo(a)anthracene	25000		ug/kg	1200	220	10
Benzo(a)pyrene	13000		ug/kg	1600	470	10
Benzo(b)fluoranthene	21000		ug/kg	1200	330	10
Benzo(k)fluoranthene	7100		ug/kg	1200	310	10
Chrysene	26000		ug/kg	1200	200	10
Acenaphthylene	12000		ug/kg	1600	300	10
Anthracene	14000		ug/kg	1200	380	10
Benzo(ghi)perylene	11000		ug/kg	1600	230	10
Fluorene	4000		ug/kg	1900	190	10
Phenanthrene	120000	E	ug/kg	1200	240	10
Dibenzo(a,h)anthracene	2100		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	11000		ug/kg	1600	270	10
Pyrene	89000	E	ug/kg	1200	190	10
Biphenyl	1100	J	ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	370	10
4-Nitroaniline	ND		ug/kg	1900	800	10
Dibenzofuran	2000		ug/kg	1900	180	10
2-Methylnaphthalene	2200	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	1900	290	10
2-Chlorophenol	ND		ug/kg	1900	230	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	790	10
2,4-Dinitrophenol	ND		ug/kg	9300	900	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	930	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D Date Collected: 03/20/21 15:30

Client ID: SB02_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	370	10
Benzoic Acid	ND		ug/kg	6300	2000	10
Benzyl Alcohol	ND		ug/kg	1900	590	10
Carbazole	1900		ug/kg	1900	190	10
1,4-Dioxane	ND		ug/kg	290	89.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	61		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08
Client ID: SB02_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:35
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 17:03
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	230		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08 Date Collected: 03/20/21 15:35

Client ID: SB02_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	91	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	44	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	58	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	220		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	160	27.	1
Pyrene	220		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08 Date Collected: 03/20/21 15:35

Client ID: SB02_7-9 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	70		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/25/21 17:27
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	240		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10 Date Collected: 03/20/21 00:00

Client ID: SODUP02_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	130		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	52	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	44	J	ug/kg	120	38.	1
Benzo(ghi)perylene	70	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	180		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	160	27.	1
Pyrene	200		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10 Date Collected: 03/20/21 00:00

Client ID: SODUP02_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	71		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08,10 Batch: WG1478360-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08,10 Batch: WG1478360-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 18:22
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 16:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08,10 Batch: WG1478360-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	91		18-120

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 19:33
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/25/21 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478510-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 19:33
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/25/21 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478510-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/21 19:33
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 03/25/21 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478510-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	92		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08,10 Batch: WG1478360-2 WG1478360-3								
Acenaphthene	85		82		31-137	4		50
1,2,4-Trichlorobenzene	87		83		38-107	5		50
Hexachlorobenzene	90		83		40-140	8		50
Bis(2-chloroethyl)ether	78		76		40-140	3		50
2-Chloronaphthalene	89		82		40-140	8		50
1,2-Dichlorobenzene	79		77		40-140	3		50
1,3-Dichlorobenzene	76		74		40-140	3		50
1,4-Dichlorobenzene	80		77		28-104	4		50
3,3'-Dichlorobenzidine	90		82		40-140	9		50
2,4-Dinitrotoluene	100		91		40-132	9		50
2,6-Dinitrotoluene	87		82		40-140	6		50
Fluoranthene	86		81		40-140	6		50
4-Chlorophenyl phenyl ether	88		81		40-140	8		50
4-Bromophenyl phenyl ether	90		84		40-140	7		50
Bis(2-chloroisopropyl)ether	98		94		40-140	4		50
Bis(2-chloroethoxy)methane	85		81		40-117	5		50
Hexachlorobutadiene	84		81		40-140	4		50
Hexachlorocyclopentadiene	56		55		40-140	2		50
Hexachloroethane	80		77		40-140	4		50
Isophorone	91		85		40-140	7		50
Naphthalene	82		80		40-140	2		50
Nitrobenzene	92		86		40-140	7		50
NDPA/DPA	88		83		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08,10 Batch: WG1478360-2 WG1478360-3								
n-Nitrosodi-n-propylamine	91		87		32-121	4		50
Bis(2-ethylhexyl)phthalate	110		99		40-140	11		50
Butyl benzyl phthalate	99		92		40-140	7		50
Di-n-butylphthalate	101		93		40-140	8		50
Di-n-octylphthalate	98		90		40-140	9		50
Diethyl phthalate	93		86		40-140	8		50
Dimethyl phthalate	93		85		40-140	9		50
Benzo(a)anthracene	90		84		40-140	7		50
Benzo(a)pyrene	91		90		40-140	1		50
Benzo(b)fluoranthene	90		88		40-140	2		50
Benzo(k)fluoranthene	89		86		40-140	3		50
Chrysene	88		83		40-140	6		50
Acenaphthylene	87		81		40-140	7		50
Anthracene	88		83		40-140	6		50
Benzo(ghi)perylene	89		86		40-140	3		50
Fluorene	85		80		40-140	6		50
Phenanthrene	84		82		40-140	2		50
Dibenzo(a,h)anthracene	89		88		40-140	1		50
Indeno(1,2,3-cd)pyrene	90		87		40-140	3		50
Pyrene	85		79		35-142	7		50
Biphenyl	83		78		37-127	6		50
4-Chloroaniline	84		81		40-140	4		50
2-Nitroaniline	101		94		47-134	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08,10 Batch: WG1478360-2 WG1478360-3								
3-Nitroaniline	85		79		26-129	7		50
4-Nitroaniline	88		81		41-125	8		50
Dibenzofuran	86		82		40-140	5		50
2-Methylnaphthalene	84		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	82		78		40-117	5		50
Acetophenone	85		82		14-144	4		50
2,4,6-Trichlorophenol	91		83		30-130	9		50
p-Chloro-m-cresol	92		86		26-103	7		50
2-Chlorophenol	84		81		25-102	4		50
2,4-Dichlorophenol	91		88		30-130	3		50
2,4-Dimethylphenol	92		86		30-130	7		50
2-Nitrophenol	98		94		30-130	4		50
4-Nitrophenol	97		90		11-114	7		50
2,4-Dinitrophenol	67		65		4-130	3		50
4,6-Dinitro-o-cresol	78		73		10-130	7		50
Pentachlorophenol	70		66		17-109	6		50
Phenol	80		75		26-90	6		50
2-Methylphenol	89		85		30-130.	5		50
3-Methylphenol/4-Methylphenol	86		84		30-130	2		50
2,4,5-Trichlorophenol	92		85		30-130	8		50
Benzoic Acid	47		55		10-110	16		50
Benzyl Alcohol	92		88		40-140	4		50
Carbazole	87		81		54-128	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08,10 Batch: WG1478360-2 WG1478360-3								
1,4-Dioxane	58		57		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		78		25-120
Phenol-d6	87		83		10-120
Nitrobenzene-d5	88		84		23-120
2-Fluorobiphenyl	87		82		30-120
2,4,6-Tribromophenol	94		87		10-136
4-Terphenyl-d14	89		81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478510-2 WG1478510-3								
Acenaphthene	80		82		31-137	2		50
1,2,4-Trichlorobenzene	81		83		38-107	2		50
Hexachlorobenzene	84		84		40-140	0		50
Bis(2-chloroethyl)ether	72		75		40-140	4		50
2-Chloronaphthalene	83		84		40-140	1		50
1,2-Dichlorobenzene	73		77		40-140	5		50
1,3-Dichlorobenzene	73		75		40-140	3		50
1,4-Dichlorobenzene	72		76		28-104	5		50
3,3'-Dichlorobenzidine	82		82		40-140	0		50
2,4-Dinitrotoluene	90		92		40-132	2		50
2,6-Dinitrotoluene	83		83		40-140	0		50
Fluoranthene	81		80		40-140	1		50
4-Chlorophenyl phenyl ether	82		83		40-140	1		50
4-Bromophenyl phenyl ether	83		83		40-140	0		50
Bis(2-chloroisopropyl)ether	92		95		40-140	3		50
Bis(2-chloroethoxy)methane	78		82		40-117	5		50
Hexachlorobutadiene	79		81		40-140	3		50
Hexachlorocyclopentadiene	56		57		40-140	2		50
Hexachloroethane	76		78		40-140	3		50
Isophorone	82		86		40-140	5		50
Naphthalene	78		78		40-140	0		50
Nitrobenzene	84		88		40-140	5		50
NDPA/DPA	84		83		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478510-2 WG1478510-3								
n-Nitrosodi-n-propylamine	84		89		32-121	6		50
Bis(2-ethylhexyl)phthalate	97		101		40-140	4		50
Butyl benzyl phthalate	92		90		40-140	2		50
Di-n-butylphthalate	94		94		40-140	0		50
Di-n-octylphthalate	90		92		40-140	2		50
Diethyl phthalate	85		86		40-140	1		50
Dimethyl phthalate	86		87		40-140	1		50
Benzo(a)anthracene	84		85		40-140	1		50
Benzo(a)pyrene	89		86		40-140	3		50
Benzo(b)fluoranthene	88		86		40-140	2		50
Benzo(k)fluoranthene	84		84		40-140	0		50
Chrysene	82		84		40-140	2		50
Acenaphthylene	81		82		40-140	1		50
Anthracene	82		84		40-140	2		50
Benzo(ghi)perylene	85		84		40-140	1		50
Fluorene	80		79		40-140	1		50
Phenanthrene	80		81		40-140	1		50
Dibenzo(a,h)anthracene	86		85		40-140	1		50
Indeno(1,2,3-cd)pyrene	85		86		40-140	1		50
Pyrene	80		79		35-142	1		50
Biphenyl	78		78		37-127	0		50
4-Chloroaniline	77		74		40-140	4		50
2-Nitroaniline	94		96		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478510-2 WG1478510-3								
3-Nitroaniline	81		76		26-129	6		50
4-Nitroaniline	85		84		41-125	1		50
Dibenzofuran	80		80		40-140	0		50
2-Methylnaphthalene	79		81		40-140	3		50
1,2,4,5-Tetrachlorobenzene	77		77		40-117	0		50
Acetophenone	79		82		14-144	4		50
2,4,6-Trichlorophenol	85		85		30-130	0		50
p-Chloro-m-cresol	85		87		26-103	2		50
2-Chlorophenol	78		82		25-102	5		50
2,4-Dichlorophenol	86		90		30-130	5		50
2,4-Dimethylphenol	84		88		30-130	5		50
2-Nitrophenol	89		93		30-130	4		50
4-Nitrophenol	90		89		11-114	1		50
2,4-Dinitrophenol	66		69		4-130	4		50
4,6-Dinitro-o-cresol	72		75		10-130	4		50
Pentachlorophenol	65		67		17-109	3		50
Phenol	74		78		26-90	5		50
2-Methylphenol	82		88		30-130.	7		50
3-Methylphenol/4-Methylphenol	80		86		30-130	7		50
2,4,5-Trichlorophenol	84		87		30-130	4		50
Benzoic Acid	68		70		10-110	3		50
Benzyl Alcohol	86		90		40-140	5		50
Carbazole	81		81		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478510-2 WG1478510-3								
1,4-Dioxane	56		59		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		81		25-120
Phenol-d6	82		87		10-120
Nitrobenzene-d5	81		86		23-120
2-Fluorobiphenyl	82		84		30-120
2,4,6-Tribromophenol	89		89		10-136
4-Terphenyl-d14	84		83		18-120

PCBS

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/21 10:35
Analyst: CW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.59	1	A
Aroclor 1232	ND		ug/kg	35.8	7.60	1	A
Aroclor 1242	ND		ug/kg	35.8	4.83	1	A
Aroclor 1248	ND		ug/kg	35.8	5.37	1	A
Aroclor 1254	ND		ug/kg	35.8	3.92	1	A
Aroclor 1260	ND		ug/kg	35.8	6.62	1	A
Aroclor 1262	ND		ug/kg	35.8	4.55	1	A
Aroclor 1268	ND		ug/kg	35.8	3.71	1	A
PCBs, Total	ND		ug/kg	35.8	3.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/21 10:42
Analyst: CW
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.4	3.50	1	A
Aroclor 1221	ND		ug/kg	39.4	3.95	1	A
Aroclor 1232	ND		ug/kg	39.4	8.36	1	A
Aroclor 1242	ND		ug/kg	39.4	5.31	1	A
Aroclor 1248	ND		ug/kg	39.4	5.91	1	A
Aroclor 1254	ND		ug/kg	39.4	4.31	1	A
Aroclor 1260	ND		ug/kg	39.4	7.28	1	A
Aroclor 1262	ND		ug/kg	39.4	5.01	1	A
Aroclor 1268	ND		ug/kg	39.4	4.08	1	A
PCBs, Total	ND		ug/kg	39.4	3.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/21 10:56
Analyst: CW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.67	1	A
Aroclor 1232	ND		ug/kg	36.7	7.77	1	A
Aroclor 1242	ND		ug/kg	36.7	4.94	1	A
Aroclor 1248	ND		ug/kg	36.7	5.50	1	A
Aroclor 1254	ND		ug/kg	36.7	4.01	1	A
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	ND		ug/kg	36.7	3.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/21 10:49
Analyst: CW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.39	1	A
Aroclor 1221	ND		ug/kg	38.2	3.83	1	A
Aroclor 1232	ND		ug/kg	38.2	8.10	1	A
Aroclor 1242	ND		ug/kg	38.2	5.15	1	A
Aroclor 1248	ND		ug/kg	38.2	5.73	1	A
Aroclor 1254	ND		ug/kg	38.2	4.18	1	A
Aroclor 1260	ND		ug/kg	38.2	7.06	1	A
Aroclor 1262	ND		ug/kg	38.2	4.85	1	A
Aroclor 1268	ND		ug/kg	38.2	3.96	1	A
PCBs, Total	ND		ug/kg	38.2	3.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/25/21 09:45
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 03/24/21 18:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1478430-1						
Aroclor 1016	ND		ug/kg	32.5	2.89	A
Aroclor 1221	ND		ug/kg	32.5	3.26	A
Aroclor 1232	ND		ug/kg	32.5	6.89	A
Aroclor 1242	ND		ug/kg	32.5	4.38	A
Aroclor 1248	ND		ug/kg	32.5	4.88	A
Aroclor 1254	ND		ug/kg	32.5	3.56	A
Aroclor 1260	ND		ug/kg	32.5	6.01	A
Aroclor 1262	ND		ug/kg	32.5	4.13	A
Aroclor 1268	ND		ug/kg	32.5	3.37	A
PCBs, Total	ND		ug/kg	32.5	2.89	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1478430-2 WG1478430-3									
Aroclor 1016	71		42		40-140	**51**	Q	50	A
Aroclor 1260	71		43		40-140	49		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		42		30-150	A
Decachlorobiphenyl	73		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		40		30-150	B
Decachlorobiphenyl	62		38		30-150	B

PESTICIDES

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/21 12:44
Analyst: AR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.17	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.985	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02 Date Collected: 03/20/21 12:00

Client ID: SB04_1-3 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**267**	Q	30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	**485**	Q	30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/24/21 10:36
Analyst: AR
Percent Solids: 91%
Methylation Date: 03/24/21 04:55

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	94		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/21 12:56
Analyst: AR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.934	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	ND		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	ND		ug/kg	3.50	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.81	1	A
cis-Chlordane	ND		ug/kg	2.34	0.651	1	A
trans-Chlordane	ND		ug/kg	2.34	0.616	1	A
Chlordane	ND		ug/kg	15.6	6.19	1	A

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04 Date Collected: 03/20/21 14:10

Client ID: SB03_4-6 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/24/21 10:54
Analyst: AR
Percent Solids: 81%
Methylation Date: 03/24/21 04:55

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.7	1	A
2,4,5-T	ND		ug/kg	201	6.24	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	91		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/21 15:58
Analyst: AR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	183	35.8	100	A
Lindane	ND		ug/kg	76.2	34.1	100	A
Alpha-BHC	ND		ug/kg	76.2	21.6	100	A
Beta-BHC	ND		ug/kg	183	69.4	100	A
Heptachlor	ND		ug/kg	91.5	41.0	100	A
Aldrin	ND		ug/kg	183	64.4	100	A
Heptachlor epoxide	ND		ug/kg	343	103.	100	A
Endrin	ND		ug/kg	76.2	31.3	100	A
Endrin aldehyde	ND		ug/kg	229	80.1	100	A
Endrin ketone	ND		ug/kg	183	47.1	100	A
Dieldrin	ND		ug/kg	114	57.2	100	A
4,4'-DDE	ND		ug/kg	183	42.3	100	A
4,4'-DDD	730		ug/kg	183	65.3	100	A
4,4'-DDT	ND		ug/kg	343	147.	100	A
Endosulfan I	ND		ug/kg	183	43.2	100	A
Endosulfan II	ND		ug/kg	183	61.2	100	A
Endosulfan sulfate	ND		ug/kg	76.2	36.3	100	A
Methoxychlor	ND		ug/kg	343	107.	100	A
Toxaphene	ND		ug/kg	3430	961.	100	A
cis-Chlordane	ND		ug/kg	229	63.7	100	A
trans-Chlordane	ND		ug/kg	229	60.4	100	A
Chlordane	ND		ug/kg	1520	606.	100	A

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07 D
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/24/21 12:44
Analyst: AR
Percent Solids: 86%
Methylation Date: 03/24/21 04:55

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	9520	600.	50	A
2,4,5-T	ND		ug/kg	9520	295.	50	A
2,4,5-TP (Silvex)	ND		ug/kg	9520	253.	50	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	**0**	Q	30-150	A
DCAA	**0**	Q	30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/21 13:21
Analyst: AR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.418	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	3.39	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	ND		ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.597	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10 Date Collected: 03/20/21 00:00

Client ID: SODUP02_032021 Date Received: 03/20/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/24/21 11:31
Analyst: AR
Percent Solids: 84%
Methylation Date: 03/24/21 04:55

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	98		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/24/21 09:23
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:41

Methylation Date: 03/24/21 04:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1477410-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	77		30-150	B

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/21 11:03
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1478441-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.775	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.969	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.91	0.904	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/21 11:03
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 03/24/21 19:50
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1478441-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1477410-2 WG1477410-3									
2,4-D	85		83		30-150	2		30	A
2,4,5-T	79		78		30-150	1		30	A
2,4,5-TP (Silvex)	76		75		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	83		82		30-150	A
DCAA	97		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1478441-2 WG1478441-3									
Delta-BHC	74		69		30-150	7		30	A
Lindane	73		68		30-150	7		30	A
Alpha-BHC	80		74		30-150	8		30	A
Beta-BHC	80		75		30-150	6		30	A
Heptachlor	71		67		30-150	6		30	A
Aldrin	69		64		30-150	8		30	A
Heptachlor epoxide	68		62		30-150	9		30	A
Endrin	74		66		30-150	11		30	A
Endrin aldehyde	68		60		30-150	13		30	A
Endrin ketone	74		68		30-150	8		30	A
Dieldrin	74		66		30-150	11		30	A
4,4'-DDE	67		60		30-150	11		30	A
4,4'-DDD	77		67		30-150	14		30	A
4,4'-DDT	77		67		30-150	14		30	A
Endosulfan I	69		62		30-150	11		30	A
Endosulfan II	73		64		30-150	13		30	A
Endosulfan sulfate	63		56		30-150	12		30	A
Methoxychlor	72		64		30-150	12		30	A
cis-Chlordane	61		55		30-150	10		30	A
trans-Chlordane	70		63		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1478441-2 WG1478441-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	A
Decachlorobiphenyl	57		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	B
Decachlorobiphenyl	91		83		30-150	B

METALS

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3280		mg/kg	8.70	2.35	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.35	0.331	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Arsenic, Total	10.9		mg/kg	0.870	0.181	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Barium, Total	105		mg/kg	0.870	0.151	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Beryllium, Total	0.357	J	mg/kg	0.435	0.029	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Cadmium, Total	8.13		mg/kg	0.870	0.085	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Calcium, Total	16500		mg/kg	8.70	3.04	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Chromium, Total	10.7		mg/kg	0.870	0.084	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Cobalt, Total	4.97		mg/kg	1.74	0.144	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Copper, Total	48.4		mg/kg	0.870	0.224	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Iron, Total	9010		mg/kg	4.35	0.786	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Lead, Total	316		mg/kg	4.35	0.233	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Magnesium, Total	1560		mg/kg	8.70	1.34	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Manganese, Total	98.4		mg/kg	0.870	0.138	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Mercury, Total	0.454		mg/kg	0.069	0.045	1	03/23/21 09:00	03/25/21 13:27	EPA 7471B	1,7471B	EW
Nickel, Total	23.4		mg/kg	2.18	0.210	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Potassium, Total	880		mg/kg	218	12.5	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Selenium, Total	1.63	J	mg/kg	1.74	0.224	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.870	0.246	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Sodium, Total	358		mg/kg	174	2.74	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.74	0.274	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Vanadium, Total	15.8		mg/kg	0.870	0.177	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
Zinc, Total	451		mg/kg	4.35	0.255	2	03/23/21 07:45	03/24/21 23:23	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	10	J	mg/kg	0.88	0.88	1		03/24/21 23:23	NA	107,-	

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03
Client ID: SB04_7-9
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 12:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3830		mg/kg	8.80	2.38	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Antimony, Total	2.68	J	mg/kg	4.40	0.334	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Arsenic, Total	5.18		mg/kg	0.880	0.183	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Barium, Total	71.7		mg/kg	0.880	0.153	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Beryllium, Total	0.150	J	mg/kg	0.440	0.029	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Cadmium, Total	1.02		mg/kg	0.880	0.086	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Calcium, Total	37200		mg/kg	8.80	3.08	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Chromium, Total	21.8		mg/kg	0.880	0.085	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Cobalt, Total	4.44		mg/kg	1.76	0.146	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Copper, Total	30.6		mg/kg	0.880	0.227	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Iron, Total	26700		mg/kg	4.40	0.795	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Lead, Total	484		mg/kg	4.40	0.236	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Magnesium, Total	8470		mg/kg	8.80	1.36	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Manganese, Total	362		mg/kg	0.880	0.140	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Mercury, Total	0.487		mg/kg	0.071	0.046	1	03/23/21 09:00	03/25/21 13:37	EPA 7471B	1,7471B	EW
Nickel, Total	11.4		mg/kg	2.20	0.213	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Potassium, Total	1170		mg/kg	220	12.7	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Selenium, Total	1.79		mg/kg	1.76	0.227	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.880	0.249	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Sodium, Total	436		mg/kg	176	2.77	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Thallium, Total	0.378	J	mg/kg	1.76	0.277	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Vanadium, Total	14.0		mg/kg	0.880	0.179	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV
Zinc, Total	144		mg/kg	4.40	0.258	2	03/23/21 07:45	03/24/21 23:50	EPA 3050B	1,6010D	BV

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6810		mg/kg	9.72	2.62	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Antimony, Total	4.76	J	mg/kg	4.86	0.369	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Arsenic, Total	7.78		mg/kg	0.972	0.202	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Barium, Total	59.6		mg/kg	0.972	0.169	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Beryllium, Total	0.340	J	mg/kg	0.486	0.032	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Cadmium, Total	0.836	J	mg/kg	0.972	0.095	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Calcium, Total	3650		mg/kg	9.72	3.40	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Chromium, Total	12.0		mg/kg	0.972	0.093	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Cobalt, Total	5.57		mg/kg	1.94	0.161	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Copper, Total	97.7		mg/kg	0.972	0.251	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Iron, Total	15200		mg/kg	4.86	0.878	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Lead, Total	143		mg/kg	4.86	0.260	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Magnesium, Total	1730		mg/kg	9.72	1.50	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Manganese, Total	498		mg/kg	0.972	0.154	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Mercury, Total	0.702		mg/kg	0.077	0.050	1	03/23/21 09:00	03/25/21 13:40	EPA 7471B	1,7471B	EW
Nickel, Total	10.2		mg/kg	2.43	0.235	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Potassium, Total	706		mg/kg	243	14.0	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Selenium, Total	0.748	J	mg/kg	1.94	0.251	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.972	0.275	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Sodium, Total	579		mg/kg	194	3.06	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Thallium, Total	0.389	J	mg/kg	1.94	0.306	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Vanadium, Total	19.0		mg/kg	0.972	0.197	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
Zinc, Total	122		mg/kg	4.86	0.285	2	03/23/21 07:45	03/24/21 23:55	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.98	0.98	1		03/24/21 23:55	NA	107,-	

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05
Client ID: SB03_9-11
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 14:20
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9130		mg/kg	9.37	2.53	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.68	0.356	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Arsenic, Total	3.53		mg/kg	0.937	0.195	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Barium, Total	31.5		mg/kg	0.937	0.163	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Beryllium, Total	0.318	J	mg/kg	0.468	0.031	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Cadmium, Total	0.309	J	mg/kg	0.937	0.092	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Calcium, Total	1960		mg/kg	9.37	3.28	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Chromium, Total	14.2		mg/kg	0.937	0.090	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Cobalt, Total	4.94		mg/kg	1.87	0.155	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Copper, Total	14.1		mg/kg	0.937	0.242	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Iron, Total	14400		mg/kg	4.68	0.846	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Lead, Total	15.9		mg/kg	4.68	0.251	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Magnesium, Total	2290		mg/kg	9.37	1.44	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Manganese, Total	107		mg/kg	0.937	0.149	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Mercury, Total	0.059	J	mg/kg	0.075	0.049	1	03/23/21 09:00	03/25/21 13:43	EPA 7471B	1,7471B	EW
Nickel, Total	11.5		mg/kg	2.34	0.227	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Potassium, Total	719		mg/kg	234	13.5	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.87	0.242	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.937	0.265	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Sodium, Total	201		mg/kg	187	2.95	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.87	0.295	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Vanadium, Total	20.4		mg/kg	0.937	0.190	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV
Zinc, Total	32.9		mg/kg	4.68	0.274	2	03/23/21 07:45	03/25/21 00:00	EPA 3050B	1,6010D	BV

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8190		mg/kg	9.04	2.44	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.52	0.344	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Arsenic, Total	3.60		mg/kg	0.904	0.188	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Barium, Total	29.7		mg/kg	0.904	0.157	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Beryllium, Total	0.416	J	mg/kg	0.452	0.030	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Cadmium, Total	0.280	J	mg/kg	0.904	0.089	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Calcium, Total	635		mg/kg	9.04	3.16	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Chromium, Total	11.6		mg/kg	0.904	0.087	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Cobalt, Total	4.98		mg/kg	1.81	0.150	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Copper, Total	7.37		mg/kg	0.904	0.233	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Iron, Total	14300		mg/kg	4.52	0.816	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Lead, Total	13.2		mg/kg	4.52	0.242	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Magnesium, Total	1540		mg/kg	9.04	1.39	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Manganese, Total	160		mg/kg	0.904	0.144	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Mercury, Total	0.093		mg/kg	0.074	0.048	1	03/23/21 09:00	03/25/21 13:47	EPA 7471B	1,7471B	EW
Nickel, Total	9.52		mg/kg	2.26	0.219	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Potassium, Total	474		mg/kg	226	13.0	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.81	0.233	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.904	0.256	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Sodium, Total	68.9	J	mg/kg	181	2.85	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.81	0.285	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Vanadium, Total	16.6		mg/kg	0.904	0.184	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
Zinc, Total	30.4		mg/kg	4.52	0.265	2	03/23/21 07:45	03/25/21 00:04	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.93	0.93	1		03/25/21 00:04	NA	107,-	

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08
Client ID: SB02_7-9
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 15:35
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7360		mg/kg	8.89	2.40	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.44	0.338	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Arsenic, Total	2.88		mg/kg	0.889	0.185	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Barium, Total	22.4		mg/kg	0.889	0.155	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Beryllium, Total	0.391	J	mg/kg	0.444	0.029	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Cadmium, Total	0.240	J	mg/kg	0.889	0.087	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Calcium, Total	824		mg/kg	8.89	3.11	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Chromium, Total	10.8		mg/kg	0.889	0.085	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Cobalt, Total	4.48		mg/kg	1.78	0.148	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Copper, Total	6.14		mg/kg	0.889	0.229	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Iron, Total	12300		mg/kg	4.44	0.803	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Lead, Total	16.8		mg/kg	4.44	0.238	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Magnesium, Total	1470		mg/kg	8.89	1.37	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Manganese, Total	123		mg/kg	0.889	0.141	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Mercury, Total	0.134		mg/kg	0.074	0.048	1	03/23/21 09:00	03/25/21 13:50	EPA 7471B	1,7471B	EW
Nickel, Total	9.42		mg/kg	2.22	0.215	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Potassium, Total	402		mg/kg	222	12.8	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.78	0.229	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.889	0.252	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Sodium, Total	55.2	J	mg/kg	178	2.80	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.78	0.280	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Vanadium, Total	14.9		mg/kg	0.889	0.180	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV
Zinc, Total	24.7		mg/kg	4.44	0.260	2	03/23/21 07:45	03/25/21 00:09	EPA 3050B	1,6010D	BV

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY
Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5790		mg/kg	9.16	2.47	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.58	0.348	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Arsenic, Total	3.64		mg/kg	0.916	0.190	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Barium, Total	107		mg/kg	0.916	0.159	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Beryllium, Total	0.339	J	mg/kg	0.458	0.030	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Cadmium, Total	0.348	J	mg/kg	0.916	0.090	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Calcium, Total	24500		mg/kg	9.16	3.20	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Chromium, Total	13.7		mg/kg	0.916	0.088	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Cobalt, Total	6.12		mg/kg	1.83	0.152	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Copper, Total	20.3		mg/kg	0.916	0.236	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Iron, Total	12600		mg/kg	4.58	0.827	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Lead, Total	54.4		mg/kg	4.58	0.245	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Magnesium, Total	2860		mg/kg	9.16	1.41	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Manganese, Total	295		mg/kg	0.916	0.146	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Mercury, Total	1.43		mg/kg	0.074	0.048	1	03/23/21 09:00	03/25/21 13:53	EPA 7471B	1,7471B	EW
Nickel, Total	18.6		mg/kg	2.29	0.222	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Potassium, Total	1300		mg/kg	229	13.2	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Selenium, Total	0.275	J	mg/kg	1.83	0.236	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.916	0.259	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Sodium, Total	441		mg/kg	183	2.88	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.83	0.288	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Vanadium, Total	15.6		mg/kg	0.916	0.186	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
Zinc, Total	45.4		mg/kg	4.58	0.268	2	03/23/21 07:45	03/25/21 00:13	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	0.95	0.95	1		03/25/21 00:13	NA	107,-	

Project Name: PRESIDENT STREET **Lab Number:** L2114067

Project Number: 170361303 **Report Date:** 04/05/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-05,07-08,10 Batch: WG1477433-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/23/21 09:00	03/25/21 12:56	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-05,07-08,10 Batch: WG1477434-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Chromium, Total	0.044	J	mg/kg	0.400	0.038	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Iron, Total	0.452	J	mg/kg	2.00	0.361	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Manganese, Total	0.140	J	mg/kg	0.400	0.064	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Potassium, Total	6.92	J	mg/kg	100	5.76	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Sodium, Total	8.22	J	mg/kg	80.0	1.26	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/23/21 07:45	03/24/21 20:02	1,6010D	BV

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 Batch: WG1477433-2 SRM Lot Number: D109-540								
Mercury, Total	98		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 Batch: WG1477434-2 SRM Lot Number: D109-540					
Aluminum, Total	76	-	50-150	-	
Antimony, Total	148	-	19-250	-	
Arsenic, Total	100	-	70-130	-	
Barium, Total	97	-	75-125	-	
Beryllium, Total	98	-	75-125	-	
Cadmium, Total	95	-	75-125	-	
Calcium, Total	101	-	73-128	-	
Chromium, Total	95	-	70-130	-	
Cobalt, Total	95	-	75-125	-	
Copper, Total	94	-	75-125	-	
Iron, Total	106	-	35-165	-	
Lead, Total	93	-	72-128	-	
Magnesium, Total	94	-	62-138	-	
Manganese, Total	97	-	74-126	-	
Nickel, Total	96	-	70-130	-	
Potassium, Total	94	-	59-141	-	
Selenium, Total	100	-	68-132	-	
Silver, Total	99	-	68-131	-	
Sodium, Total	102	-	35-165	-	
Thallium, Total	93	-	68-131	-	
Vanadium, Total	100	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET

Project Number: 170361303

Lab Number: L2114067

Report Date: 04/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 Batch: WG1477434-2 SRM Lot Number: D109-540					
Zinc, Total	97	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477433-3 QC Sample: L2113900-03 Client ID: MS Sample												
Mercury, Total	ND	0.145	0.186	**128**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477434-3 QC Sample: L2113900-03 Client ID: MS Sample										
Aluminum, Total	7160	181	7890	**404**	Q	-	-	75-125	-	20
Antimony, Total	ND	45.2	31.7	**70**	Q	-	-	75-125	-	20
Arsenic, Total	0.335J	10.8	10.2	94		-	-	75-125	-	20
Barium, Total	97.5	181	255	87		-	-	75-125	-	20
Beryllium, Total	0.317J	4.52	4.29	95		-	-	75-125	-	20
Cadmium, Total	0.423J	4.61	4.48	97		-	-	75-125	-	20
Calcium, Total	1350	903	2280	103		-	-	75-125	-	20
Chromium, Total	23.5	18.1	37.5	78		-	-	75-125	-	20
Cobalt, Total	12.1	45.2	48.8	81		-	-	75-125	-	20
Copper, Total	30.3	22.6	47.5	76		-	-	75-125	-	20
Iron, Total	21600	90.3	19300	**0**	Q	-	-	75-125	-	20
Lead, Total	16.0	46.1	56.1	87		-	-	75-125	-	20
Magnesium, Total	3570	903	4380	90		-	-	75-125	-	20
Manganese, Total	441	45.2	427	**0**	Q	-	-	75-125	-	20
Nickel, Total	20.1	45.2	54.5	76		-	-	75-125	-	20
Potassium, Total	4260	903	4900	**71**	Q	-	-	75-125	-	20
Selenium, Total	0.300J	10.8	9.48	87		-	-	75-125	-	20
Silver, Total	ND	27.1	23.1	85		-	-	75-125	-	20
Sodium, Total	175J	903	994	110		-	-	75-125	-	20
Thallium, Total	ND	10.8	8.72	80		-	-	75-125	-	20
Vanadium, Total	32.5	45.2	69.6	82		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477434-3 QC Sample: L2113900-03 Client ID: MS Sample									
Zinc, Total	48.0	45.2	88.6	90	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477433-4 QC Sample: L2113900-03 Client ID: DUP Sample						
Mercury, Total	ND	0.064J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477434-4 QC Sample: L2113900-03 Client ID: DUP Sample						
Aluminum, Total	7160	8220	mg/kg	14		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.335J	0.356J	mg/kg	NC		20
Barium, Total	97.5	101	mg/kg	4		20
Beryllium, Total	0.317J	0.187J	mg/kg	NC		20
Cadmium, Total	0.423J	0.418J	mg/kg	NC		20
Calcium, Total	1350	1500	mg/kg	11		20
Chromium, Total	23.5	24.4	mg/kg	4		20
Cobalt, Total	12.1	11.8	mg/kg	3		20
Copper, Total	30.3	29.5	mg/kg	3		20
Iron, Total	21600	21600	mg/kg	0		20
Lead, Total	16.0	14.1	mg/kg	13		20
Magnesium, Total	3570	4240	mg/kg	17		20
Manganese, Total	441	341	mg/kg	**26**	Q	20
Nickel, Total	20.1	20.6	mg/kg	2		20
Potassium, Total	4260	4880	mg/kg	14		20
Selenium, Total	0.300J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	175J	199	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477434-4 QC Sample: L2113900-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	32.5	32.7	mg/kg	1	20
Zinc, Total	48.0	50.4	mg/kg	5	20

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05,07-08,10 QC Batch ID: WG1477434-6 QC Sample: L2113900-03 Client ID: DUP Sample						
Aluminum, Total	7160	7980	mg/kg	11		20
Barium, Total	97.5	108	mg/kg	11		20
Calcium, Total	1350	1540	mg/kg	14		20
Chromium, Total	23.5	27.0	mg/kg	15		20
Copper, Total	30.3	34.3	mg/kg	13		20
Iron, Total	21600	24800	mg/kg	15		20
Magnesium, Total	3570	4170	mg/kg	17		20
Manganese, Total	441	498	mg/kg	13		20
Vanadium, Total	32.5	36.8	mg/kg	13		20

INORGANICS
&
MISCELLANEOUS

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-02
Client ID: SB04_1-3
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/24/21 11:35	03/24/21 14:30	1,9010C/9012B	CR
Chromium, Hexavalent	0.287	J	mg/kg	0.884	0.177	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-03
Client ID: SB04_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 12:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-04
Client ID: SB03_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:10
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO
Cyanide, Total	ND		mg/kg	1.2	0.24	1	03/24/21 11:35	03/24/21 14:33	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.983	0.196	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-05
Client ID: SB03_9-11
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:20
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-06
Client ID: SB03_19-21
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 14:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-07
Client ID: SB02_4-6
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:30
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO
Cyanide, Total	1.4		mg/kg	1.2	0.24	1	03/24/21 11:35	03/24/21 14:34	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.934	0.187	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-08
Client ID: SB02_7-9
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 15:35
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-09
Client ID: SODUP01_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2114067-10
Client ID: SODUP02_032021
Sample Location: BROOKLYN, NY

Date Collected: 03/20/21 00:00
Date Received: 03/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	03/22/21 10:43	121,2540G	EO
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/24/21 11:35	03/24/21 14:35	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.948	0.190	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Project Name: PRESIDENT STREET
Project Number: 170361303
Lab Number: L2114067
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1478171-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	03/24/21 11:35	03/24/21 14:26	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 02,04,07,10 Batch: WG1478205-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	03/24/21 14:00	03/24/21 23:02	1,7196A	NA

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1478171-2 WG1478171-3								
Cyanide, Total	**71**	Q	**66**	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 02,04,07,10 Batch: WG1478205-2								
Chromium, Hexavalent	93		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04,07,10 QC Batch ID: WG1478171-4 WG1478171-5 QC Sample: L2114067-02 Client ID: SB04_1-3												
Cyanide, Total	ND	11	10	92		11	100		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 02,04,07,10 QC Batch ID: WG1478205-4 QC Sample: L2114067-04 Client ID: SB03_4-6												
Chromium, Hexavalent	ND	863	1020	118		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1477124-1 QC Sample: L2114067-08 Client ID: SB02_7-9						
Solids, Total	85.2	86.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02,04,07,10 QC Batch ID: WG1478205-6 QC Sample: L2114067-04 Client ID: SB03_4-6						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114067-01A	Vial HCl preserved	B	NA		4.5	Y	Absent		NYTCL-8260(14)
L2114067-01B	Vial HCl preserved	B	NA		4.5	Y	Absent		NYTCL-8260(14)
L2114067-02A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-02B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-02C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-02D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2114067-02F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		HEXCR-7196(30)
L2114067-02G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2114067-03A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-03B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-03C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-03D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2114067-03F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-03G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-04A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114067-04B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-04C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-04D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2114067-04F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		HEXCR-7196(30)
L2114067-04G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2114067-05A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-05B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-05C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-05D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2114067-05F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-05G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-05X	Vial MeOH preserved split	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-05Y	Vial Water preserved split	B	NA		4.5	Y	Absent	**24-MAR-21 10:54**	NYTCL-8260HLW(14)
L2114067-05Z	Vial Water preserved split	B	NA		4.5	Y	Absent	**24-MAR-21 10:54**	NYTCL-8260HLW(14)
L2114067-06A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-06B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-06C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-07A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-07B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-07C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-07D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114067-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2114067-07F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		HEXCR-7196(30)
L2114067-07G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2114067-08A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-08B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-08C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-08D	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2114067-08F	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-08G	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		NYTCL-8270(14)
L2114067-08X	Vial MeOH preserved split	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-08Y	Vial Water preserved split	B	NA		4.5	Y	Absent	**24-MAR-21 10:54**	NYTCL-8260HLW(14)
L2114067-08Z	Vial Water preserved split	B	NA		4.5	Y	Absent	**24-MAR-21 10:54**	NYTCL-8260HLW(14)
L2114067-09A	Vial MeOH preserved	B	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2114067-09B	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-09C	Vial water preserved	B	NA		4.5	Y	Absent	21-MAR-21 12:33	NYTCL-8260HLW(14)
L2114067-10A	Plastic 2oz unpreserved for TS	B	NA		4.5	Y	Absent		TS(7)
L2114067-10B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2114067-10C	Glass 120ml/4oz unpreserved	B	NA		4.5	Y	Absent		HEXCR-7196(30)
L2114067-10D	Glass 500ml/16oz unpreserved	B	NA		4.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: PRESIDENT STREET
Project Number: 170361303

Lab Number: L2114067
Report Date: 04/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	PRESIDENT STREET	**Lab Number:**	L2114067
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PRESIDENT STREET	**Lab Number:**	L2114067
Project Number:	170361303	**Report Date:**	04/05/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/20/21

ALPHA Job #: L2114067

Project Information
Project Name: President Street
Project Location: Brooklyn NY
Project # 170361303
(Use Project name as Project #) ☐
Project Manager: Paul McMahon (PMcMahon@langan.com
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Langan
Address: 360 West 31st St
New York NY 10001
Phone: 212 479 5400
Fax: 212 479 5100
Email: vdepaula@langan.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL/375 part VOCs	TCL/TAL/Part 375 SVOCs	PCBs	Pesticides	Herbicides	TAL Metals	Hex trichrom	Cyanide	Sample Specific Comments	Total Bottle
14067 -01	TB02-032021	3/20/21	—	QA	DC	X									
-02	SB04_1-3	3/20/21	1200	S	DC	X	X	X	X	X	X	X	X		
-03	SB04_7-9	3/20/21	1210	S	DC	X	X				X				
-04	SB03_4-6	3/20/21	1410	S	DC	X	X	X	X	X	X	X	X		
-05	SB03_9-11	3/20/21	1420	S	DC	X	X				X				
-06	SB03_19-21	3/20/21	1430	S	DC	X	X	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	HOLD	
-07	SB02_4-6	3/20/21	1530	S	DC	X	X	X	X	X	X	X	X		
-08	SB02_7-9	3/20/21	1535	S	DC	X	X				X				
-09	SO DVP01_032021	3/20/21	—	S	DC	X									
-10	SO DVP02_032021	3/20/21	—	S	DC		X	X	X	X	X	X	X		
					Container Type										
					Preservative										

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Gray Langan	3/21/21 1630	[signature] AAL	3/20/21 1630
[signature] AAL	3/20/21 20:13	Kevin Jones	3/20/21 20:13

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

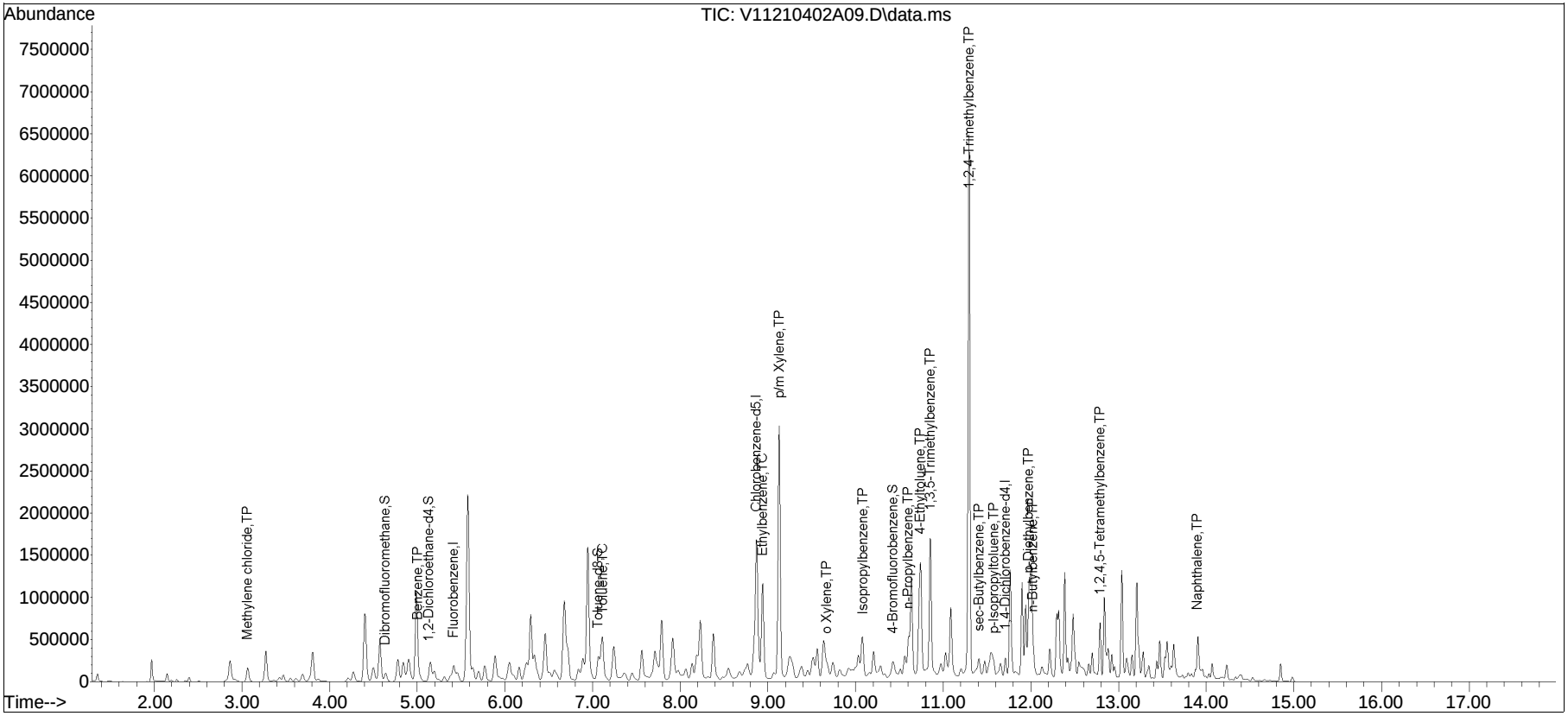
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2021\210402A\
Data File : V11210402A09.D
Acq On : 02 Apr 2021 12:28 pm
Operator : VOA111:JC
Sample : L2114067-06D2,31H,5.29,5,0.010,,A,PRI
Misc : WG1481845,ICAL17722
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 14:29:54 2021
Quant Method : I:\VOLATILES\VOA111\2021\210402A\V111_210314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 15 09:39:02 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10402A\V11210402A01.D•



ANALYTICAL REPORT

Lab Number:	L2114070
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	PRESIDENT ST. (514 UNION)
Project Number:	170361303
Report Date:	03/25/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2114070-01	MW02_032121	WATER	BROOKLYN. NY	03/21/21 13:50	03/21/21
L2114070-02	MW03_032121	WATER	BROOKLYN. NY	03/21/21 14:10	03/21/21
L2114070-03	MW04_032121	WATER	BROOKLYN. NY	03/21/21 09:47	03/21/21
L2114070-04	TB01_032121	WATER	BROOKLYN. NY	03/21/21 00:00	03/21/21

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2114070-03: Sample containers for Total Metals were received for the "MW04_032121" sample, but were not listed on the chain of custody. At the client's request, the analysis was not performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer L Clements

Title: Technical Director/Representative Date: 03/25/21

ORGANICS

VOLATILES

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01 D
Client ID: MW02_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 13:50
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 01:53
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	37		ug/l	2.5	0.80	5
Toluene	3.6	J	ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	170		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	9.0		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01 D
Client ID: MW02_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 13:50
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	140		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	540		ug/l	12	3.5	5
1,2-Dichloroethene, Total	540		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	40		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	4.0	J	ug/l	12	3.5	5

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01 D
Client ID: MW02_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 13:50
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 D
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/25/21 00:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	1200		ug/l	5.0	1.6	10
Toluene	170		ug/l	25	7.0	10
Ethylbenzene	1300		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 D
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	14		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	3500		ug/l	25	7.0	10
o-Xylene	150		ug/l	25	7.0	10
Xylenes, Total	3700		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	48	J	ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	28		ug/l	25	7.0	10
sec-Butylbenzene	20	J	ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	130		ug/l	25	7.0	10
p-Isopropyltoluene	15	J	ug/l	25	7.0	10
Naphthalene	420		ug/l	25	7.0	10

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 D
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	190		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	430		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1500		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	250		ug/l	20	7.0	10
p-Ethyltoluene	880		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	120		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	89		70-130

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 01:31
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	18		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.96	J	ug/l	2.5	0.70	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-04
Client ID: TB01_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 00:00
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/24/21 01:10
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-04 Date Collected: 03/21/21 00:00

Client ID: TB01_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-04 Date Collected: 03/21/21 00:00

Client ID: TB01_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1478294-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1478294-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/23/21 19:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1478294-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478738-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478738-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/24/21 18:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1478738-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1478294-3 WG1478294-4								
Methylene chloride	96		95		70-130	1		20
1,1-Dichloroethane	97		96		70-130	1		20
Chloroform	94		96		70-130	2		20
Carbon tetrachloride	97		100		63-132	3		20
1,2-Dichloropropane	89		94		70-130	5		20
Dibromochloromethane	87		90		63-130	3		20
1,1,2-Trichloroethane	89		91		70-130	2		20
Tetrachloroethene	97		100		70-130	3		20
Chlorobenzene	87		90		75-130	3		20
Trichlorofluoromethane	98		100		62-150	2		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	95		97		67-130	2		20
Bromodichloromethane	89		89		67-130	0		20
trans-1,3-Dichloropropene	88		88		70-130	0		20
cis-1,3-Dichloropropene	90		93		70-130	3		20
1,1-Dichloropropene	90		96		70-130	6		20
Bromoform	76		81		54-136	6		20
1,1,2,2-Tetrachloroethane	82		82		67-130	0		20
Benzene	93		95		70-130	2		20
Toluene	88		91		70-130	3		20
Ethylbenzene	87		92		70-130	6		20
Chloromethane	97		97		64-130	0		20
Bromomethane	84		84		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1478294-3 WG1478294-4								
Vinyl chloride	86		90		55-140	5		20
Chloroethane	83		85		55-138	2		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	88		88		70-130	0		20
Trichloroethene	95		93		70-130	2		20
1,2-Dichlorobenzene	84		83		70-130	1		20
1,3-Dichlorobenzene	86		83		70-130	4		20
1,4-Dichlorobenzene	85		86		70-130	1		20
Methyl tert butyl ether	88		84		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	91		91		70-130	0		20
Dibromomethane	93		93		70-130	0		20
1,2,3-Trichloropropane	84		80		64-130	5		20
Acrylonitrile	90		90		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	86		87		36-147	1		20
Acetone	110		99		58-148	11		20
Carbon disulfide	95		95		51-130	0		20
2-Butanone	81		84		63-138	4		20
Vinyl acetate	94		86		70-130	9		20
4-Methyl-2-pentanone	84		86		59-130	2		20
2-Hexanone	83		82		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1478294-3 WG1478294-4								
Bromochloromethane	91		96		70-130	5		20
2,2-Dichloropropane	94		100		63-133	6		20
1,2-Dibromoethane	87		85		70-130	2		20
1,3-Dichloropropane	92		92		70-130	0		20
1,1,1,2-Tetrachloroethane	82		84		64-130	2		20
Bromobenzene	85		89		70-130	5		20
n-Butylbenzene	87		90		53-136	3		20
sec-Butylbenzene	86		88		70-130	2		20
tert-Butylbenzene	84		87		70-130	4		20
o-Chlorotoluene	86		89		70-130	3		20
p-Chlorotoluene	86		89		70-130	3		20
1,2-Dibromo-3-chloropropane	76		71		41-144	7		20
Hexachlorobutadiene	100		92		63-130	8		20
Isopropylbenzene	84		90		70-130	7		20
p-Isopropyltoluene	84		88		70-130	5		20
Naphthalene	72		74		70-130	3		20
n-Propylbenzene	86		90		69-130	5		20
1,2,3-Trichlorobenzene	89		86		70-130	3		20
1,2,4-Trichlorobenzene	88		86		70-130	2		20
1,3,5-Trimethylbenzene	85		89		64-130	5		20
1,2,4-Trimethylbenzene	85		88		70-130	3		20
1,4-Dioxane	92		94		56-162	2		20
p-Diethylbenzene	82		83		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1478294-3 WG1478294-4								
p-Ethyltoluene	85		88		70-130	3		20
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		20
Ethyl ether	96		94		59-134	2		20
trans-1,4-Dichloro-2-butene	95		82		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	97		103		70-130
Dibromofluoromethane	103		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478738-3 WG1478738-4								
Methylene chloride	100		94		70-130	6		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		97		70-130	13		20
Carbon tetrachloride	100		96		63-132	4		20
1,2-Dichloropropane	100		95		70-130	5		20
Dibromochloromethane	85		85		63-130	0		20
1,1,2-Trichloroethane	93		86		70-130	8		20
Tetrachloroethene	100		93		70-130	7		20
Chlorobenzene	97		87		75-130	11		20
Trichlorofluoromethane	94		87		62-150	8		20
1,2-Dichloroethane	120		100		70-130	18		20
1,1,1-Trichloroethane	110		95		67-130	15		20
Bromodichloromethane	92		89		67-130	3		20
trans-1,3-Dichloropropene	91		88		70-130	3		20
cis-1,3-Dichloropropene	97		88		70-130	10		20
1,1-Dichloropropene	96		91		70-130	5		20
Bromoform	79		73		54-136	8		20
1,1,2,2-Tetrachloroethane	84		79		67-130	6		20
Benzene	110		96		70-130	14		20
Toluene	100		90		70-130	11		20
Ethylbenzene	100		88		70-130	13		20
Chloromethane	120		99		64-130	19		20
Bromomethane	110		94		39-139	16		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478738-3 WG1478738-4								
Vinyl chloride	100		88		55-140	13		20
Chloroethane	87		83		55-138	5		20
1,1-Dichloroethene	96		93		61-145	3		20
trans-1,2-Dichloroethene	99		90		70-130	10		20
Trichloroethene	100		93		70-130	7		20
1,2-Dichlorobenzene	94		82		70-130	14		20
1,3-Dichlorobenzene	96		83		70-130	15		20
1,4-Dichlorobenzene	94		84		70-130	11		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	100		90		70-130	11		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	96		88		70-130	9		20
Dibromomethane	98		88		70-130	11		20
1,2,3-Trichloropropane	91		81		64-130	12		20
Acrylonitrile	100		98		70-130	2		20
Styrene	95		85		70-130	11		20
Dichlorodifluoromethane	94		82		36-147	14		20
Acetone	110		87		58-148	**23**	Q	20
Carbon disulfide	100		88		51-130	13		20
2-Butanone	88		96		63-138	9		20
Vinyl acetate	96		93		70-130	3		20
4-Methyl-2-pentanone	82		82		59-130	0		20
2-Hexanone	80		81		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478738-3 WG1478738-4								
Bromochloromethane	95		93		70-130	2		20
2,2-Dichloropropane	100		94		63-133	6		20
1,2-Dibromoethane	88		87		70-130	1		20
1,3-Dichloropropane	98		90		70-130	9		20
1,1,1,2-Tetrachloroethane	85		83		64-130	2		20
Bromobenzene	95		82		70-130	15		20
n-Butylbenzene	97		86		53-136	12		20
sec-Butylbenzene	96		86		70-130	11		20
tert-Butylbenzene	96		83		70-130	15		20
o-Chlorotoluene	100		86		70-130	15		20
p-Chlorotoluene	99		85		70-130	15		20
1,2-Dibromo-3-chloropropane	71		70		41-144	1		20
Hexachlorobutadiene	100		90		63-130	11		20
Isopropylbenzene	100		85		70-130	16		20
p-Isopropyltoluene	97		84		70-130	14		20
Naphthalene	78		74		70-130	5		20
n-Propylbenzene	100		85		69-130	16		20
1,2,3-Trichlorobenzene	96		84		70-130	13		20
1,2,4-Trichlorobenzene	93		84		70-130	10		20
1,3,5-Trimethylbenzene	100		86		64-130	15		20
1,2,4-Trimethylbenzene	96		84		70-130	13		20
1,4-Dioxane	88		98		56-162	11		20
p-Diethylbenzene	93		84		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1478738-3 WG1478738-4								
p-Ethyltoluene	99		84		70-130	16		20
1,2,4,5-Tetramethylbenzene	91		79		70-130	14		20
Ethyl ether	100		88		59-134	13		20
trans-1,4-Dichloro-2-butene	85		73		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		109		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	107		98		70-130
Dibromofluoromethane	105		101		70-130

SEMIVOLATILES

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01
Client ID: MW02_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 13:50
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/25/21 01:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.66	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	1.9	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01 Date Collected: 03/21/21 13:50

Client ID: MW02_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	1.4	J	ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.9	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	0.90	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	17.	J	ug/l	50	2.6	1
Benzyl Alcohol	0.90	J	ug/l	2.0	0.59	1
Carbazole	0.73	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		21-120
Phenol-d6	81		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	85		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01
Client ID: MW02_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 13:50
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 02:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.65		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	4.4		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	3.2		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.84		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.36		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.62		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.27		ug/l	0.10	0.01	1
Chrysene	1.9		ug/l	0.10	0.01	1
Acenaphthylene	1.0		ug/l	0.10	0.01	1
Anthracene	1.5		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.39		ug/l	0.10	0.01	1
Fluorene	2.2		ug/l	0.10	0.01	1
Phenanthrene	31		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.40		ug/l	0.10	0.01	1
Pyrene	5.1		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.6		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-01 Date Collected: 03/21/21 13:50

Client ID: MW02_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	118		10-120
4-Terphenyl-d14	93		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/25/21 01:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	0.53	J	ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	0.65	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 Date Collected: 03/21/21 14:10

Client ID: MW03_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	**175**	Q	23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	77		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 03:01
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.54		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.6		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	350	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.73		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.46		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.64		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.23		ug/l	0.10	0.01	1
Chrysene	0.57		ug/l	0.10	0.01	1
Acenaphthylene	0.08	J	ug/l	0.10	0.01	1
Anthracene	0.33		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.36		ug/l	0.10	0.01	1
Fluorene	0.49		ug/l	0.10	0.01	1
Phenanthrene	1.8		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.09	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.41		ug/l	0.10	0.01	1
Pyrene	1.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	110	E	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 Date Collected: 03/21/21 14:10

Client ID: MW03_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	119		10-120
4-Terphenyl-d14	85		41-149

Project Name: PRESIDENT ST. (514 UNION)
Lab Number: L2114070
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-02 D
Client ID: MW03_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 14:10
Date Received: 03/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 12:45
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	350		ug/l	1.0	0.49	10
2-Methylnaphthalene	99		ug/l	1.0	0.22	10

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/25/21 02:04
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	0.51	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	82		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/25/21 03:20
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.95		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.8		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.0		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.55		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.45		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.54		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.18		ug/l	0.10	0.01	1
Chrysene	0.46		ug/l	0.10	0.01	1
Acenaphthylene	0.09	J	ug/l	0.10	0.01	1
Anthracene	0.57		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.29		ug/l	0.10	0.01	1
Fluorene	0.70		ug/l	0.10	0.01	1
Phenanthrene	2.8		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.32		ug/l	0.10	0.01	1
Pyrene	1.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.49		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	90		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1477981-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1477981-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/24/21 12:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1477981-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	79		41-149

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1477982-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/24/21 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/24/21 04:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1477982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	110		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1477981-2 WG1477981-3								
Acenaphthene	77		71		37-111	8		30
1,2,4-Trichlorobenzene	69		66		39-98	4		30
Hexachlorobenzene	74		70		40-140	6		30
Bis(2-chloroethyl)ether	78		70		40-140	11		30
2-Chloronaphthalene	78		70		40-140	11		30
1,2-Dichlorobenzene	71		66		40-140	7		30
1,3-Dichlorobenzene	69		65		40-140	6		30
1,4-Dichlorobenzene	70		66		36-97	6		30
3,3'-Dichlorobenzidine	73		72		40-140	1		30
2,4-Dinitrotoluene	85		83		48-143	2		30
2,6-Dinitrotoluene	81		77		40-140	5		30
Fluoranthene	80		80		40-140	0		30
4-Chlorophenyl phenyl ether	81		76		40-140	6		30
4-Bromophenyl phenyl ether	78		75		40-140	4		30
Bis(2-chloroisopropyl)ether	82		74		40-140	10		30
Bis(2-chloroethoxy)methane	77		72		40-140	7		30
Hexachlorobutadiene	65		60		40-140	8		30
Hexachlorocyclopentadiene	66		56		40-140	16		30
Hexachloroethane	71		64		40-140	10		30
Isophorone	79		74		40-140	7		30
Naphthalene	78		69		40-140	12		30
Nitrobenzene	86		75		40-140	14		30
NDPA/DPA	86		81		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1477981-2 WG1477981-3								
n-Nitrosodi-n-propylamine	87		78		29-132	11		30
Bis(2-ethylhexyl)phthalate	82		79		40-140	4		30
Butyl benzyl phthalate	82		78		40-140	5		30
Di-n-butylphthalate	81		76		40-140	6		30
Di-n-octylphthalate	88		86		40-140	2		30
Diethyl phthalate	88		82		40-140	7		30
Dimethyl phthalate	85		79		40-140	7		30
Benzo(a)anthracene	82		84		40-140	2		30
Benzo(a)pyrene	86		98		40-140	13		30
Benzo(b)fluoranthene	72		88		40-140	20		30
Benzo(k)fluoranthene	82		79		40-140	4		30
Chrysene	82		84		40-140	2		30
Acenaphthylene	80		71		45-123	12		30
Anthracene	84		84		40-140	0		30
Benzo(ghi)perylene	83		92		40-140	10		30
Fluorene	84		78		40-140	7		30
Phenanthrene	81		81		40-140	0		30
Dibenzo(a,h)anthracene	88		98		40-140	11		30
Indeno(1,2,3-cd)pyrene	84		96		40-140	13		30
Pyrene	76		79		26-127	4		30
Biphenyl	81		74		40-140	9		30
4-Chloroaniline	56		51		40-140	9		30
2-Nitroaniline	89		83		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1477981-2 WG1477981-3								
3-Nitroaniline	74		72		25-145	3		30
4-Nitroaniline	86		79		51-143	8		30
Dibenzofuran	82		76		40-140	8		30
2-Methylnaphthalene	77		69		40-140	11		30
1,2,4,5-Tetrachlorobenzene	73		67		2-134	9		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	84		75		30-130	11		30
p-Chloro-m-cresol	87		81		23-97	7		30
2-Chlorophenol	81		76		27-123	6		30
2,4-Dichlorophenol	78		75		30-130	4		30
2,4-Dimethylphenol	81		75		30-130	8		30
2-Nitrophenol	87		80		30-130	8		30
4-Nitrophenol	**81**	Q	**81**	Q	10-80	0		30
2,4-Dinitrophenol	90		89		20-130	1		30
4,6-Dinitro-o-cresol	89		87		20-164	2		30
Pentachlorophenol	76		77		9-103	1		30
Phenol	67		63		12-110	6		30
2-Methylphenol	82		75		30-130	9		30
3-Methylphenol/4-Methylphenol	81		76		30-130	6		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	82		75		10-164	9		30
Benzyl Alcohol	77		69		26-116	11		30
Carbazole	82		84		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1477981-2 WG1477981-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		21-120
Phenol-d6	66		62		10-120
Nitrobenzene-d5	88		79		23-120
2-Fluorobiphenyl	79		71		15-120
2,4,6-Tribromophenol	77		78		10-120
4-Terphenyl-d14	76		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1477982-2 WG1477982-3								
Acenaphthene	72		76		40-140	5		40
2-Chloronaphthalene	78		80		40-140	3		40
Fluoranthene	99		96		40-140	3		40
Hexachlorobutadiene	60		64		40-140	6		40
Naphthalene	72		76		40-140	5		40
Benzo(a)anthracene	95		94		40-140	1		40
Benzo(a)pyrene	115		115		40-140	0		40
Benzo(b)fluoranthene	95		92		40-140	3		40
Benzo(k)fluoranthene	106		111		40-140	5		40
Chrysene	90		91		40-140	1		40
Acenaphthylene	94		94		40-140	0		40
Anthracene	94		98		40-140	4		40
Benzo(ghi)perylene	92		94		40-140	2		40
Fluorene	82		87		40-140	6		40
Phenanthrene	84		87		40-140	4		40
Dibenzo(a,h)anthracene	101		103		40-140	2		40
Indeno(1,2,3-cd)pyrene	97		100		40-140	3		40
Pyrene	99		96		40-140	3		40
2-Methylnaphthalene	81		83		40-140	2		40
Pentachlorophenol	112		115		40-140	3		40
Hexachlorobenzene	69		71		40-140	3		40
Hexachloroethane	76		82		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1477982-2 WG1477982-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		78		21-120
Phenol-d6	70		74		10-120
Nitrobenzene-d5	111		117		23-120
2-Fluorobiphenyl	82		86		15-120
2,4,6-Tribromophenol	99		101		10-120
4-Terphenyl-d14	113		112		41-149

PCBS

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/24/21 01:28
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/23/21 04:38
Cleanup Method: EPA 3665A
Cleanup Date: 03/23/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/22/21 22:44
Analyst: SH

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 08:55
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1477079-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1477079-2 WG1477079-3									
Aroclor 1016	71		72		40-140	2		50	A
Aroclor 1260	66		67		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	A
Decachlorobiphenyl	64		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	83		85		30-150	B

PESTICIDES

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/21 06:40
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: PRESIDENT ST. (514 UNION)
Lab Number: L2114070
Project Number: 170361303
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/23/21 14:48
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/23/21 02:15

Methylation Date: 03/23/21 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/23/21 13:17
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 03/22/21 15:21

Methylation Date: 03/23/21 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1477258-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1477304-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/23/21 04:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/22/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1477304-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	53		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1477258-2 WG1477258-3									
2,4-D	82		74		30-150	10		25	A
2,4,5-T	83		75		30-150	10		25	A
2,4,5-TP (Silvex)	80		75		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	87		80		30-150	A
DCAA	92		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1477304-2 WG1477304-3									
Delta-BHC	39		43		30-150	8		20	A
Lindane	48		50		30-150	4		20	A
Alpha-BHC	50		53		30-150	6		20	A
Beta-BHC	54		56		30-150	4		20	A
Heptachlor	40		40		30-150	2		20	A
Aldrin	39		36		30-150	7		20	A
Heptachlor epoxide	41		43		30-150	4		20	A
Endrin	42		43		30-150	3		20	A
Endrin aldehyde	36		39		30-150	7		20	A
Endrin ketone	47		48		30-150	4		20	A
Dieldrin	42		45		30-150	6		20	A
4,4'-DDE	38		40		30-150	4		20	A
4,4'-DDD	44		45		30-150	4		20	A
4,4'-DDT	41		44		30-150	6		20	A
Endosulfan I	40		42		30-150	4		20	A
Endosulfan II	47		50		30-150	6		20	A
Endosulfan sulfate	43		45		30-150	5		20	A
Methoxychlor	46		48		30-150	4		20	A
cis-Chlordane	43		44		30-150	3		20	A
trans-Chlordane	43		44		30-150	3		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1477304-2 WG1477304-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		46		30-150	A
Decachlorobiphenyl	41		41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		45		30-150	B
Decachlorobiphenyl	50		50		30-150	B

METALS

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03 Date Collected: 03/21/21 09:47

Client ID: MW04_032121 Date Received: 03/21/21

Sample Location: BROOKLYN. NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
General Chemistry - Mansfield Lab											
Chromium, Trivalent (Filtered)	ND		mg/l	0.010	0.010	1		03/25/21 10:20	NA	107,-	
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0504		mg/l	0.0100	0.00327	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00111	J	mg/l	0.00400	0.00042	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00141		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.02071		mg/l	0.00050	0.00017	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Calcium, Dissolved	100.		mg/l	0.100	0.0394	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00149		mg/l	0.00100	0.00017	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00335		mg/l	0.00100	0.00038	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0820		mg/l	0.0500	0.0191	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00267		mg/l	0.00100	0.00034	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	11.4		mg/l	0.0700	0.0242	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.01692		mg/l	0.00100	0.00044	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/24/21 22:39	03/25/21 17:03	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00086	J	mg/l	0.00200	0.00055	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Potassium, Dissolved	9.91		mg/l	0.100	0.0309	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.0295		mg/l	0.00500	0.00173	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Sodium, Dissolved	15.6		mg/l	0.100	0.0293	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	0.00188	J	mg/l	0.00500	0.00157	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00947	J	mg/l	0.01000	0.00341	1	03/24/21 21:12	03/25/21 10:20	EPA 3005A	1,6020B	AM

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 03 Batch: WG1477678-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Thallium, Dissolved	0.00017	J	mg/l	0.00050	0.00014	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/24/21 21:12	03/25/21 08:58	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 03 Batch: WG1477680-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/24/21 22:39	03/25/21 15:43	1,7470A	NB

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1477678-2								
Aluminum, Dissolved	102		-		80-120	-		
Antimony, Dissolved	92		-		80-120	-		
Arsenic, Dissolved	105		-		80-120	-		
Barium, Dissolved	101		-		80-120	-		
Beryllium, Dissolved	103		-		80-120	-		
Cadmium, Dissolved	106		-		80-120	-		
Calcium, Dissolved	99		-		80-120	-		
Chromium, Dissolved	98		-		80-120	-		
Cobalt, Dissolved	101		-		80-120	-		
Copper, Dissolved	102		-		80-120	-		
Iron, Dissolved	100		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	102		-		80-120	-		
Manganese, Dissolved	100		-		80-120	-		
Nickel, Dissolved	97		-		80-120	-		
Potassium, Dissolved	104		-		80-120	-		
Selenium, Dissolved	100		-		80-120	-		
Silver, Dissolved	102		-		80-120	-		
Sodium, Dissolved	100		-		80-120	-		
Thallium, Dissolved	103		-		80-120	-		
Vanadium, Dissolved	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1477678-2					
Zinc, Dissolved	104	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1477680-2					
Mercury, Dissolved	109	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1477678-3 WG1477678-4 QC Sample: L2113659-02 Client ID: MS Sample												
Aluminum, Dissolved	ND	2	2.12	106		2.11	106		75-125	0		20
Antimony, Dissolved	0.00043J	0.5	0.5220	104		0.5143	103		75-125	1		20
Arsenic, Dissolved	0.00081	0.12	0.1293	107		0.1306	108		75-125	1		20
Barium, Dissolved	0.4615	2	2.529	103		2.517	103		75-125	0		20
Beryllium, Dissolved	ND	0.05	0.05212	104		0.05556	111		75-125	6		20
Cadmium, Dissolved	ND	0.051	0.05520	108		0.05602	110		75-125	1		20
Calcium, Dissolved	251.	10	274	**230**	Q	275	**240**	Q	75-125	0		20
Chromium, Dissolved	0.00027J	0.2	0.1996	100		0.1983	99		75-125	1		20
Cobalt, Dissolved	0.00200	0.5	0.5121	102		0.5254	105		75-125	3		20
Copper, Dissolved	0.00073J	0.25	0.2666	107		0.2564	102		75-125	4		20
Iron, Dissolved	16.8	1	18.1	**130**	Q	18.2	**140**	Q	75-125	1		20
Lead, Dissolved	ND	0.51	0.5422	106		0.5444	107		75-125	0		20
Magnesium, Dissolved	41.8	10	54.3	125		53.6	118		75-125	1		20
Manganese, Dissolved	1.759	0.5	2.374	123		2.408	**130**	Q	75-125	1		20
Nickel, Dissolved	0.00353	0.5	0.4818	96		0.5038	100		75-125	4		20
Potassium, Dissolved	28.3	10	39.0	107		39.2	109		75-125	1		20
Selenium, Dissolved	ND	0.12	0.133	111		0.130	108		75-125	2		20
Silver, Dissolved	ND	0.05	0.05158	103		0.05187	104		75-125	1		20
Sodium, Dissolved	526.	10	551	**250**	Q	545	**190**	Q	75-125	1		20
Thallium, Dissolved	0.00025J	0.12	0.1330	111		0.1289	107		75-125	3		20
Vanadium, Dissolved	ND	0.5	0.5028	100		0.4991	100		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1477678-3 WG1477678-4 QC Sample: L2113659-02 Client ID: MS Sample									
Zinc, Dissolved	0.01242	0.5	0.5308	104	0.5479	107	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1477680-3 WG1477680-4 QC Sample: L2113659-02 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00512	102	0.00522	104	75-125	2	20

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2114070
Report Date: 03/25/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1477678-6 QC Sample: L2113659-02 Client ID: DUP Sample						
Barium, Dissolved	0.4615	0.4348	mg/l	6		20
Calcium, Dissolved	251.	248.	mg/l	1		20
Iron, Dissolved	16.8	15.9	mg/l	5		20
Magnesium, Dissolved	41.8	41.7	mg/l	0		20
Manganese, Dissolved	1.759	1.746	mg/l	1		20
Potassium, Dissolved	28.3	27.1	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1477678-6 QC Sample: L2113659-02 Client ID: DUP Sample						
Sodium, Dissolved	526.	510.	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2114070-03
Client ID: MW04_032121
Sample Location: BROOKLYN. NY

Date Collected: 03/21/21 09:47
Date Received: 03/21/21
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/22/21 08:00	03/22/21 08:27	1,7196A	KP

Project Name: PRESIDENT ST. (514 UNION) **Lab Number:** L2114070

Project Number: 170361303 **Report Date:** 03/25/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1477067-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	03/22/21 08:00	03/22/21 08:26	1,7196A	KP

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1477067-2								
Chromium, Hexavalent	110		-		85-115	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1477067-4 QC Sample: L2114070-03 Client ID: MW04_032121												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESIDENT ST. (514 UNION)

Project Number: 170361303

Lab Number: L2114070

Report Date: 03/25/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1477067-3 QC Sample: L2114070-03 Client ID: MW04_032121						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114070-01A	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-01B	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-01C	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-01D	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-01E	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-02A	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-02B	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-02C	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-02D	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-02E	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-03A	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-03B	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-03C	Vial HCl preserved	B	NA		5.3	Y	Absent		NYTCL-8260(14)
L2114070-03D	Plastic 250ml HNO3 preserved	B	<2	<2	5.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2114070-03E	Plastic 500ml unpreserved	B	7	7	5.3	Y	Absent		HEXCR-7196(1)
L2114070-03F	Amber 120ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2114070-03G	Amber 120ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: PRESIDENT ST. (514 UNION)
Project Number: 170361303

Lab Number: L2114070
Report Date: 03/25/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2114070-03H	Amber 120ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8081(7)
L2114070-03I	Amber 120ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8081(7)
L2114070-03J	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-03K	Amber 250ml unpreserved	B	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2114070-03L	Amber 1000ml unpreserved	B	7	7	5.3	Y	Absent		HERB-APA(7)
L2114070-03M	Amber 1000ml unpreserved	B	7	7	5.3	Y	Absent		HERB-APA(7)
L2114070-03N	Plastic 250ml HNO3 preserved	B	<2	<2	5.3	Y	Absent		HOLD-METAL-TOTAL(180)
L2114070-04A	Vial HCl preserved	C	NA		4.1	Y	Absent		NYTCL-8260(14)
L2114070-04B	Vial HCl preserved	C	NA		4.1	Y	Absent		NYTCL-8260(14)
L2114070-04C	Vial HCl preserved	C	NA		4.1	Y	Absent		NYTCL-8260(14)
L2114070-04D	Vial HCl preserved	C	NA		4.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	PRESIDENT ST. (514 UNION)	**Lab Number:**	L2114070
Project Number:	170361303	**Report Date:**	03/25/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/21/21

ALPHA Job #: L2114070

Client Information

Client: Langan
Address: 21 Penn Plaza
Phone: 212-479-5400
Fax:
Email: VJohnson@langan.com

Project Information

Project Name: Pioneer St (514 Union)
Project Location: Brooklyn, NY
Project #: 170361303
(Use Project name as Project #) ☐
Project Manager: Paul McManus
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL/TAL+ETBE VOCs + SVOCs
TCL TAL/PCBs
PFAS Short + Standard Analyte List

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
14070-01	MW02-032121	3/21/21	15:50	GW	TCS	
-02	MW07_032121	↓	14:10	↓	↓	
-03	MW04_032121	↓	9:47	↓	↓	
-04	TB01_032121		N/A	W		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	3/21/21 1711		3/21/21 1711
	3/21/21 2120		3/21/21 2200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ATTACHMENT 8

Data Usability Summary Reports

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

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To: Paul McMahon, Langan Senior Project Manager

From: Joe Conboy, Langan Staff Chemist

Date: April 9, 2021

Re: Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Langan Project No.: 170361303

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of soil samples collected in March 2021 by Langan Engineering and Environmental Services ("Langan") at the 514 Union Street site ("the site"). The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), herbicides, polychlorinated biphenyls (PCBs), pesticides, herbicides, metals including mercury (Hg), cyanide (CN), hexavalent chromium (CrVI), trivalent chromium (CrIII), and total solids (%S) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270D SIM
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/6020B
- Mercury by SW-846 Method 7471B/7470A
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)
- Total Solids by Standard Method 2540G

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1), USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0), USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1), USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1), the USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), the USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017) and the specifics of the methods employed.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, sample preservation, sample extraction and digestion, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, system monitoring compounds, internal standard area counts, matrix spike/spike duplicate recoveries, target compound identification and quantification, chromatograms, overall system performance, serial dilutions, dual column performance, field duplicate, trip blank and field blank sample results.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2113990

The initial calibration (ICAL) for instrument VOA123 exhibited response factors (RFs) below the control limit for 1,4-dioxane (0.002) and acetone (0.066). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The initial calibration verification (ICV) analyzed on 2/23/2021 at 19:50 exhibited a percent difference (%D) above the control limit for carbon disulfide (-21.1%). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 2/23/2021 at 19:50 exhibited RFs below the control limit for 1,4-dioxane (0.00218) and acetone (0.066). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The continuing calibration verification (CCV) analyzed on 3/24/2021 at 06:56 exhibited RFs below the control limit for 1,4-dioxane (0.00192) and acetone (0.065). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

L2114067

Sample SB03_19-21 exhibited a percent recovery above the upper control limit (UCL) for the surrogate 4-bromofluorobenzene (161%). The associated detected results are qualified as "J" based on potential high bias.

Sample SB03_19-21 exhibited a percent recovery below the lower control limit (LCL) for the internal standard chlorobenzene-d5 (207%). The associated detected results are qualified as "J" based on potential high bias.

The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for batch WG1478444 exhibited a percent recovery above the UCL for bromomethane (181%, 177%). The associated result in SB04_7-9 is qualified as "J" based on potential high bias. The associated result in sample SB04_1-3 was a non-detection, so no qualification was required.

The ICAL for instrument VOA127 exhibited RFs below the control limit for 4-methyl-2-pentanone (0.089), 1,4-dioxane (0.002), and 2-butanone (0.075). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 3/15/2021 at 00:55 exhibited a %D above the control limit for bromomethane (-53.7%). The associated results in samples SB04_1-3, SB04_7-9, SB03_4-6, SB03_19-21, SB02_4-6, and SODUP01_032121 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 3/18/2021 at 07:15 exhibited %Ds above the control limits for chloromethane (-23.8%) and bromomethane (-22.9%) and RFs below the control limits for 4-methyl-2-pentanone (0.078), 1,4-dioxane (0.00192), and 2-butanone (0.068). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 05:47 exhibited %Ds above the control limit for bromomethane (-81.2%), chloroethane (-45.4%), methyl tert-butyl ether (21.1%), bromochloromethane (21.6%), and n-butylbenzene (-24.3%). The associated results in samples SB04_1-3, SB04_7-9, SB03_4-6, and SODUP01_032121 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 15:27 exhibited %Ds above the control limit for dichlorodifluoromethane (-33.7%), chloromethane (-28.8%), carbon disulfide (-21.4%), acetone (21.5%), vinyl acetate (22.3%), 4-methyl-2-pentanone (22.5%), and 2-hexanone (20.1%). The CCV also exhibited RFs below the control limits for 4-methyl-2-pentanone (0.069), 1,4-dioxane

(0.00166), and 2-butanone (0.06). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 16:58 exhibited %Ds above the control limit for bromomethane (-73.8%), chloroethane (-32.3%), methyl tert-butyl ether (21.7%), and bromochloromethane (23.9%). The associated results in sample SB02_4-6 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 16:58 exhibited a RF below the control limit for trichloroethene (0.194). The associated result in sample SB02_4-6 is qualified as "J" based on potential indeterminate bias.

The CCV analyzed on 4/1/2021 at 18:35 exhibited %Ds above the control limit for chloromethane (22.7%), bromomethane (-49.7%), acrylonitrile (20.4%), bromochloromethane (20.9%), 2-butanone (23.4%), 4-methyl-2-pentanone (22.7%), and 2-hexanone (22.8%). The associated results in sample SB03_19-21 are qualified as "UJ" based on potential indeterminate bias.

The MB for batch WG1478444 exhibited a detection of bromomethane (68 ug/kg). The associated result in sample SB04_7-9 is qualified as "U" at the reporting limit based on potential blank contamination. The associated result in sample SB04_1-3 is a non-detection so no qualification is required.

SVOCs by SW-846 Method 8270D

L2113990

The CCV analyzed on 3/25/2021 at 07:54 exhibited %Ds above the control limit for bis(2-chloroisopropyl)ether (-36.5%) and n-nitroso-di-n-propylamine (-20.1%). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

L2114067

Sample SB04_1-3 exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (18%) and 2,4,6-tribromophenol (3%). The associated acid fraction results are qualified as "UJ" based on potential low bias.

The CCV analyzed on 3/25/2021 at 07:53 exhibited %Ds above the control limit for 2,4-dinitrophenol (-21.1%) and 4,6-dinitro-o-cresol (-21.2%). The associated results in samples SB03_4-6, SB03_9-11, SB02_7-9, and SODUP02_032021 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/25/2021 at 17:11 exhibited a %D above the control limit for hexachlorocyclopentadiene (24.9%). The associated results in samples SB04_1-3, SB04_7-9, and SB02_4-6 are qualified as "UJ" based on potential indeterminate bias.

PCBs by SW-846 Method 8082A

L2113990

The LCS/LCSD for batch WG1478430 exhibited a relative percent difference (RPD) above the control limit for PCB-1016 (51%). The associated result in sample SB01_3-5 is qualified as "UJ" based on potential indeterminate bias.

L2114067

The LCS/LCSD for batch WG1478430 exhibited a RPD above the control limit for PCB-1016 (51%). The associated results in samples SB04_1-3, SB03_4-6, SB02_4-6, and SODUP02_032021 are qualified as "UJ" based on potential indeterminate bias.

Metals by SW-846 Method 6010D

L2114067

The method blank (MB) for batch WG1477434 exhibited detections of chromium (0.044 mg/kg), iron (0.452 mg/kg), manganese (0.14 mg/kg), potassium (6.92 mg/kg), and sodium (8.22 mg/kg). The associated sodium results for samples SB02_4-6 and SB02_7-9 are qualified "U" at the reporting limit based on potential bias. The other associated results are >10X the contamination. No qualification is necessary.

Cyanide by SW-846 Method 9012B

L2113990

The LCS/LCSD for batch WG1478171 exhibited a percent recovery below the LCL for cyanide (71%, 66%). The associated results in sample SB01_3-5 are qualified as "UJ" based on potential low bias.

L2114067

The LCSD for batch WG1478171 exhibited a percent recovery below the LCL for cyanide (66%). The associated results in sample SB04_1-3, SB03_4-6, SB02_4-6, and SODUP02_032021 are qualified as "J" or "UJ" based on potential low bias.

Sample Integrity

L2114067

Sample aliquots for Method 8260C analyses were taken from inappropriate samples containers for samples SB03_9-11 and SB02_7-9. The associated results were qualified "J" for detections and "UJ" for non-detections based on potential low bias.

Total solids analyses was not performed for samples SB03_9-11 and SB02_7-9 due to insufficient sample matrix. Total solids values from similar samples were used for calculating dry weight basis for these samples. The associated results were qualified "J" for detections and "UJ" for non-detections based on potential bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2113990

The MB for batch WG1478238 exhibited detections of bromomethane (1 ug/kg) and 2-butanone (2.6 ug/kg). The associated results are non-detections. No qualification is necessary.

L2114067

The LCS/LCSD for batch WG1478443 exhibited a percent recovery above the UCL for bromomethane (181%, 177%). The associated results are non-detections. No qualification is necessary.

The LCS for batch WG1481845 exhibited a percent recovery above the UCL for bromomethane (150%). The associated results are non-detections. No qualification is necessary.

The LCS/LCSD for batch WG1478585 exhibited a percent recovery above the UCL for bromomethane (174%, 166%). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478443 exhibited a detection of bromomethane (1.4 ug/kg). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478585 exhibited a detection of bromomethane (1.6 ug/kg). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478585 exhibited a detection of trichloroethene (0.19 ug/kg). The associated results were previously qualified. No further action is necessary.

The MB for batch WG1481845-5 exhibited a detection of bromomethane (86 ug/kg). The associated results were previously qualified. No further action is necessary.

SVOCs by SW-846 Method 8270D

L2113990

The field blank, FB01_031921, exhibited detections of benzo(b)fluoranthene (0.2 ug/L), benzo(g,h,i)perylene (0.2 ug/L), benzo(k)fluoranthene (0.2 ug/L), dibenz(a,h)anthracene (0.2 ug/L), and indeno(1,2,3-cd)pyrene (0.2 ug/L). The associated results are >10X the contamination. No qualification is necessary.

Herbicides by SW-846 Method 8151A

L2114067

Sample SB02_4-6 exhibited a percent recovery below the LCL for the surrogate 2,4-DCAA (0%). The sample was diluted >10X. No qualification is necessary.

Pesticides by SW-846 Method 8081B

L2114067

Sample SB04_1-3 exhibited percent recoveries above the UCL for the surrogates tetrachloro-m-xylene (267%) and decachlorobiphenyl (485%). The associated results are non-detections. No qualification is necessary.

Sample SB02_406 exhibited percent recoveries below the LCL for the surrogates tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%). The sample was diluted >10X. No qualification is necessary.

Metals by SW-846 Method 6010D

L2113990

The field blank, FB01_031921, exhibited a detection of barium (0.00019 mg/L). The associated results are >10X the contamination. No qualification is necessary.

The MB for batch WG1477434 exhibited detections of chromium (0.044 mg/kg), iron (0.452 mg/kg), manganese (0.14 mg/kg), potassium (6.92 mg/kg), and sodium (8.22 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

FIELD DUPLICATE SUMMARY:

Two field duplicate and parent sample pairs were collected and analyzed for the parameters listed in Table 1. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to the precision criteria:

- SODUP01_032021 and SB03_4-6
- SODUP02_032021 and SB01_3-5

The field duplicate and parent sample (SB01_3-5/SODUP02_032021) exhibited RPDs above the control limit for arsenic (63.3%), barium (51.9%), calcium (61.8%), copper (76.8%), lead (140.3%), potassium (73.5%), sodium (98.7%), zinc (120.8%), anthracene (164.4%), benzo(a)anthracene (160.9%), benzo(a)pyrene (157.1%), benzo(b)fluoranthene (163.6%), benzo(g,h,i)perylene (172.8%), benzo(k)fluoranthene (145.5%), chrysene (163.6%), fluoranthene (162.2%), indeno(1,2,3-cd)pyrene (168.9%), phenathrene (165.4%), and pyrene (165.2%). The associated results are qualified as "J" based on potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Analytical Parameters
L2113990	L2113990-1	SB01_3-5	3/19/2021	VOCs, SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI
L2113990	L2113990-2	SB01_9-11	3/19/2021	VOCs, SVOCs, metals
L2113990	L2113990-4	TB01_031921	3/19/2021	VOCs
L2113990	L2113990-5	FB01_031921	3/19/2021	VOCs, SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI
L2114067	L2114067-1	TB01_032021	3/20/2021	VOCs
L2114067	L2114067-2	SB04_1-3	3/20/2021	VOCs, SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI
L2114067	L2114067-3	SB04_7-9	3/20/2021	VOCs, SVOCs, metals
L2114067	L2114067-4	SB03_4-6	3/20/2021	VOCs, SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI
L2114067	L2114067-5	SB03_9-11	3/20/2021	VOCs, SVOCs, metals
L2114067	L2114067-6	SB03_19-21	3/20/2021	VOCs
L2114067	L2114067-7	SB02_4-6	3/20/2021	VOCs, SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI
L2114067	L2114067-8	SB02_7-9	3/20/2021	VOCs, SVOCs, metals
L2114067	L2114067-9	SODUP01_032021	3/20/2021	VOCs
L2114067	L2114067-10	SODUP02_032021	3/20/2021	SVOCs, pesticides, PCBs, herbicides, metals, CN, CrVI

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
SB01_3-5	6010D	7440-38-2	Arsenic	J
SB01_3-5	6010D	7440-39-3	Barium	J
SB01_3-5	6010D	7440-43-9	Cadmium	J
SB01_3-5	6010D	7440-50-8	Copper	J
SB01_3-5	6010D	7439-92-1	Lead	J
SB01_3-5	6010D	7440-09-7	Potassium	J
SB01_3-5	6010D	7440-23-5	Sodium	J
SB01_3-5	6010D	7440-66-6	Zinc	J
SB01_3-5	SW8082A	12674-11-2	PCB-1016	UJ
SB01_3-5	SW8260C	123-91-1	1,4-Dioxane	UJ
SB01_3-5	SW8260C	67-64-1	Acetone	UJ
SB01_3-5	SW8260C	75-15-0	Carbon disulfide	UJ
SB01_3-5	SW8270D	120-12-7	Anthracene	J
SB01_3-5	SW8270D	56-55-3	Benzo(a)anthracene	J
SB01_3-5	SW8270D	50-32-8	Benzo(a)pyrene	J
SB01_3-5	SW8270D	205-99-2	Benzo(b)fluoranthene	J
SB01_3-5	SW8270D	191-24-2	Benzo(g,h,i)perylene	J
SB01_3-5	SW8270D	207-08-9	Benzo(k)fluoranthene	J
SB01_3-5	SW8270D	108-60-1	bis(2-Chloroisopropyl) ether	UJ
SB01_3-5	SW8270D	218-01-9	Chrysene	J
SB01_3-5	SW8270D	206-44-0	Fluoranthene	J
SB01_3-5	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	J
SB01_3-5	SW8270D	621-64-7	N-Nitrosodi-N-propylamine	UJ
SB01_3-5	SW8270D	85-01-8	Phenanthrene	J
SB01_3-5	SW8270D	129-00-0	Pyrene	J
SB01_3-5	SW9012B	57-12-5	Cyanide	UJ
SB01_9-11	SW8260C	123-91-1	1,4-Dioxane	UJ
SB01_9-11	SW8260C	67-64-1	Acetone	UJ
SB01_9-11	SW8260C	75-15-0	Carbon disulfide	UJ
SB01_9-11	SW8270D	108-60-1	bis(2-Chloroisopropyl) ether	UJ
SB01_9-11	SW8270D	621-64-7	N-Nitrosodi-N-propylamine	UJ
SB02_4-6	6010D	7440-23-5	Sodium	U(181)
SB02_4-6	SW8082A	12674-11-2	PCB-1016	UJ
SB02_4-6	SW8260C	74-97-5	Bromochloromethane	UJ
SB02_4-6	SW8260C	74-83-9	Bromomethane	UJ
SB02_4-6	SW8260C	75-00-3	Chloroethane	UJ
SB02_4-6	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB02_4-6	SW8260C	79-01-6	Trichloroethene	J
SB02_4-6	SW8270D	77-47-4	Hexachlorocyclopentadiene	UJ
SB02_4-6	SW9012B	57-12-5	Cyanide	J
SB02_7-9	6010D	7440-23-5	Sodium	U(178)
SB02_7-9	SW8260C	630-20-6	1,1,1,2-Tetrachloroethane	UJ
SB02_7-9	SW8260C	71-55-6	1,1,1-Trichloroethane	UJ
SB02_7-9	SW8260C	79-34-5	1,1,2,2-Tetrachloroethane	UJ

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
SB02_7-9	SW8260C	79-00-5	1,1,2-Trichloroethane	UJ
SB02_7-9	SW8260C	75-34-3	1,1-Dichloroethane	UJ
SB02_7-9	SW8260C	75-35-4	1,1-Dichloroethene	UJ
SB02_7-9	SW8260C	563-58-6	1,1-Dichloropropene	UJ
SB02_7-9	SW8260C	87-61-6	1,2,3-Trichlorobenzene	UJ
SB02_7-9	SW8260C	96-18-4	1,2,3-Trichloropropane	UJ
SB02_7-9	SW8260C	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
SB02_7-9	SW8260C	120-82-1	1,2,4-Trichlorobenzene	UJ
SB02_7-9	SW8260C	95-63-6	1,2,4-Trimethylbenzene	UJ
SB02_7-9	SW8260C	96-12-8	1,2-Dibromo-3-chloropropane	UJ
SB02_7-9	SW8260C	106-93-4	1,2-Dibromoethane	UJ
SB02_7-9	SW8260C	95-50-1	1,2-Dichlorobenzene	UJ
SB02_7-9	SW8260C	107-06-2	1,2-Dichloroethane	UJ
SB02_7-9	SW8260C	78-87-5	1,2-Dichloropropane	UJ
SB02_7-9	SW8260C	108-67-8	1,3,5-Trimethylbenzene	UJ
SB02_7-9	SW8260C	541-73-1	1,3-Dichlorobenzene	UJ
SB02_7-9	SW8260C	142-28-9	1,3-Dichloropropane	UJ
SB02_7-9	SW8260C	106-46-7	1,4-Dichlorobenzene	UJ
SB02_7-9	SW8260C	105-05-5	1,4-Diethyl benzene	UJ
SB02_7-9	SW8260C	123-91-1	1,4-Dioxane	UJ
SB02_7-9	SW8260C	594-20-7	2,2-Dichloropropane	UJ
SB02_7-9	SW8260C	95-49-8	2-Chlorotoluene	UJ
SB02_7-9	SW8260C	591-78-6	2-Hexanone	UJ
SB02_7-9	SW8260C	106-43-4	4-Chlorotoluene	UJ
SB02_7-9	SW8260C	622-96-8	4-Ethyltoluene	UJ
SB02_7-9	SW8260C	67-64-1	Acetone	UJ
SB02_7-9	SW8260C	107-13-1	Acrylonitrile	UJ
SB02_7-9	SW8260C	71-43-2	Benzene	UJ
SB02_7-9	SW8260C	108-86-1	Bromobenzene	UJ
SB02_7-9	SW8260C	74-97-5	Bromochloromethane	UJ
SB02_7-9	SW8260C	75-27-4	Bromodichloromethane	UJ
SB02_7-9	SW8260C	75-25-2	Bromoform	UJ
SB02_7-9	SW8260C	74-83-9	Bromomethane	UJ
SB02_7-9	SW8260C	75-15-0	Carbon disulfide	UJ
SB02_7-9	SW8260C	56-23-5	Carbon tetrachloride	UJ
SB02_7-9	SW8260C	108-90-7	Chlorobenzene	UJ
SB02_7-9	SW8260C	75-00-3	Chloroethane	UJ
SB02_7-9	SW8260C	67-66-3	Chloroform	UJ
SB02_7-9	SW8260C	74-87-3	Chloromethane	UJ
SB02_7-9	SW8260C	156-59-2	cis-1,2-Dichloroethene	UJ
SB02_7-9	SW8260C	10061-01-5	cis-1,3-Dichloropropene	UJ
SB02_7-9	SW8260C	99-87-6	Cymene	UJ
SB02_7-9	SW8260C	124-48-1	Dibromochloromethane	UJ
SB02_7-9	SW8260C	74-95-3	Dibromomethane	UJ

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SB02_7-9	SW8260C	75-71-8	Dichlorodifluoromethane	UJ
SB02_7-9	SW8260C	540-59-0	Dichloroethylenes	UJ
SB02_7-9	SW8260C	60-29-7	Diethyl Ether	UJ
SB02_7-9	SW8260C	100-41-4	Ethylbenzene	UJ
SB02_7-9	SW8260C	87-68-3	Hexachlorobutadiene	UJ
SB02_7-9	SW8260C	98-82-8	Isopropylbenzene	UJ
SB02_7-9	SW8260C	179601-23-1	m,p-Xylenes	UJ
SB02_7-9	SW8260C	78-93-3	2-Butanone	UJ
SB02_7-9	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
SB02_7-9	SW8260C	75-09-2	Methylene chloride	UJ
SB02_7-9	SW8260C	91-20-3	Naphthalene	UJ
SB02_7-9	SW8260C	104-51-8	N-Butylbenzene	UJ
SB02_7-9	SW8260C	103-65-1	N-Propylbenzene	UJ
SB02_7-9	SW8260C	95-47-6	o-Xylene	UJ
SB02_7-9	SW8260C	135-98-8	sec-Butylbenzene	UJ
SB02_7-9	SW8260C	100-42-5	Styrene	UJ
SB02_7-9	SW8260C	98-06-6	T-Butylbenzene	UJ
SB02_7-9	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB02_7-9	SW8260C	127-18-4	Tetrachloroethene	UJ
SB02_7-9	SW8260C	108-88-3	Toluene	UJ
SB02_7-9	SW8260C	542-75-6	l 1,3-Dichloropropene (cis and tr	UJ
SB02_7-9	SW8260C	156-60-5	trans-1,2-Dichloroethene	UJ
SB02_7-9	SW8260C	10061-02-6	trans-1,3-Dichloropropene	UJ
SB02_7-9	SW8260C	110-57-6	trans-1,4-Dichloro-2-butene	UJ
SB02_7-9	SW8260C	79-01-6	Trichloroethene	UJ
SB02_7-9	SW8260C	75-69-4	Trichlorofluoromethane	UJ
SB02_7-9	SW8260C	108-05-4	Vinyl acetate	UJ
SB02_7-9	SW8260C	75-01-4	Vinyl chloride	UJ
SB02_7-9	SW8260C	1330-20-7	Xylenes	UJ
SB02_7-9	SW8270D	51-28-5	2,4-Dinitrophenol	UJ
SB02_7-9	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	UJ
SB03_19-21	SW8260C	630-20-6	1,1,1,2-Tetrachloroethane	UJ
SB03_19-21	SW8260C	71-55-6	1,1,1-Trichloroethane	UJ
SB03_19-21	SW8260C	79-34-5	1,1,2,2-Tetrachloroethane	UJ
SB03_19-21	SW8260C	79-00-5	1,1,2-Trichloroethane	UJ
SB03_19-21	SW8260C	75-34-3	1,1-Dichloroethane	UJ
SB03_19-21	SW8260C	75-35-4	1,1-Dichloroethene	UJ
SB03_19-21	SW8260C	563-58-6	1,1-Dichloropropene	UJ
SB03_19-21	SW8260C	87-61-6	1,2,3-Trichlorobenzene	UJ
SB03_19-21	SW8260C	96-18-4	1,2,3-Trichloropropane	UJ
SB03_19-21	SW8260C	95-93-2	1,2,4,5-Tetramethylbenzene	J
SB03_19-21	SW8260C	120-82-1	1,2,4-Trichlorobenzene	UJ
SB03_19-21	SW8260C	95-63-6	1,2,4-Trimethylbenzene	J
SB03_19-21	SW8260C	96-12-8	1,2-Dibromo-3-chloropropane	UJ

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SB03_19-21	SW8260C	106-93-4	1,2-Dibromoethane	UJ
SB03_19-21	SW8260C	95-50-1	1,2-Dichlorobenzene	UJ
SB03_19-21	SW8260C	107-06-2	1,2-Dichloroethane	UJ
SB03_19-21	SW8260C	78-87-5	1,2-Dichloropropane	UJ
SB03_19-21	SW8260C	108-67-8	1,3,5-Trimethylbenzene	J
SB03_19-21	SW8260C	541-73-1	1,3-Dichlorobenzene	UJ
SB03_19-21	SW8260C	142-28-9	1,3-Dichloropropane	UJ
SB03_19-21	SW8260C	106-46-7	1,4-Dichlorobenzene	UJ
SB03_19-21	SW8260C	105-05-5	1,4-Diethyl benzene	J
SB03_19-21	SW8260C	123-91-1	1,4-Dioxane	UJ
SB03_19-21	SW8260C	594-20-7	2,2-Dichloropropane	UJ
SB03_19-21	SW8260C	95-49-8	2-Chlorotoluene	UJ
SB03_19-21	SW8260C	591-78-6	2-Hexanone	UJ
SB03_19-21	SW8260C	106-43-4	4-Chlorotoluene	UJ
SB03_19-21	SW8260C	622-96-8	4-Ethyltoluene	J
SB03_19-21	SW8260C	67-64-1	Acetone	UJ
SB03_19-21	SW8260C	107-13-1	Acrylonitrile	UJ
SB03_19-21	SW8260C	71-43-2	Benzene	J
SB03_19-21	SW8260C	108-86-1	Bromobenzene	UJ
SB03_19-21	SW8260C	74-97-5	Bromochloromethane	UJ
SB03_19-21	SW8260C	75-27-4	Bromodichloromethane	UJ
SB03_19-21	SW8260C	75-25-2	Bromoform	UJ
SB03_19-21	SW8260C	74-83-9	Bromomethane	UJ
SB03_19-21	SW8260C	75-15-0	Carbon disulfide	UJ
SB03_19-21	SW8260C	56-23-5	Carbon tetrachloride	UJ
SB03_19-21	SW8260C	108-90-7	Chlorobenzene	UJ
SB03_19-21	SW8260C	75-00-3	Chloroethane	UJ
SB03_19-21	SW8260C	67-66-3	Chloroform	UJ
SB03_19-21	SW8260C	74-87-3	Chloromethane	UJ
SB03_19-21	SW8260C	156-59-2	cis-1,2-Dichloroethene	UJ
SB03_19-21	SW8260C	10061-01-5	cis-1,3-Dichloropropene	UJ
SB03_19-21	SW8260C	99-87-6	Cymene	J
SB03_19-21	SW8260C	124-48-1	Dibromochloromethane	UJ
SB03_19-21	SW8260C	124-48-1	Dibromochloromethane	UJ
SB03_19-21	SW8260C	74-95-3	Dibromomethane	UJ
SB03_19-21	SW8260C	75-71-8	Dichlorodifluoromethane	UJ
SB03_19-21	SW8260C	540-59-0	Dichloroethylenes	UJ
SB03_19-21	SW8260C	60-29-7	Diethyl Ether	UJ
SB03_19-21	SW8260C	100-41-4	Ethylbenzene	J
SB03_19-21	SW8260C	87-68-3	Hexachlorobutadiene	UJ
SB03_19-21	SW8260C	98-82-8	Isopropylbenzene	J
SB03_19-21	SW8260C	179601-23-1	m,p-Xylenes	J
SB03_19-21	SW8260C	78-93-3	2-Butanone	UJ
SB03_19-21	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ

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SB03_19-21	SW8260C	75-09-2	Methylene chloride	UJ
SB03_19-21	SW8260C	91-20-3	Naphthalene	J
SB03_19-21	SW8260C	104-51-8	N-Butylbenzene	J
SB03_19-21	SW8260C	103-65-1	N-Propylbenzene	J
SB03_19-21	SW8260C	95-47-6	o-Xylene	J
SB03_19-21	SW8260C	135-98-8	sec-Butylbenzene	J
SB03_19-21	SW8260C	100-42-5	Styrene	UJ
SB03_19-21	SW8260C	98-06-6	T-Butylbenzene	UJ
SB03_19-21	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB03_19-21	SW8260C	127-18-4	Tetrachloroethene	UJ
SB03_19-21	SW8260C	108-88-3	Toluene	J
SB03_19-21	SW8260C	542-75-6	l 1,3-Dichloropropene (cis and tr	UJ
SB03_19-21	SW8260C	156-60-5	trans-1,2-Dichloroethene	UJ
SB03_19-21	SW8260C	10061-02-6	trans-1,3-Dichloropropene	UJ
SB03_19-21	SW8260C	110-57-6	trans-1,4-Dichloro-2-butene	UJ
SB03_19-21	SW8260C	79-01-6	Trichloroethene	UJ
SB03_19-21	SW8260C	75-69-4	Trichlorofluoromethane	UJ
SB03_19-21	SW8260C	108-05-4	Vinyl acetate	UJ
SB03_19-21	SW8260C	75-01-4	Vinyl chloride	UJ
SB03_19-21	SW8260C	1330-20-7	Xylenes	J
SB03_4-6	SW8082A	12674-11-2	PCB-1016	UJ
SB03_4-6	SW8260C	74-97-5	Bromochloromethane	UJ
SB03_4-6	SW8260C	74-83-9	Bromomethane	UJ
SB03_4-6	SW8260C	75-00-3	Chloroethane	UJ
SB03_4-6	SW8260C	104-51-8	N-Butylbenzene	UJ
SB03_4-6	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB03_4-6	SW8270D	51-28-5	2,4-Dinitrophenol	UJ
SB03_4-6	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	UJ
SB03_4-6	SW9012B	57-12-5	Cyanide	UJ
SB03_9-11	SW8260C	630-20-6	1,1,1,2-Tetrachloroethane	UJ
SB03_9-11	SW8260C	71-55-6	1,1,1-Trichloroethane	UJ
SB03_9-11	SW8260C	79-34-5	1,1,2,2-Tetrachloroethane	UJ
SB03_9-11	SW8260C	79-00-5	1,1,2-Trichloroethane	UJ
SB03_9-11	SW8260C	75-34-3	1,1-Dichloroethane	UJ
SB03_9-11	SW8260C	75-35-4	1,1-Dichloroethene	UJ
SB03_9-11	SW8260C	563-58-6	1,1-Dichloropropene	UJ
SB03_9-11	SW8260C	87-61-6	1,2,3-Trichlorobenzene	UJ
SB03_9-11	SW8260C	96-18-4	1,2,3-Trichloropropane	UJ
SB03_9-11	SW8260C	95-93-2	1,2,4,5-Tetramethylbenzene	J
SB03_9-11	SW8260C	120-82-1	1,2,4-Trichlorobenzene	UJ
SB03_9-11	SW8260C	95-63-6	1,2,4-Trimethylbenzene	UJ
SB03_9-11	SW8260C	96-12-8	1,2-Dibromo-3-chloropropane	UJ
SB03_9-11	SW8260C	106-93-4	1,2-Dibromoethane	UJ
SB03_9-11	SW8260C	95-50-1	1,2-Dichlorobenzene	UJ

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SB03_9-11	SW8260C	107-06-2	1,2-Dichloroethane	UJ
SB03_9-11	SW8260C	78-87-5	1,2-Dichloropropane	UJ
SB03_9-11	SW8260C	108-67-8	1,3,5-Trimethylbenzene	UJ
SB03_9-11	SW8260C	541-73-1	1,3-Dichlorobenzene	UJ
SB03_9-11	SW8260C	142-28-9	1,3-Dichloropropane	UJ
SB03_9-11	SW8260C	106-46-7	1,4-Dichlorobenzene	UJ
SB03_9-11	SW8260C	105-05-5	1,4-Diethyl benzene	UJ
SB03_9-11	SW8260C	123-91-1	1,4-Dioxane	UJ
SB03_9-11	SW8260C	594-20-7	2,2-Dichloropropane	UJ
SB03_9-11	SW8260C	95-49-8	2-Chlorotoluene	UJ
SB03_9-11	SW8260C	591-78-6	2-Hexanone	UJ
SB03_9-11	SW8260C	106-43-4	4-Chlorotoluene	UJ
SB03_9-11	SW8260C	622-96-8	4-Ethyltoluene	UJ
SB03_9-11	SW8260C	67-64-1	Acetone	J
SB03_9-11	SW8260C	107-13-1	Acrylonitrile	UJ
SB03_9-11	SW8260C	71-43-2	Benzene	J
SB03_9-11	SW8260C	108-86-1	Bromobenzene	UJ
SB03_9-11	SW8260C	74-97-5	Bromochloromethane	UJ
SB03_9-11	SW8260C	75-27-4	Bromodichloromethane	UJ
SB03_9-11	SW8260C	75-25-2	Bromoform	UJ
SB03_9-11	SW8260C	74-83-9	Bromomethane	UJ
SB03_9-11	SW8260C	75-15-0	Carbon disulfide	UJ
SB03_9-11	SW8260C	56-23-5	Carbon tetrachloride	UJ
SB03_9-11	SW8260C	108-90-7	Chlorobenzene	UJ
SB03_9-11	SW8260C	75-00-3	Chloroethane	UJ
SB03_9-11	SW8260C	67-66-3	Chloroform	UJ
SB03_9-11	SW8260C	74-87-3	Chloromethane	UJ
SB03_9-11	SW8260C	156-59-2	cis-1,2-Dichloroethene	UJ
SB03_9-11	SW8260C	10061-01-5	cis-1,3-Dichloropropene	UJ
SB03_9-11	SW8260C	99-87-6	Cymene	UJ
SB03_9-11	SW8260C	124-48-1	Dibromochloromethane	UJ
SB03_9-11	SW8260C	74-95-3	Dibromomethane	UJ
SB03_9-11	SW8260C	75-71-8	Dichlorodifluoromethane	UJ
SB03_9-11	SW8260C	540-59-0	Dichloroethylenes	UJ
SB03_9-11	SW8260C	60-29-7	Diethyl Ether	UJ
SB03_9-11	SW8260C	100-41-4	Ethylbenzene	UJ
SB03_9-11	SW8260C	87-68-3	Hexachlorobutadiene	UJ
SB03_9-11	SW8260C	98-82-8	Isopropylbenzene	J
SB03_9-11	SW8260C	179601-23-1	m,p-Xylenes	UJ
SB03_9-11	SW8260C	78-93-3	2-Butanone	UJ
SB03_9-11	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
SB03_9-11	SW8260C	75-09-2	Methylene chloride	UJ
SB03_9-11	SW8260C	91-20-3	Naphthalene	UJ
SB03_9-11	SW8260C	104-51-8	N-Butylbenzene	UJ

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SB03_9-11	SW8260C	103-65-1	N-Propylbenzene	UJ
SB03_9-11	SW8260C	95-47-6	o-Xylene	UJ
SB03_9-11	SW8260C	135-98-8	sec-Butylbenzene	J
SB03_9-11	SW8260C	100-42-5	Styrene	UJ
SB03_9-11	SW8260C	98-06-6	T-Butylbenzene	J
SB03_9-11	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB03_9-11	SW8260C	127-18-4	Tetrachloroethene	J
SB03_9-11	SW8260C	108-88-3	Toluene	UJ
SB03_9-11	SW8260C	542-75-6	l 1,3-Dichloropropene (cis and tr	UJ
SB03_9-11	SW8260C	156-60-5	trans-1,2-Dichloroethene	UJ
SB03_9-11	SW8260C	10061-02-6	trans-1,3-Dichloropropene	UJ
SB03_9-11	SW8260C	110-57-6	trans-1,4-Dichloro-2-butene	UJ
SB03_9-11	SW8260C	79-01-6	Trichloroethene	J
SB03_9-11	SW8260C	75-69-4	Trichlorofluoromethane	UJ
SB03_9-11	SW8260C	108-05-4	Vinyl acetate	UJ
SB03_9-11	SW8260C	75-01-4	Vinyl chloride	UJ
SB03_9-11	SW8260C	1330-20-7	Xylenes	UJ
SB03_9-11	SW8270D	51-28-5	2,4-Dinitrophenol	UJ
SB03_9-11	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	UJ
SB04_1-3	SW8082A	12674-11-2	PCB-1016	UJ
SB04_1-3	SW8260C	74-97-5	Bromochloromethane	UJ
SB04_1-3	SW8260C	74-83-9	Bromomethane	UJ
SB04_1-3	SW8260C	75-00-3	Chloroethane	UJ
SB04_1-3	SW8260C	104-51-8	N-Butylbenzene	UJ
SB04_1-3	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB04_1-3	SW8270D	95-95-4	2,4,5-Trichlorophenol	UJ
SB04_1-3	SW8270D	88-06-2	2,4,6-Trichlorophenol	UJ
SB04_1-3	SW8270D	120-83-2	2,4-Dichlorophenol	UJ
SB04_1-3	SW8270D	105-67-9	2,4-Dimethylphenol	UJ
SB04_1-3	SW8270D	51-28-5	2,4-Dinitrophenol	UJ
SB04_1-3	SW8270D	95-57-8	2-Chlorophenol	UJ
SB04_1-3	SW8270D	95-48-7	2-Methylphenol	UJ
SB04_1-3	SW8270D	88-75-5	2-Nitrophenol	UJ
SB04_1-3	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	UJ
SB04_1-3	SW8270D	59-50-7	4-Chloro-3-methylphenol	UJ
SB04_1-3	SW8270D	100-02-7	4-Nitrophenol	UJ
SB04_1-3	SW8270D	77-47-4	Hexachlorocyclopentadiene	UJ
SB04_1-3	SW8270D	65794-96-9	3- & 4-Methylphenol	UJ
SB04_1-3	SW8270D	87-86-5	Pentachlorophenol	UJ
SB04_1-3	SW8270D	108-95-2	Phenol	UJ
SB04_1-3	SW9012B	57-12-5	Cyanide	UJ
SB04_7-9	SW8260C	74-97-5	Bromochloromethane	UJ
SB04_7-9	SW8260C	74-83-9	Bromomethane	U(230)
SB04_7-9	SW8260C	75-00-3	Chloroethane	UJ

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SB04_7-9	SW8260C	104-51-8	N-Butylbenzene	UJ
SB04_7-9	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SB04_7-9	SW8270D	77-47-4	Hexachlorocyclopentadiene	UJ
SODUP01_0320	SW8260C	630-20-6	1,1,1,2-Tetrachloroethane	UJ
SODUP01_0320	SW8260C	71-55-6	1,1,1-Trichloroethane	UJ
SODUP01_0320	SW8260C	79-34-5	1,1,2,2-Tetrachloroethane	UJ
SODUP01_0320	SW8260C	79-00-5	1,1,2-Trichloroethane	UJ
SODUP01_0320	SW8260C	75-34-3	1,1-Dichloroethane	UJ
SODUP01_0320	SW8260C	75-35-4	1,1-Dichloroethene	UJ
SODUP01_0320	SW8260C	563-58-6	1,1-Dichloropropene	UJ
SODUP01_0320	SW8260C	87-61-6	1,2,3-Trichlorobenzene	UJ
SODUP01_0320	SW8260C	96-18-4	1,2,3-Trichloropropane	UJ
SODUP01_0320	SW8260C	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
SODUP01_0320	SW8260C	120-82-1	1,2,4-Trichlorobenzene	UJ
SODUP01_0320	SW8260C	95-63-6	1,2,4-Trimethylbenzene	UJ
SODUP01_0320	SW8260C	96-12-8	1,2-Dibromo-3-chloropropane	UJ
SODUP01_0320	SW8260C	106-93-4	1,2-Dibromoethane	UJ
SODUP01_0320	SW8260C	95-50-1	1,2-Dichlorobenzene	UJ
SODUP01_0320	SW8260C	107-06-2	1,2-Dichloroethane	UJ
SODUP01_0320	SW8260C	78-87-5	1,2-Dichloropropane	UJ
SODUP01_0320	SW8260C	108-67-8	1,3,5-Trimethylbenzene	UJ
SODUP01_0320	SW8260C	541-73-1	1,3-Dichlorobenzene	UJ
SODUP01_0320	SW8260C	142-28-9	1,3-Dichloropropane	UJ
SODUP01_0320	SW8260C	106-46-7	1,4-Dichlorobenzene	UJ
SODUP01_0320	SW8260C	105-05-5	1,4-Diethyl benzene	UJ
SODUP01_0320	SW8260C	123-91-1	1,4-Dioxane	UJ
SODUP01_0320	SW8260C	594-20-7	2,2-Dichloropropane	UJ
SODUP01_0320	SW8260C	95-49-8	2-Chlorotoluene	UJ
SODUP01_0320	SW8260C	591-78-6	2-Hexanone	UJ
SODUP01_0320	SW8260C	106-43-4	4-Chlorotoluene	UJ
SODUP01_0320	SW8260C	622-96-8	4-Ethyltoluene	UJ
SODUP01_0320	SW8260C	67-64-1	Acetone	UJ
SODUP01_0320	SW8260C	107-13-1	Acrylonitrile	UJ
SODUP01_0320	SW8260C	71-43-2	Benzene	UJ
SODUP01_0320	SW8260C	108-86-1	Bromobenzene	UJ
SODUP01_0320	SW8260C	74-97-5	Bromochloromethane	UJ
SODUP01_0320	SW8260C	75-27-4	Bromodichloromethane	UJ
SODUP01_0320	SW8260C	75-25-2	Bromoform	UJ
SODUP01_0320	SW8260C	74-83-9	Bromomethane	UJ
SODUP01_0320	SW8260C	75-15-0	Carbon disulfide	UJ
SODUP01_0320	SW8260C	56-23-5	Carbon tetrachloride	UJ
SODUP01_0320	SW8260C	108-90-7	Chlorobenzene	UJ
SODUP01_0320	SW8260C	75-00-3	Chloroethane	UJ
SODUP01_0320	SW8260C	67-66-3	Chloroform	UJ

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
SODUP01_0320	SW8260C	74-87-3	Chloromethane	UJ
SODUP01_0320	SW8260C	156-59-2	cis-1,2-Dichloroethene	UJ
SODUP01_0320	SW8260C	10061-01-5	cis-1,3-Dichloropropene	UJ
SODUP01_0320	SW8260C	99-87-6	Cymene	UJ
SODUP01_0320	SW8260C	124-48-1	Dibromochloromethane	UJ
SODUP01_0320	SW8260C	74-95-3	Dibromomethane	UJ
SODUP01_0320	SW8260C	75-71-8	Dichlorodifluoromethane	UJ
SODUP01_0320	SW8260C	540-59-0	Dichloroethylenes	UJ
SODUP01_0320	SW8260C	60-29-7	Diethyl Ether	UJ
SODUP01_0320	SW8260C	100-41-4	Ethylbenzene	UJ
SODUP01_0320	SW8260C	87-68-3	Hexachlorobutadiene	UJ
SODUP01_0320	SW8260C	98-82-8	Isopropylbenzene	UJ
SODUP01_0320	SW8260C	179601-23-1	m,p-Xylenes	UJ
SODUP01_0320	SW8260C	78-93-3	2-Butanone	UJ
SODUP01_0320	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
SODUP01_0320	SW8260C	75-09-2	Methylene chloride	UJ
SODUP01_0320	SW8260C	91-20-3	Naphthalene	UJ
SODUP01_0320	SW8260C	104-51-8	N-Butylbenzene	UJ
SODUP01_0320	SW8260C	103-65-1	N-Propylbenzene	UJ
SODUP01_0320	SW8260C	95-47-6	o-Xylene	UJ
SODUP01_0320	SW8260C	135-98-8	sec-Butylbenzene	UJ
SODUP01_0320	SW8260C	100-42-5	Styrene	UJ
SODUP01_0320	SW8260C	98-06-6	T-Butylbenzene	UJ
SODUP01_0320	SW8260C	1634-04-4	tert-Butyl methyl ether	UJ
SODUP01_0320	SW8260C	127-18-4	Tetrachloroethene	UJ
SODUP01_0320	SW8260C	108-88-3	Toluene	UJ
SODUP01_0320	SW8260C	542-75-6	l 1,3-Dichloropropene (cis and tr	UJ
SODUP01_0320	SW8260C	156-60-5	trans-1,2-Dichloroethene	UJ
SODUP01_0320	SW8260C	10061-02-6	trans-1,3-Dichloropropene	UJ
SODUP01_0320	SW8260C	110-57-6	trans-1,4-Dichloro-2-butene	UJ
SODUP01_0320	SW8260C	79-01-6	Trichloroethene	J
SODUP01_0320	SW8260C	75-69-4	Trichlorofluoromethane	UJ
SODUP01_0320	SW8260C	108-05-4	Vinyl acetate	UJ
SODUP01_0320	SW8260C	75-01-4	Vinyl chloride	UJ
SODUP01_0320	SW8260C	1330-20-7	Xylenes	UJ
SODUP02_0320	6010D	7440-38-2	Arsenic	J
SODUP02_0320	6010D	7440-39-3	Barium	J
SODUP02_0320	6010D	7440-43-9	Cadmium	J
SODUP02_0320	6010D	7440-50-8	Copper	J
SODUP02_0320	6010D	7439-92-1	Lead	J
SODUP02_0320	6010D	7440-09-7	Potassium	J
SODUP02_0320	6010D	7440-23-5	Sodium	J
SODUP02_0320	6010D	7440-66-6	Zinc	J
SODUP02_0320	SW8082A	12674-11-2	PCB-1016	UJ

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
SODUP02_0320	SW8270D	51-28-5	2,4-Dinitrophenol	UJ
SODUP02_0320	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	UJ
SODUP02_0320	SW8270D	120-12-7	Anthracene	J
SODUP02_0320	SW8270D	56-55-3	Benzo(a)anthracene	J
SODUP02_0320	SW8270D	50-32-8	Benzo(a)pyrene	J
SODUP02_0320	SW8270D	205-99-2	Benzo(b)fluoranthene	J
SODUP02_0320	SW8270D	191-24-2	Benzo(g,h,i)perylene	J
SODUP02_0320	SW8270D	207-08-9	Benzo(k)fluoranthene	J
SODUP02_0320	SW8270D	218-01-9	Chrysene	J
SODUP02_0320	SW8270D	206-44-0	Fluoranthene	J
SODUP02_0320	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	J
SODUP02_0320	SW8270D	85-01-8	Phenanthrene	J
SODUP02_0320	SW8270D	129-00-0	Pyrene	J
SODUP02_0320	SW9012B	57-12-5	Cyanide	UJ

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Paul McMahon, Langan Senior Project Manager

From: Joe Conboy, Langan Staff Chemist

Date: April 9, 2021

Re: Data Usability Summary Report
For 514 Union Street
March 2021 Soil Samples
Langan Project No.: 170361303

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of soil samples collected in March 2021 by Langan Engineering and Environmental Services ("Langan") at the 514 Union Street site ("the site"). The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), herbicides, polychlorinated biphenyls (PCBs), pesticides, herbicides, metals including mercury (Hg), cyanide (CN), hexavalent chromium (CrVI), trivalent chromium (CrIII), and total solids (%S) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270D SIM
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/6020B
- Mercury by SW-846 Method 7471B/7470A
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)
- Total Solids by Standard Method 2540G

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1), USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0), USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1), USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1), the USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), the USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017) and the specifics of the methods employed.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, sample preservation, sample extraction and digestion, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, system monitoring compounds, internal standard area counts, matrix spike/spike duplicate recoveries, target compound identification and quantification, chromatograms, overall system performance, serial dilutions, dual column performance, field duplicate, trip blank and field blank sample results.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2113990

The initial calibration (ICAL) for instrument VOA123 exhibited response factors (RFs) below the control limit for 1,4-dioxane (0.002) and acetone (0.066). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The initial calibration verification (ICV) analyzed on 2/23/2021 at 19:50 exhibited a percent difference (%D) above the control limit for carbon disulfide (-21.1%). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 2/23/2021 at 19:50 exhibited RFs below the control limit for 1,4-dioxane (0.00218) and acetone (0.066). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

The continuing calibration verification (CCV) analyzed on 3/24/2021 at 06:56 exhibited RFs below the control limit for 1,4-dioxane (0.00192) and acetone (0.065). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

L2114067

Sample SB03_19-21 exhibited a percent recovery above the upper control limit (UCL) for the surrogate 4-bromofluorobenzene (161%). The associated detected results are qualified as "J" based on potential high bias.

Sample SB03_19-21 exhibited a percent recovery below the lower control limit (LCL) for the internal standard chlorobenzene-d5 (207%). The associated detected results are qualified as "J" based on potential high bias.

The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for batch WG1478444 exhibited a percent recovery above the UCL for bromomethane (181%, 177%). The associated result in SB04_7-9 is qualified as "J" based on potential high bias. The associated result in sample SB04_1-3 was a non-detection, so no qualification was required.

The ICAL for instrument VOA127 exhibited RFs below the control limit for 4-methyl-2-pentanone (0.089), 1,4-dioxane (0.002), and 2-butanone (0.075). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 3/15/2021 at 00:55 exhibited a %D above the control limit for bromomethane (-53.7%). The associated results in samples SB04_1-3, SB04_7-9, SB03_4-6, SB03_19-21, SB02_4-6, and SODUP01_032121 are qualified as "UJ" based on potential indeterminate bias.

The ICV analyzed on 3/18/2021 at 07:15 exhibited %Ds above the control limits for chloromethane (-23.8%) and bromomethane (-22.9%) and RFs below the control limits for 4-methyl-2-pentanone (0.078), 1,4-dioxane (0.00192), and 2-butanone (0.068). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 05:47 exhibited %Ds above the control limit for bromomethane (-81.2%), chloroethane (-45.4%), methyl tert-butyl ether (21.1%), bromochloromethane (21.6%), and n-butylbenzene (-24.3%). The associated results in samples SB04_1-3, SB04_7-9, SB03_4-6, and SODUP01_032121 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 15:27 exhibited %Ds above the control limit for dichlorodifluoromethane (-33.7%), chloromethane (-28.8%), carbon disulfide (-21.4%), acetone (21.5%), vinyl acetate (22.3%), 4-methyl-2-pentanone (22.5%), and 2-hexanone (20.1%). The CCV also exhibited RFs below the control limits for 4-methyl-2-pentanone (0.069), 1,4-dioxane

(0.00166), and 2-butanone (0.06). The associated results in samples SB03_9-11 and SB02_7-9 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 16:58 exhibited %Ds above the control limit for bromomethane (-73.8%), chloroethane (-32.3%), methyl tert-butyl ether (21.7%), and bromochloromethane (23.9%). The associated results in sample SB02_4-6 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/24/2021 at 16:58 exhibited a RF below the control limit for trichloroethene (0.194). The associated result in sample SB02_4-6 is qualified as "J" based on potential indeterminate bias.

The CCV analyzed on 4/1/2021 at 18:35 exhibited %Ds above the control limit for chloromethane (22.7%), bromomethane (-49.7%), acrylonitrile (20.4%), bromochloromethane (20.9%), 2-butanone (23.4%), 4-methyl-2-pentanone (22.7%), and 2-hexanone (22.8%). The associated results in sample SB03_19-21 are qualified as "UJ" based on potential indeterminate bias.

The MB for batch WG1478444 exhibited a detection of bromomethane (68 ug/kg). The associated result in sample SB04_7-9 is qualified as "U" at the reporting limit based on potential blank contamination. The associated result in sample SB04_1-3 is a non-detection so no qualification is required.

SVOCs by SW-846 Method 8270D

L2113990

The CCV analyzed on 3/25/2021 at 07:54 exhibited %Ds above the control limit for bis(2-chloroisopropyl)ether (-36.5%) and n-nitroso-di-n-propylamine (-20.1%). The associated results in samples SB01_3-5 and SB01_9-11 are qualified as "UJ" based on potential indeterminate bias.

L2114067

Sample SB04_1-3 exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (18%) and 2,4,6-tribromophenol (3%). The associated acid fraction results are qualified as "UJ" based on potential low bias.

The CCV analyzed on 3/25/2021 at 07:53 exhibited %Ds above the control limit for 2,4-dinitrophenol (-21.1%) and 4,6-dinitro-o-cresol (-21.2%). The associated results in samples SB03_4-6, SB03_9-11, SB02_7-9, and SODUP02_032021 are qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/25/2021 at 17:11 exhibited a %D above the control limit for hexachlorocyclopentadiene (24.9%). The associated results in samples SB04_1-3, SB04_7-9, and SB02_4-6 are qualified as "UJ" based on potential indeterminate bias.

PCBs by SW-846 Method 8082A

L2113990

The LCS/LCSD for batch WG1478430 exhibited a relative percent difference (RPD) above the control limit for PCB-1016 (51%). The associated result in sample SB01_3-5 is qualified as "UJ" based on potential indeterminate bias.

L2114067

The LCS/LCSD for batch WG1478430 exhibited a RPD above the control limit for PCB-1016 (51%). The associated results in samples SB04_1-3, SB03_4-6, SB02_4-6, and SODUP02_032021 are qualified as "UJ" based on potential indeterminate bias.

Metals by SW-846 Method 6010D

L2114067

The method blank (MB) for batch WG1477434 exhibited detections of chromium (0.044 mg/kg), iron (0.452 mg/kg), manganese (0.14 mg/kg), potassium (6.92 mg/kg), and sodium (8.22 mg/kg). The associated sodium results for samples SB02_4-6 and SB02_7-9 are qualified "U" at the reporting limit based on potential bias. The other associated results are >10X the contamination. No qualification is necessary.

Cyanide by SW-846 Method 9012B

L2113990

The LCS/LCSD for batch WG1478171 exhibited a percent recovery below the LCL for cyanide (71%, 66%). The associated results in sample SB01_3-5 are qualified as "UJ" based on potential low bias.

L2114067

The LCSD for batch WG1478171 exhibited a percent recovery below the LCL for cyanide (66%). The associated results in sample SB04_1-3, SB03_4-6, SB02_4-6, and SODUP02_032021 are qualified as "J" or "UJ" based on potential low bias.

Sample Integrity

L2114067

Sample aliquots for Method 8260C analyses were taken from inappropriate samples containers for samples SB03_9-11 and SB02_7-9. The associated results were qualified "J" for detections and "UJ" for non-detections based on potential low bias.

Total solids analyses was not performed for samples SB03_9-11 and SB02_7-9 due to insufficient sample matrix. Total solids values from similar samples were used for calculating dry weight basis for these samples. The associated results were qualified "J" for detections and "UJ" for non-detections based on potential bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2113990

The MB for batch WG1478238 exhibited detections of bromomethane (1 ug/kg) and 2-butanone (2.6 ug/kg). The associated results are non-detections. No qualification is necessary.

L2114067

The LCS/LCSD for batch WG1478443 exhibited a percent recovery above the UCL for bromomethane (181%, 177%). The associated results are non-detections. No qualification is necessary.

The LCS for batch WG1481845 exhibited a percent recovery above the UCL for bromomethane (150%). The associated results are non-detections. No qualification is necessary.

The LCS/LCSD for batch WG1478585 exhibited a percent recovery above the UCL for bromomethane (174%, 166%). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478443 exhibited a detection of bromomethane (1.4 ug/kg). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478585 exhibited a detection of bromomethane (1.6 ug/kg). The associated results are non-detections. No qualification is necessary.

The MB for batch WG1478585 exhibited a detection of trichloroethene (0.19 ug/kg). The associated results were previously qualified. No further action is necessary.

The MB for batch WG1481845-5 exhibited a detection of bromomethane (86 ug/kg). The associated results were previously qualified. No further action is necessary.

SVOCs by SW-846 Method 8270D

L2113990

The field blank, FB01_031921, exhibited detections of benzo(b)fluoranthene (0.2 ug/L), benzo(g,h,i)perylene (0.2 ug/L), benzo(k)fluoranthene (0.2 ug/L), dibenz(a,h)anthracene (0.2 ug/L), and indeno(1,2,3-cd)pyrene (0.2 ug/L). The associated results are >10X the contamination. No qualification is necessary.

Herbicides by SW-846 Method 8151A

L2114067

Sample SB02_4-6 exhibited a percent recovery below the LCL for the surrogate 2,4-DCAA (0%). The sample was diluted >10X. No qualification is necessary.

Pesticides by SW-846 Method 8081B

L2114067

Sample SB04_1-3 exhibited percent recoveries above the UCL for the surrogates tetrachloro-m-xylene (267%) and decachlorobiphenyl (485%). The associated results are non-detections. No qualification is necessary.

Sample SB02_406 exhibited percent recoveries below the LCL for the surrogates tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%). The sample was diluted >10X. No qualification is necessary.

Metals by SW-846 Method 6010D

L2113990

The field blank, FB01_031921, exhibited a detection of barium (0.00019 mg/L). The associated results are >10X the contamination. No qualification is necessary.

The MB for batch WG1477434 exhibited detections of chromium (0.044 mg/kg), iron (0.452 mg/kg), manganese (0.14 mg/kg), potassium (6.92 mg/kg), and sodium (8.22 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

FIELD DUPLICATE SUMMARY:

Two field duplicate and parent sample pairs were collected and analyzed for the parameters listed in Table 1. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to the precision criteria:

- SODUP01_032021 and SB03_4-6
- SODUP02_032021 and SB01_3-5

The field duplicate and parent sample (SB01_3-5/SODUP02_032021) exhibited RPDs above the control limit for arsenic (63.3%), barium (51.9%), calcium (61.8%), copper (76.8%), lead (140.3%), potassium (73.5%), sodium (98.7%), zinc (120.8%), anthracene (164.4%), benzo(a)anthracene (160.9%), benzo(a)pyrene (157.1%), benzo(b)fluoranthene (163.6%), benzo(g,h,i)perylene (172.8%), benzo(k)fluoranthene (145.5%), chrysene (163.6%), fluoranthene (162.2%), indeno(1,2,3-cd)pyrene (168.9%), phenathrene (165.4%), and pyrene (165.2%). The associated results are qualified as "J" based on potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

Data Usability Summary Report
For 514 Union Street
March 2021 Groundwater Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Analytical Parameters
L2114070	L2114070-01	MW02_032121	3/21/2021	VOCs, SVOCs, SVOC SIM
L2114070	L2114070-02	MW03_032121	3/21/2021	VOCs, SVOCs, SVOC SIM
L2114070	L2114070-03	MW04_032121	3/21/2021	VOCs, SVOCs, SVOC SIM, Pests, PCBs, Herbs, Metals, Hg, CrVI, CrIII
L2114070	L2114070-04	TB01_032121	3/21/2021	VOCs
L2114066	L2114066-01	MW01_032021	3/22/2021	VOCs, SVOCs, SVOC SIM, Pests, PCBs, Herbs, Metals, Hg, CrVI, CrIII
L2114066	L2114066-02	GWDUP01_032021	3/22/2021	VOCs, SVOCs, SVOC SIM, Pests, PCBs, Herbs, Metals, Hg, CrVI, CrIII

Data Usability Summary Report
For 514 Union Street
March 2021 Groundwater Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
MW02_032121	SW8260C	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
MW02_032121	SW8260C	123-91-1	1,4-Dioxane	UJ
MW02_032121	SW8260C	78-93-3	2-Butanone	UJ
MW02_032121	SW8260C	591-78-6	2-Hexanone	UJ
MW02_032121	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
MW02_032121	SW8260C	67-64-1	Acetone	J
MW02_032121	SW8260C	107-13-1	Acrylonitrile	UJ
MW02_032121	SW8260C	75-25-2	Bromoform	UJ
MW02_032121	SW8260C	91-20-3	Naphthalene	J
MW02_032121	SW8260C	79-01-6	Trichloroethene	J
MW02_032121	SW8270DSIM	87-86-5	Pentachlorophenol	UJ
MW03_032121	SW8260C	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
MW03_032121	SW8260C	123-91-1	1,4-Dioxane	UJ
MW03_032121	SW8260C	78-93-3	2-Butanone	UJ
MW03_032121	SW8260C	591-78-6	2-Hexanone	UJ
MW03_032121	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
MW03_032121	SW8260C	67-64-1	Acetone	J
MW03_032121	SW8260C	107-13-1	Acrylonitrile	UJ
MW03_032121	SW8260C	75-25-2	Bromoform	UJ
MW03_032121	SW8260C	91-20-3	Naphthalene	J
MW03_032121	SW8260C	79-01-6	Trichloroethene	J
MW03_032121	SW8270DSIM	205-99-2	Benzo(B)Fluoranthene	J
MW03_032121	SW8270DSIM	207-08-9	Benzo(K)Fluoranthene	J
MW03_032121	SW8270DSIM	87-86-5	Pentachlorophenol	UJ
MW04_032121	SW8081B	72-54-8	4,4'-DDD	UJ
MW04_032121	SW8081B	72-55-9	4,4'-DDE	UJ
MW04_032121	SW8081B	50-29-3	4,4'-DDT	UJ
MW04_032121	SW8081B	309-00-2	Aldrin	UJ
MW04_032121	SW8081B	319-84-6	Alpha-BHC	UJ
MW04_032121	SW8081B	319-85-7	Beta-BHC	UJ
MW04_032121	SW8081B	57-74-9	Chlordane	UJ
MW04_032121	SW8081B	319-86-8	Delta-BHC	UJ
MW04_032121	SW8081B	60-57-1	Dieldrin	UJ
MW04_032121	SW8081B	959-98-8	Endosulfan I	UJ
MW04_032121	SW8081B	33213-65-9	Endosulfan II	UJ
MW04_032121	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
MW04_032121	SW8081B	72-20-8	Endrin	UJ
MW04_032121	SW8081B	7421-93-4	Endrin Aldehyde	UJ
MW04_032121	SW8081B	53494-70-5	Endrin Ketone	UJ
MW04_032121	SW8081B	76-44-8	Heptachlor	UJ
MW04_032121	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
MW04_032121	SW8081B	58-89-9	Lindane	UJ
MW04_032121	SW8081B	72-43-5	Methoxychlor	UJ
MW04_032121	SW8081B	8001-35-2	Toxaphene	UJ

Data Usability Summary Report
For 514 Union Street
March 2021 Groundwater Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
MW04_032121	SW8081B	5103-71-9	Cis-Chlordane	UJ
MW04_032121	SW8081B	5103-74-2	Trans-Chlordane	UJ
MW04_032121	SW8260C	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
MW04_032121	SW8260C	123-91-1	1,4-Dioxane	UJ
MW04_032121	SW8260C	78-93-3	2-Butanone	UJ
MW04_032121	SW8260C	591-78-6	2-Hexanone	UJ
MW04_032121	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
MW04_032121	SW8260C	67-64-1	Acetone	UJ
MW04_032121	SW8260C	107-13-1	Acrylonitrile	UJ
MW04_032121	SW8260C	75-25-2	Bromoform	UJ
MW04_032121	SW8260C	91-20-3	Naphthalene	J
MW04_032121	SW8260C	79-01-6	Trichloroethene	J
MW04_032121	SW8270DSIM	87-86-5	Pentachlorophenol	UJ
MW01_032021	SW8260C	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
MW01_032021	SW8260C	123-91-1	1,4-Dioxane	UJ
MW01_032021	SW8151A	93-76-5	2,4,5-T	UJ
MW01_032021	SW8260C	78-93-3	2-Butanone	UJ
MW01_032021	SW8260C	591-78-6	2-Hexanone	UJ
MW01_032021	SW8081B	72-54-8	4,4'-DDD	UJ
MW01_032021	SW8081B	72-55-9	4,4'-DDE	UJ
MW01_032021	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
MW01_032021	SW8260C	67-64-1	Acetone	J
MW01_032021	SW8260C	107-13-1	Acrylonitrile	UJ
MW01_032021	SW8081B	309-00-2	Aldrin	UJ
MW01_032021	SW8081B	319-84-6	Alpha-BHC	UJ
MW01_032021	SW6020B	7440-39-3	Barium, Dissolved	J
MW01_032021	SW8081B	319-85-7	Beta-BHC	UJ
MW01_032021	SW8260C	75-25-2	Bromoform	UJ
MW01_032021	SW8081B	57-74-9	Chlordane	UJ
MW01_032021	SW8081B	5103-71-9	Cis-Chlordane	UJ
MW01_032021	SW8081B	319-86-8	Delta-BHC	UJ
MW01_032021	SW8081B	60-57-1	Dieldrin	UJ
MW01_032021	SW8081B	959-98-8	Endosulfan I	UJ
MW01_032021	SW8081B	33213-65-9	Endosulfan II	UJ
MW01_032021	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
MW01_032021	SW8081B	72-20-8	Endrin	UJ
MW01_032021	SW8081B	7421-93-4	Endrin Aldehyde	UJ
MW01_032021	SW8081B	53494-70-5	Endrin Ketone	UJ
MW01_032021	SW8081B	76-44-8	Heptachlor	UJ
MW01_032021	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
MW01_032021	SW8081B	58-89-9	Lindane	UJ
MW01_032021	SW6020B	7439-96-5	Manganese, Dissolved	J
MW01_032021	SW8081B	72-43-5	Methoxychlor	UJ
MW01_032021	SW8260C	91-20-3	Naphthalene	UJ

Data Usability Summary Report
For 514 Union Street
March 2021 Groundwater Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
MW01_032021	SW8270DSIM	87-86-5	Pentachlorophenol	UJ
MW01_032021	SW6020B	7440-28-0	Dissolved Thallium	U (0.0005)
MW01_032021	SW8081B	8001-35-2	Toxaphene	UJ
MW01_032021	SW8081B	5103-74-2	Trans-Chlordane	UJ
MW01_032021	SW8260C	79-01-6	Trichloroethene	J
GWDUP01_032(	SW8260C	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
GWDUP01_032(	SW8260C	123-91-1	1,4-Dioxane	UJ
GWDUP01_032(	SW8151A	93-76-5	2,4,5-T	UJ
GWDUP01_032(	SW8260C	78-93-3	2-Butanone	UJ
GWDUP01_032(	SW8260C	591-78-6	2-Hexanone	UJ
GWDUP01_032(	SW8081B	72-54-8	4,4'-DDD	UJ
GWDUP01_032(	SW8081B	72-55-9	4,4'-DDE	UJ
GWDUP01_032(	SW8260C	108-10-1	4-Methyl-2-Pentanone	UJ
GWDUP01_032(	SW8260C	67-64-1	Acetone	J
GWDUP01_032(	SW8260C	107-13-1	Acrylonitrile	UJ
GWDUP01_032(	SW8081B	309-00-2	Aldrin	UJ
GWDUP01_032(	SW8081B	319-84-6	Alpha-BHC	UJ
GWDUP01_032(	SW6020B	7440-39-3	Barium, Dissolved	J
GWDUP01_032(	SW8081B	319-85-7	Beta-BHC	UJ
GWDUP01_032(	SW8260C	75-25-2	Bromoform	UJ
GWDUP01_032(	SW8081B	57-74-9	Chlordane	UJ
GWDUP01_032(	SW8081B	5103-71-9	Cis-Chlordane	UJ
GWDUP01_032(	SW8081B	319-86-8	Delta-BHC	UJ
GWDUP01_032(	SW8081B	60-57-1	Dieldrin	UJ
GWDUP01_032(	SW8081B	959-98-8	Endosulfan I	UJ
GWDUP01_032(	SW8081B	33213-65-9	Endosulfan II	UJ
GWDUP01_032(	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
GWDUP01_032(	SW8081B	72-20-8	Endrin	UJ
GWDUP01_032(	SW8081B	7421-93-4	Endrin Aldehyde	UJ
GWDUP01_032(	SW8081B	53494-70-5	Endrin Ketone	UJ
GWDUP01_032(	SW8081B	76-44-8	Heptachlor	UJ
GWDUP01_032(	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
GWDUP01_032(	SW8081B	58-89-9	Lindane	UJ
GWDUP01_032(	SW6020B	7439-96-5	Manganese, Dissolved	J
GWDUP01_032(	SW8081B	72-43-5	Methoxychlor	UJ
GWDUP01_032(	SW8260C	91-20-3	Naphthalene	UJ
GWDUP01_032(	SW8270DSIM	87-86-5	Pentachlorophenol	UJ
GWDUP01_032(	SW8081B	8001-35-2	Toxaphene	UJ
GWDUP01_032(	SW8081B	5103-74-2	Trans-Chlordane	UJ
GWDUP01_032(	SW8260C	79-01-6	Trichloroethene	J

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Paul McMahon, Langan Senior Project Manager

From: Joe Conboy, Langan Staff Chemist

Date: April 7, 2021

Re: Data Usability Summary Report
For 514 Union Street
March 2021 Soil Vapor and Air Samples
Langan Project No.: 170361303

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in March 2021 by Langan Engineering and Environmental Services ("Langan") at the 514 Union Street site ("the site"). The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #s 10854 and 1205) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6), the USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), and the specifics of the methods employed.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, sample preservation, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, internal standard area counts, target compound identification and quantification, chromatograms, and overall system performance.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

21C1032

The Summa canister for sample SSV01_031921 was received by the laboratory at a vacuum less than 2" Hg. The associated results are qualified "J" based on a potential bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Vapor and Air Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Analytical Parameters
21C1032	21C1032-1	SSV01_031921	3/19/2021	TO-15
21C1032	21C1032-2	SSV02_031921	3/19/2021	TO-15
21C1032	21C1032-3	SSV03_031921	3/19/2021	TO-15
21C1032	21C1032-4	SSV04_031921	3/19/2021	TO-15
21C1032	21C1032-5	IA01_031921	3/19/2021	TO-15
21C1032	21C1032-6	IA02_031921	3/19/2021	TO-15
21C1032	21C1032-7	IA03_031921	3/19/2021	TO-15
21C1032	21C1032-8	IA04_031921	3/19/2021	TO-15
21C1032	21C1032-9	AA01_031921	3/19/2021	TO-15

Data Usability Summary Report
For 514 Union Street
March 2021 Soil Vapor and Air Samples
Table 2: Validator-Applied Qualification

Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
SSV01_031921	TO15	67-64-1	Acetone	J
SSV01_031921	TO15	100-41-4	Ethylbenzene	J
SSV01_031921	TO15	108-10-1	4-Methyl-2-pentanone	J
SSV01_031921	TO15	108-67-8	1,3,5-Trimethylbenzene	J
SSV01_031921	TO15	108-88-3	Toluene	J
SSV01_031921	TO15	110-54-3	N-Hexane	J
SSV01_031921	TO15	110-82-7	Cyclohexane	J
SSV01_031921	TO15	115-07-1	Propylene	J
SSV01_031921	TO15	127-18-4	Tetrachloroethene	J
SSV01_031921	TO15	136777-61-2	m&p-Xylenes	J
SSV01_031921	TO15	142-82-5	N-Heptane	J
SSV01_031921	TO15	56-23-5	Carbon tetrachloride	J
SSV01_031921	TO15	591-78-6	2-Hexanone	J
SSV01_031921	TO15	622-96-8	4-Ethyltoluene	J
SSV01_031921	TO15	67-63-0	Isopropanol	J
SSV01_031921	TO15	67-66-3	Chloroform	J
SSV01_031921	TO15	71-43-2	Benzene	J
SSV01_031921	TO15	71-55-6	1,1,1-Trichloroethane	J
SSV01_031921	TO15	74-87-3	Chloromethane	J
SSV01_031921	TO15	75-01-4	Vinyl chloride	J
SSV01_031921	TO15	75-09-2	Methylene chloride	J
SSV01_031921	TO15	75-15-0	Carbon disulfide	J
SSV01_031921	TO15	75-69-4	Trichlorofluoromethane	J
SSV01_031921	TO15	75-71-8	Dichlorodifluoromethane	J
SSV01_031921	TO15	78-93-3	2-Butanone	J
SSV01_031921	TO15	79-01-6	Trichloroethene	J
SSV01_031921	TO15	80-62-6	Methyl Methacrylate	J
SSV01_031921	TO15	95-47-6	o-Xylene	J
SSV01_031921	TO15	95-63-6	1,2,4-Trimethylbenzene	J

APPENDIX B

HEALTH AND SAFETY PLAN

HEALTH AND SAFETY PLAN

for

514 UNION STREET
BROOKLYN, NEW YORK
Brooklyn Borough Tax Parcel
Block 440, Lot 12

Prepared For:

473 President LLC
51 East 12 Street, 7th Floor
New York, New York

Prepared By:

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

LANGAN

March 2022
Langan Project Number: 170361301

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***** Items to be posted prominently on site, or made readily available to personnel.

1.0 INTRODUCTION

1.1 General

This HEALTH AND SAFETY PLAN (HASP) was developed to address disturbance of known and reasonably anticipated subsurface contaminants and comply with Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1910.120(b)(4), *Hazardous Waste Operations and Emergency Response* during anticipated site work for the development located at 514 Union Street in the Gowanus neighborhood of Brooklyn, New York (the Site). The site is identified on the Brooklyn Borough Tax Map as Block 440, Lot 12.

This HASP provides the minimum requirements for implementing site operations during future remedial measure activities. All contractors performing work on this site shall implement their own HASP that, at a minimum, adheres to this HASP. The contractor is responsible for their own health and safety and that of their subcontractors. Langan personnel will implement this HASP while onsite.

The management of the day-to-day site activities and implementation of this HASP in the field is the responsibility of the site Langan Field Team Leader (FTL). Assistance in the implementation of this HASP can also be obtained from the Langan Health and Safety Officer (HSO) and the Langan Health and Safety Manager (HSM). Contractors operating on the site shall designate their own FTL, HSO and HSM. The content of this HASP may change or undergo revision based upon additional information made available to health and safety personnel, monitoring results, or changes in the work plan.

1.2 Site Location and Background

The approximately 17,000-square-foot site, identified as Brooklyn Borough Tax Block 440, Lot 12, is located in an urban area in the Gowanus neighborhood of Brooklyn, New York, and consists of a one story brick building occupied by the Royal Palms Shuffleboard Club. A site location map is included as Figure 1. The site has been occupied by commercial and industrial facilities since as early as 1886. Current and previous uses include the following:

- The Royal Palms Shuffleboard Club (2014 – present)
- Manufacturing and Storage (1993 – 2007)
- Dolin Metal Manufacturing Co. (1969 – 1992)
- Coca-Cola Bottling Co. of NY (1938 – 1950)
- Albro J. Newton Co. Trim and Planing Mill (1904 – 1915)
- Kenyon and Newton Sash and Door Factory (1886)

The site is located on the block bound by Union Street to the north, 3rd Street to the east, President Street to the south, and Nevins Street to the west. The south-adjoining parcel, 473 President Street, is in the NYSDEC BCP (BCP Site No. C224220). The east- and west-adjoining parcels, President Street Properties, are also in the NYSDEC BCP (BCP Site No. C224309). Surrounding properties include single- and multi-story buildings occupied by industrial, commercial and residential occupants. The Gowanus Canal (a National Priorities List [NPL] site) is located about 375 feet west of the site.

1.3 Summary of Work Tasks

1.3.1 Soil Investigation and Sampling

Langan will retain a drilling contractor to advance soil borings to a depth below grade surface (bgs) specified in the current or future work plan. Borings will be installed at the approximate locations indicated in Langan's work plan, and may be moved in the field based on utility clearance and accessibility. The drilling contractor will contact the appropriate utility mark-out authority and make available to their drilling staff the verification number and effective dates.

Langan personnel will screen soil for visual, olfactory, and instrumental indicators suggestive of a potential petroleum release. Instrument screening for the presence of volatile organic compounds (VOCs) may be performed with a calibrated photoionization detector (PID) equipped with a 10.6 electron volt (eV) bulb (or equivalent). Langan personnel will collect soil samples from the proposed soil boring locations following the sampling plan outlined in the work plan. The borings will be filled with clean soil cuttings or bentonite grout after samples are collected.

Soil samples will be submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory and analyzed in accordance with work plan specifications.

1.3.2 Groundwater Investigation and Sampling

New or existing groundwater monitoring wells may sampled to evaluate groundwater quality and remediation effectiveness. Groundwater samples will be collected in accordance with the Langan Low Flow Groundwater Sampling SOP (SOP #12). Groundwater samples will be submitted to an NYSDOH ELAP-certified laboratory and analyzed for constituents as specified in the work plan. The monitoring wells will be backfilled and abandoned in accordance with State and Local regulations at a later undetermined date.

1.3.3 Groundwater Sampling

Groundwater samples may be collected from one or more of the existing on-site monitoring wells in accordance with the Langan Low Flow Groundwater Sampling SOP (SOP #12). Groundwater samples will be submitted to an NYSDOH ELAP-certified laboratory and analyzed for constituents as specified in the work plan.

The investigative-derived waste (IDW) generated during this investigation may stockpiled as defined under the stockpile section (above) or contained in DOT-approved 55-gallon drums. The drums will be temporarily stored on the site or as directed by the client representative. All drums will be filled between to two-thirds full to allow easy maneuvering during drum pickup and disposal. Drum labels are to be provided by Langan (Environmental Closet). All drums will be labeled as "IDW Pending Analysis" until sample data are reported from the laboratory. Drum labels will include date filled and locations where waste was generated along with the standard information required by the labels in accordance with the Langan SOP09, Drum Labeling..

Closed top drums are to be used to store liquids. Debris, including plastic sheeting, polyethylene tubing, personal protection equipment (PPE), decontamination debris, etc. will be segregated from and disposed in large heavy duty garbage bags and disposed of at the site. Excess unused glassware should be returned to the lab along with the last day of collection samples.

1.3.4 Drum Sampling

Excess or impacted soil and water that is drummed during the remedial action activities must be labeled in accordance with the Langan Drum Labeling Standard Operating Procedure (SOP-#9). Langan personnel will collect drum samples, as required, prior to off-site drum disposal. Samples will be placed into laboratory-supplied batch-certified clean glassware and submitted to a NYSDOH ELAP-certified laboratory.

1.3.5 Equipment Decontamination

If necessary, Langan will decontaminate SSD system components as specified by the work plan and following manufacturer instructions. Decontamination wastes and purge water will be temporarily stored on site pending analytical results.

1.3.6 Management of Investigative-Derived Waste

The investigative-derived waste (IDW) generated during this investigation will be contained in DOT-approved 55-gallon drums. The drums will be temporarily stored on the site or as directed by the client representative. All drums will be filled between to two-thirds full to allow easy maneuvering during drum pickup and disposal. Drum labels are to be provided by Langan

(Environmental Closet). All drums will be labeled as "IDW Pending Analysis" until sample data are reported from the laboratory. Drum labels will include date filled and locations where waste was generated along with the standard information required by the labels in accordance with the Langan SOP09, Drum Labeling.

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2.0 IDENTIFICATION OF KEY PERSONNEL/HEALTH AND SAFETY PERSONNEL

The following briefly describes the health and safety (H&S) designations and general responsibilities that may be employed for this site. The titles have been established to accommodate the project needs and requirements and ensure the safe conduct of site activities. The H&S personnel requirements for a given work location are based upon the proposed site activities.

2.1 Langan Project Manager

The Langan Environmental Project Manager (PM) is Vinicius De Paula, his responsibilities include:

- Ensuring that this HASP is developed, current, and approved prior to on-site activities.
- Ensuring that all the tasks in the project are performed in a manner consistent with Langan's comprehensive *Health and Safety Program for Hazardous Waste Operations* and this HASP.

2.2 Langan Corporate Health and Safety Manager

The Langan Corporate Health and Safety Manager (HSM) is Tony Moffa. His responsibilities include:

- Updating the *Construction Health and Safety Program for Hazardous Waste Operations*.
- Assisting the site Health and Safety Officer (HSO) with development of the HASP, updating HASP as dictated by changing conditions, jobsite inspection results, etc. and approving changes to this HASP.
- Assisting the HSO in the implementation of this HASP and conducting Jobsite Safety Inspections and assisting with communication of results and correction of shortcomings found.
- Maintaining records on personnel (medical evaluation results, training and certifications,

accident investigation results, etc.).

2.3 Langan Site Health & Safety Officer

The Langan HSO is William Bohrer. His responsibilities include:

- Participating in the development and implementation of this HASP.
- When on-site, assisting the Langan Field Team Leader in conducting Tailgate Safety Meetings and Jobsite Safety Inspections and correcting any shortcomings in a timely manner.
- Ensuring that proper PPE is available, worn by employees, and properly stored and maintained.
- Controlling entry into and exit from the site contaminated areas or zones.
- Monitoring employees for signs of stress, such as heat stress, fatigue, and cold exposure.
- Monitoring site hazards and conditions.
- Knowing (and ensuring that all site personnel also know) emergency procedures, evacuation routes, and the telephone numbers of the ambulance, local hospital, poison control center, fire department, and police department.
- Resolving conflicts that may arise concerning safety requirements and working conditions.
- Reporting all incidents, injuries and near misses to the Langan Incident/Injury Hotline immediately and the client representative.

2.4 Langan Field Team Leader Responsibilities

The Langan Field Team Leader (FTL) will be determined prior to the start of the start of field activities. The Field Team Leader's responsibilities include:

- The management of the day-to-day site activities and implementation of this HASP in the field.
- Participating in and/or conducting Tailgate Safety Meetings and Jobsite Safety Inspections and correcting any shortcomings in a timely manner.
- When a Community Air Monitoring Operating Program (CAMP) is part of the scope, the FTL will set up and maintaining community air monitoring activities and instructing the responsible contractor to implement organic vapor or dust mitigation when necessary.
- Overseeing the implementation of activities specified in the work plan.

2.5 Contractor Responsibilities

The contractor shall develop and implement their own HASP for their employees, lower-tier

subcontractors, and consultants. The contractor is responsible for their own health and safety and that of their subcontractors. Contractors operating on the site shall designate their own FTL, HSO and HSM. The contractor's HASP will be at least as stringent as this Langan HASP. The contractor must be familiar with and abide by the requirements outlined in their own HASP. A contractor may elect to adopt Langan's HASP as its own provided that it has given written notification to Langan, but where Langan's HASP excludes provisions pertinent to the contractor's work (i.e., confined space entry); the contractor must provide written addendums to this HASP. Additionally, the contractor must:

- Ensure their employees are trained in the use of all appropriate PPE for the tasks involved;
- Notify Langan of any hazardous material brought onto the job site or site related area, the hazards associated with the material, and must provide a material safety data sheet (MSDS) or safety data sheet (SDS) for the material;
- Have knowledge of, understand, and abide by all current federal, state, and local health and safety regulations pertinent to the work;
- Ensure their employees handling hazardous materials, if identified at the site, have received current training in the appropriate levels of 29 CFR 1910.120, *Hazardous Waste Operations and Emergency Response* (HAZWOPER) if hazardous waste is identified at the Site;
- Ensure their employees handling hazardous materials, if identified at the Site, have been fit-tested within the year on the type respirator they will wear; and
- Ensure all air monitoring is in place pertaining to the health and safety of their employees as required by OSHA 1910.120; and
- All contractors must adherer to all federal, state, and local regulatory requirements.

3.0 TASK/OPERATION SAFETY AND HEALTH RISK ANALYSES

A Task-Hazard Analysis (Table 1) was completed for general construction hazards that may be encountered at the Site. The potential contaminants that might be encountered during the field activities and the exposure limits are listed in Table 2 complete inventory of MSDS/SDS for chemical products used on site is included as Attachment E.

3.1 Specific Task Safety Analysis

3.1.1 Soil Investigation and Sampling

Sampling the soil requires the donning of chemical resistant gloves in addition to the standard PPE. Langan personnel are not to operate drilling equipment nor open sampling devices (acetate liners, sonic sample bags, etc.). These tasks are to be completed by the drilling contractor.

3.1.2 Indoor Drilling

The work scope may require indoor drilling or drilling in locations where there may not be adequate ventilation sufficient to safely operate any rig powered by an internal combustion engine. Where possible, all such work should be done by equipment powered by electricity. If such equipment is used and must be directly wired to the buildings electrical system or to an independent system, this work must be completed by a licensed electrician in accordance with all electrical codes applicable to the work.

Indoor work which is to be completed with equipment powered by an internal combustion engine must incorporate air monitoring of carbon monoxide (CO) using calibrated air monitoring equipment (MultiRAE or equivalent). In addition, the work plan should incorporate mitigation for venting engine exhaust fumes directly to the outdoors and for circulating fresh air into the work area.

The OSHA Time Weighted Average (TWA) Permissible Exposure Limit (PEL) for CO from 50 to 35 parts per million (ppm). Langan will monitor CO with a suitable monitoring device. If CO levels exceed 5 ppm, Langan will instruct contractors to begin mitigation measures. These measures are at a minimum:

- Increase air circulation using industrial size fans to bring additional fresh air into the building or vent exhaust to the outside;
- Modify the passive exhaust method being used to increase venting circulation by using wider diameter tubing or sealing tubing connections; or
- Modify the work schedule where the rig is turned off to allow time for CO levels to fall back to background

All work must cease if CO levels reach 35 ppm. The Langan engineer is to report to the PM and H&S officer when an action level is reached.

3.1.3 Groundwater Investigation and Sampling

Sampling groundwater requires the donning of chemical resistant gloves in addition to the standard PPE and cut resistant gloves when cutting sampling-tubing to length. Langan personnel are not to operate drilling equipment nor assemble or install monitoring well equipment. These tasks are to be completed by the driller contractor.

3.1.4 Drum Sampling

Drilling fluid, rinse water, grossly-contaminated soil samples and cuttings will be containerized in 55-gallon drums for disposed off-site. Each drum must be labeled in accordance with the Langan

Drum Labeling Standard Operating Procedure (SOP-#9). Sampling drums requires the donning of work gloves when opening the drums and chemical resistant gloves when sampling in addition to standard PPE.

Langan personnel and contractors are not to move or opened any orphaned (unlabeled) drum found on the site without approval of the project manager.

3.2 Radiation Hazards

No radiation hazards are known or expected at the site.

3.3 Physical Hazards

Physical hazards, which may be encountered during site operations for this project, are detailed in Table 1.

3.3.1 Explosion

No explosion hazards are expected for the scope of work at this site.

3.3.2 Heat Stress

The use of Level C protective equipment, or greater, may create heat stress. Monitoring of personnel wearing personal protective clothing should commence when the ambient temperature is 72°F or above. Table 6 presents the suggested frequency for such monitoring. Monitoring frequency should increase as ambient temperature increases or as slow recovery rates are observed. Refer to the Table 7 to assist in assessing when the risk for heat related illness is likely. To use this table, the ambient temperature and relative humidity must be obtained (a regional weather report should suffice). Heat stress monitoring should be performed by the HSO or the FTL, who shall be able to recognize symptoms related to heat stress.

To monitor the workers, be familiar with the following heat-related disorders and their symptoms:

- **Heat Cramps:** Painful spasm of arm, leg or abdominal muscles, during or after work
- **Heat Exhaustion:** Headache, nausea, dizziness; cool, clammy, moist skin; heavy sweating; weak, fast pulse; shallow respiration, normal temperature
- **Heat Stroke**: Headache, nausea, weakness, hot dry skin, fever, rapid strong pulse, rapid deep respirations, loss of consciousness, convulsions, coma. *This is a life threatening condition***.**

Do not permit a worker to wear a semi-permeable or impermeable garment when they are showing signs or symptoms of heat-related illness.

To monitor the worker, measure:

- **Heart rate:** Count the radial pulse during a 30-second period as early as possible in the rest period. If the heart rate exceeds 100 beats per minute at the beginning of the rest period, shorten the next work cycle by one-third and keep the rest period the same. If the heart rate still exceeds 100 beats per minute at the next rest period, shorten the following work cycle by one-third. A worker cannot return to work after a rest period until their heart rate is below 100 beats per minute.
- **Oral temperature:** Use a clinical thermometer (3 minutes under the tongue) or similar device to measure the oral temperature at the end of the work period (before drinking). If oral temperature exceeds 99.6°F (37.6°C), shorten the next work cycle by one-third without changing the rest period. A worker cannot return to work after a rest period until their oral temperature is below 99.6°F. If oral temperature still exceeds 99.6°F (37.6°C) at the beginning of the next rest period, shorten the following cycle by one-third. Do not permit a worker to wear a semi-permeable or impermeable garment when oral temperature exceeds 100.6°F (38.1°C).

Prevention of Heat Stress - Proper training and preventative measures will aid in averting loss of worker productivity and serious illness. Heat stress prevention is particularly important because once a person suffers from heat stroke or heat exhaustion, that person may be predisposed to additional heat related illness. To avoid heat stress the following steps should be taken:

- Adjust work schedules.
- Mandate work slowdowns as needed.
- Perform work during cooler hours of the day if possible or at night if adequate lighting can be provided.
- Provide shelter (air-conditioned, if possible) or shaded areas to protect personnel during rest periods.
- Maintain worker's body fluids at normal levels. This is necessary to ensure that the cardiovascular system functions adequately. Daily fluid intake must approximately equal the amount of water lost in sweat, id., eight fluid ounces (0.23 liters) of water must be ingested for approximately every eight ounces (0.23 kg) of weight lost. The normal thirst mechanism is not sensitive enough to ensure that enough water will be drunk to replace lost sweat. When heavy sweating occurs, encourage the worker to drink more. The following strategies may be useful:
    - Maintain water temperature 50° to 60°F (10° to 16.6°C).
    - Provide small disposal cups that hold about four ounces (0.1 liter).

- Have workers drink 16 ounces (0.5 liters) of fluid (preferably water or dilute drinks) before beginning work.
- Urge workers to drink a cup or two every 15 to 20 minutes, or at each monitoring break. A total of 1 to 1.6 gallons (4 to 6 liters) of fluid per day are recommended, but more may be necessary to maintain body weight.
- Train workers to recognize the symptoms of heat related illness.

3.3.3 Cold-Related Illness

If work on this project begins in the winter months, thermal injury due to cold exposure can become a problem for field personnel. Systemic cold exposure is referred to as hypothermia. Local cold exposure is generally called frostbite.

- **Hypothermia -** Hypothermia is defined as a decrease in the patient core temperature below 96°F. The body temperature is normally maintained by a combination of central (brain and spinal cord) and peripheral (skin and muscle) activity. Interference with any of these mechanisms can result in hypothermia, even in the absence of what normally is considered a "cold" ambient temperature. Symptoms of hypothermia include: shivering, apathy, listlessness, sleepiness, and unconsciousness.
- **Frostbite -** Frostbite is both a general and medical term given to areas of local cold injury. Unlike systemic hypothermia, frostbite rarely occurs unless the ambient temperatures are less than freezing and usually less than 20°F. Symptoms of frostbite are: a sudden blanching or whitening of the skin; the skin has a waxy or white appearance and is firm to the touch; tissues are cold, pale, and solid.

Prevention of Cold-Related Illness - To prevent cold-related illness:

- Educate workers to recognize the symptoms of frostbite and hypothermia
- Identify and limit known risk factors:
- Assure the availability of enclosed, heated environment on or adjacent to the site.
- Assure the availability of dry changes of clothing.
- Assure the availability of warm drinks.
- Start (oral) temperature recording at the job site:
- At the FSO or Field Team Leader's discretion when suspicion is based on changes in a worker's performance or mental status.
- At a worker's request.
- As a screening measure, two times per shift, under unusually hazardous conditions (e.g., wind-chill less than 20°F, or wind-chill less than 30°F with precipitation).
- As a screening measure whenever anyone worker on the site develops hypothermia.

Any person developing moderate hypothermia (a core temperature of 92°F) cannot return to work

for 48 hours.

3.3.4 Noise

Work activities during the proposed activities may be conducted at locations with high noise levels from the operation of equipment. Hearing protection will be used as necessary.

3.3.5 Hand and Power Tools

The use of hand and power tools can present a variety of hazards, including physical harm from being struck by flying objects, being cut or struck by the tool, fire, and electrocution. All hand and power tools should be inspected for health and safety hazards prior to use. If deemed unserviceable/un-operable, notify supervisor and tag equipment out of service. Ground Fault Circuit Interrupters (GFCI) are required for all power tools requiring direct electrical service.

3.3.6 Slips, Trips and Fall Hazards

Care should be exercised when walking at the site, especially when carrying equipment. The presence of surface debris, uneven surfaces, pits, facility equipment, and soil piles contribute to tripping hazards and fall hazards. To the extent possible, all hazards should be identified and marked on the site, with hazards communicated to all workers in the area.

3.3.7 Utilities (Electrocution and Fire Hazards)

3.3.7.1 Utility Clearance

The possibility of encountering underground utilities poses fire, explosion, and electrocution hazards. All work will be preceded by review of available utility drawings and by notification of the subsurface work to the N.Y. One –Call–Center.

3.3.7.2 Lockout-Tagout

The potential adverse effects of electrical hazards include burns and electrocution, which could result in death. Therefore, there is a procedure that establishes the requirements for the lockout/tagout (LOTO) of energy isolating devices in accordance with the OSHA electrical lockout and tagging requirements as specified in 29 CFR 1926.417. This procedure will be used to ensure that all machines and equipment are isolated from potentially hazardous energy. If possible, equipment that could cause injury due to unexpected energizing, start-up, or release of stored energy will be locked/tagged, before field personnel perform work activities.

Depending upon the specific work task involved, Langan's SSC or FTL will serve as the authorized

lockout/tagout coordinator, implement the lockout/tagout procedure and will be responsible to locate, lock and tag valves, switches, etc.

SPECIAL NOTE: Project personnel will assume that all electrical equipment at surface, subsurface and overhead locations is energized, until equipment has been designated and confirmed as de-energized by a utility company representative. Langan will notify the designated utility representative prior to working adjacent to this equipment and will verify that the equipment is energized or de-energized in the vicinity of the work location.

No project work shall be performed by Langan personnel or subcontractors on or near energized electrical lines or equipment unless hazard assessments are completed in writing, reviewed by Langan's SSHO, and clearly communicated to the field personnel.

The FTL shall conduct a survey to locate and identify all energy isolating devices. They shall be certain which switches, valves or other isolating devices apply to the equipment. The lockout/tagout procedure involves, but is not limited to, electricity, motors, steam, natural gas, compressed air, hydraulic systems, digesters, sewers, etc.

3.3.8 Physical Hazard Considerations for Material Handling

There are moderate to severe risks associated with moving heavy objects at the Site. The following physical hazards should be considered when handling materials at the Site:

- Heavy objects will be lifted and moved by mechanical devices rather than manual effort whenever possible.
- The mechanical devices will be appropriate for the lifting of moving task and will be operated only by trained and authorized personnel.
- Objects that require special handling or rigging will only be moved under the guidance of a person who has been specifically trained to move such objects.
- Lifting devices will be inspected, certified, and labeled to confirm their weight capacities. Defective equipment will be taken out of service immediately and repaired or destroyed.
- The wheels of any trucks being loaded or unloaded will be chocked to prevent movement. Outriggers will be fully extended on a flat, firm surface during operation.
- Personnel will not pass under a raised load, nor will a suspended load be left unattended.
- Personnel will not be carried on lifting equipment, unless it is specifically designed to carry passengers.
- All reciprocating, rotating, or other moving parts will be guarded at all times.

- Accessible fire extinguishers, currently (monthly) inspected, will be available in all mechanical lifting devices.
- Verify all loads/materials are secure before transportation.

Material handling tasks that are unusual or require specific guidance will need a written addendum to this HASP. The addendum must identify the lifting protocols before the tasks are performed. Upon approval, the plan must be reviewed with all affected employees and documented. Any deviation from a written plan will require approval by the Langan HSM.

3.3.9 Hearing Conservation

Under the construction industry standard, the maximum permissible occupational noise exposure is 90 dbA (8-hour TWA), and noise levels in excess of 90 dbA must be reduced through feasible administrative and engineering controls (20 CFR 1926.52). Hearing protection is required when working within 15 feet of vacuum extraction equipment and drill rigs.

3.4 Biological Hazards

3.4.1 Animals

There is a possibility of encountering wildlife including reptiles, rodents and other small and medium size mammals. The Langan personnel is to avoid interacting with any wildlife.

3.4.2 Insects

Ticks and other biting or stinging insects may to be encountered during site operations. Langan personnel should take necessary precautions including donning long sleeve shirts and insecticide to prevent bites and stings. After field work, Langan personnel should perform a complete visual inspection of their clothing to insure they are not inadvertently harboring ticks. If they do observe a tick bite, they are to contact the HSM or HSO and report the event.

3.4.3 Plants

Poisonous plants may to be encountered during site operations. Langan personnel should take necessary precautions including donning long sleeve shirts and applying preventative poison Ivy/Sumac lotion to prevent or limit effects of exposure. If after field work, Langan employees do observe a reaction to poisonous plant exposure, they are to contact the HSM or HSO and report the event.

3.4.4 Coronavirus

3.4.4.1 General Preventative Measures

Field personnel must follow general proper hygiene measures while in the field including:

- Avoid touching eyes, nose and mouth.
- Cover cough or sneeze with tissue, and throw in trash.
- Wash hands often with soap and water for 20 seconds after going to bathroom, before eating, after blowing nose, coughing or sneezing.
- Use hand sanitizer with at least 60% alcohol if soap and water are not available.
- Avoid physical contact with other people (e.g., no handshakes).
- Maintain a safe distance of at least 6 feet from other people (social distancing).
- Wear face coverings when around other worker to minimize spread of COVID-19. (May be required in certain states or locations.)

3.4.4.2 Construction Trailers

Employees should avoid use of shared construction trailers or where employees cannot maintain a safe distance (minimum 6 feet) from other workers. If trailer use is needed, areas such as desks, phones, chairs and other common areas, should be cleaned and disinfected before and after use. Protocols should be developed to minimize trailer use to essential personal, restrict use from any workers who are ill or showing symptoms of being ill, and ensure a safe distance of 6 feet can be established between workers.

3.4.4.3 Communication

Include Coronavirus topics and prevention topics in daily tailgate meetings to ensure Coronavirus awareness is communicated daily. Discussions can focus on general topics including: social distancing, prevention measures for field personnel, signs and symptoms and recent news on the Coronavirus. Site-specific topics should include minimizing face-to-face contact, disinfecting/sterilizing field equipment, use of PPE to reduce exposure, site security and other potential exposure issues/concerns.

3.4.4.4 Sick/Ill Workers

No Langan employee is permitted to be onsite when ill and/or showing potential symptoms of the Coronavirus. Symptoms of the Coronavirus may appear 2-14 days after exposure and can range from mild to severe. The most common symptoms include: fever, fatigue, dry cough and shortness of breath. If an employee or subcontractor is observed being ill or exhibiting symptoms of Coronavirus, employees must immediately utilize their Stop Work Authority and contact their

project manager to address the situation. If an employee observes another worker onsite exhibiting symptoms of Coronavirus, immediately utilize Stop Work Authority and notify their project manager and site construction manager or safety officer. Work should resume when the safety and health of Langan and subcontractors is adequately addressed.

3.5 Additional Safety Analysis

3.5.1 Presence of Non-Aqueous Phase Liquids (NAPL)

There is potential for exposure to NAPL at this site. Special care and PPE should be considered when NAPL is observed as NAPL is a typically flammable fluid and releases VOCs known to be toxic and/or carcinogenic. If NAPL is present in a monitoring well, vapors from the well casing may contaminate the work area breathing zone with concentrations of VOCs potentially exceeding health and safety action levels. In addition, all equipment used to monitor or sample NAPL (or ground water from wells containing NAPL) must be intrinsically safe. Equipment that directly contacts NAPL must also be resistant to organic solvents.

At a minimum, a PID should be used to monitor for VOCs when NAPL is observed. If NAPL is expected to be observed in an enclosed area, air monitoring must be started using calibrated air monitoring equipment designed to sound an audio alarm when atmospheric concentrations of VOC are within 10% of the LEL. In normal atmospheric oxygen concentrations, the LEL monitoring may be done with a Wheatstone bridge/catalytic bead type sensor (i.e. MultiRAE). However in oxygen depleted atmospheres (confined space), only an LEL designed to work in low oxygen environments may be used. Best practices require that the LEL monitoring unit be equipped with a long sniffer tube to allow the LEL unit to remain outside the UST.

When NAPL is present, Langan personnel are required to use disposable nitrile gloves at all times to prevent skin contact with contaminated materials. They should also consider having available a respirator and protective clothing (Tyvek® overalls), especially if NAPL is in abundance and there are high concentrations of VOCs.

All contaminated disposables including PPE and sampling equipment must be properly disposed of in labeled 55-gallon drums

3.6 Job Safety Analysis

A Job Safety Analysis (JSA) is a process to identify existing and potential hazards associated with each job or task so these hazards can be eliminated, controlled or minimized. A JSA will be performed at the beginning of each work day, and additionally whenever an employee begins a new task or moves to a new location. All JSAs must be developed and reviewed by all parties

involved. A blank JSA form and documentation of completed JSAs are in Attachment G.

4.0 PERSONNEL TRAINING

4.1 Basic Training

Completion of an initial 40-hour HAZWOPER training program as detailed in OSHA's 29 CFR 1910.120(e) is required for all employees working on a site engaged in hazardous substance removal or other activities which expose or potentially expose workers to hazardous substances, health hazards, or safety hazards as defined by 29 CFR 1910.120(a). Annual 8-hour refresher training is also required to maintain competencies to ensure a safe work environment. In addition to these training requirements, all employees must complete the OSHA 10 hour Construction Safety and Health training and supervisory personnel must also receive eight additional hours of specialized management training. Training records are maintained by the HSM.

4.2 Initial Site-Specific Training

Training will be provided to specifically address the activities, procedures, monitoring, and equipment for site operations at the beginning of each field mobilization and the beginning of each discrete phase of work. The training will include the site and facility layout, hazards, and emergency services at the site, and will detail all the provisions contained within this HASP. For a HAZWOPER operation, training on the site must be for a minimum of 3 days. Specific issues that will be addressed include the hazards described in Section 3.0.

4.3 Tailgate Safety Briefings

Before starting work each day or as needed, the Langan HSO will conduct a brief tailgate safety meeting to assist site personnel in conducting their activities safely. Tailgate meetings will be documented in Attachment H. Briefings will include the following:

- Work plan for the day;
- Review of safety information relevant to planned tasks and environmental conditions;
- New activities/task being conducted;
- Results of Jobsite Safety Inspection Checklist;
- Changes in work practices;
- Safe work practices; and
- Discussion and remedies for noted or observed deficiencies.

5.0 MEDICAL SURVEILLANCE

All personnel who will be performing field work involving potential exposure to toxic and hazardous substances (defined by 29 CFR 1910.120(a)) will be required to have passed an initial baseline medical examination, with follow-up medical exams thereafter, consistent with 29 CFR 1910.120(f). Medical evaluations will be performed by, or under the direction of, a physician board-certified in occupational medicine.

Additionally, personnel who may be required to perform work while wearing a respirator must receive medical clearance as required under CFR 1910.134(e), *Respiratory Protection*. Medical evaluations will be performed by, or under the direction of, a physician board-certified in occupational medicine. Results of medical evaluations are maintained by the HSM.

6.0 PERSONAL PROTECTIVE EQUIPMENT

6.1 Levels of Protection

Langan will provide PPE to Langan employees to protect them from the specific hazards they are likely to encounter on-site. Direct hired contractors will provide their employees with equivalent PPE to protect them from the specific hazards likely to be encountered on-site. Selection of the appropriate PPE must take into consideration: (1) identification of the hazards or suspected hazards; (2) potential exposure routes; and, (3) the performance of the PPE construction (materials and seams) in providing a barrier to these hazards.

Based on anticipated site conditions and the proposed work activities to be performed at the site, Level D protection will be used. The upgrading/downgrading of the level of protection will be based on continuous air monitoring results as described in Section 6.0 (when applicable). The decision to modify standard PPE will be made by the site HSO or FTL after conferring with the PM. The levels of protection are described below.

Level D Protection (as needed)

- Safety glasses with side shields or chemical splash goggles
- Safety boots/shoes
- Coveralls (Tyvek® or equivalent)
- Hard hat
- Long sleeve work shirt and work pants
- Nitrile gloves
- Hearing protection
- Reflective safety vest

Level D Protection (Modified, as needed)

- Safety glasses with sideshields or chemical splash goggles
- Safety boots/shoes (toe-protected)
- Disposable chemical-resistant boot covers
- Coveralls (polycoated Tyvek or equivalent to be worn when contact with wet contaminated soil, groundwater, or non-aqueous phase liquids is anticipated)
- Hard hat
- Long sleeve work shirt and work pants
- Nitrile gloves
- Hearing protection (as needed)
- Personal floatation device (for work within 5 feet of the water)
- Reflective traffic vest

Level C Protection (as needed)

- Full or Half face, air-purifying respirator, with NIOSH approved HEPA filter
- Inner (latex) and outer (nitrile) chemical-resistant gloves
- Safety glasses with side shields or chemical splash goggles
- Chemical-resistant safety boots/shoes
- Hard hat
- Long sleeve work shirt and work pants
- Coveralls (Tyvek® or equivalent)
- Hearing protection (as needed)
- Reflective safety vest

The action levels used in determining the necessary levels of respiratory protection and upgrading to Level C are summarized in Table 4. The written Respiratory Protection Program is maintained by the HSM and is available if needed. The monitoring procedures and equipment are outlined in Section 6.0 (when applicable).

6.2 Respirator Fit-Test

All Langan employees who may be exposed to hazardous substances at the work site are in possession of a full- or half-face, air-purifying respirator and have been successfully fit-tested within the past year. Fit-test records are maintained by the HSM.

6.3 Respirator Cartridge Change-Out Schedule

Respiratory protection is required to be worn when certain action levels (table 2) are reached. A

respirator cartridge change-out schedule has been developed in order to comply with 29 CFR 1910.134. The respirator cartridge change-out schedule for this project is as follows:

- Cartridges shall be removed and disposed of at the end of each shift, when cartridges become wet or wearer experiences breakthrough, whichever occurs first.
- If the humidity exceeds 85%, then cartridges shall be removed and disposed of after 4 hours of use.

Respirators shall not be stored at the end of the shift with contaminated cartridges left on. Cartridges shall not be worn on the second day, no matter how short the time period was the previous day they were used.

7.0 AIR QUALITY MONITORING AND ACTION LEVELS

7.1 Monitoring During Site Operations

Atmospheric air monitoring results may be collected and used to provide data to determine when exclusion zones need to be established and when certain levels of personal protective equipment are required. For all instruments there are Site-specific action level criteria which are used in making field health and safety determinations. Other data, such as the visible presence of contamination or the steady state nature of air contaminant concentration, are also used in making field health and safety decisions. Therefore, the HSO may establish an exclusion zone or require a person to wear a respirator even though atmospheric air contaminant concentrations are below established HASP action levels.

During site work involving disturbance of petroleum-impacted or fill material, real time air monitoring may be conducted for volatile organic compounds (VOCs). A photoionization detector (PID) and/or flame ionization detector (FID) will be used to monitor concentrations of VOCs at personnel breathing-zone height. Air monitoring will be the responsibility of the HSO or designee. Air monitoring may be conducted during intrusive activities associated with the completion of debris removal, and soil grading. All manufacturers' instructions for instrumentation and calibration will be available onsite.

Subcontractors' air monitoring plans must be equal or more stringent as the Langan plan.

An air monitoring calibration log is provided in Attachment D of this HASP.

7.1.1 Volatile Organic Compounds

Monitoring with a PID, such as a MiniRAE 2000 (10.6v) or equivalent may occur during intrusive work in the AOCs. Colormetric Indicator Tubes for benzene may be used as backup for the PID,

if measurements remain above background monitor every 2 hours. The HSO will monitor the employee breathing zone at least every 30 minutes, or whenever there is any indication that concentrations may have changed (odors, visible gases, etc.) since the last measurement. If VOC levels are observed above 5 ppm for longer than 5 minutes or if the site PPE is upgraded to Level C, the HSO will begin monitoring the site perimeter at a location downwind of the AOC every 30 minutes in addition to the employee breathing zone. Instrument action levels for monitored gases are provided in Table 4.

7.1.2 Metals

Based upon the site historical fill, there is a potential for the soils to contain PAHs and metals. During invasive procedures which have the potential for creating airborne dust, a real time airborne dust monitor such as a Mini-Ram may be used to monitor for air particulates. The HSO will monitor the employee breathing zone at least every 30 minutes, or whenever there is any indication that concentrations may have changed (appearance of visible dust) since the last measurement. If dust levels are observed to be greater than 0.100 mg/m^3 or visible dust is observed for longer than 15 minutes or if the site PPE is upgraded to Level C, the HSO will begin monitoring the site perimeter at a location downwind of the AOC every 30 minutes in addition to the employee breathing zone. Instrument action levels for dust monitoring are provided in Table 4.

7.2 Monitoring Equipment Calibration and Maintenance

Instrument calibration shall be documented and included in a dedicated safety and health logbook or on separate calibration pages of the field book. All instruments shall be calibrated before and after each shift. Calibration checks may be used during the day to confirm instrument accuracy. Duplicate readings may be taken to confirm individual instrument response.

All instruments shall be operated in accordance with the manufacturers' specifications. Manufacturers' literature, including an operations manual for each piece of monitoring equipment will be maintained on site by the HSO for reference.

7.3 Determination of Background Levels

Background (BKD) levels for VOCs and dust will be established prior to intrusive activities within the AOC at an upwind location. A notation of BKD levels will be referenced in the daily monitoring log. BKD levels are a function of prevailing conditions. BKD levels will be taken in an appropriate upwind location as determined by the HSO.

Table 4 lists the instrument action levels.

8.0 COMMUNITY AIR MONITORING PROGRAM

Community air monitoring may be conducted in compliance with local standards or the generic CAMP outlined below:

Monitoring for dust and odors will be conducted during all ground intrusive activities by the FTL. Continuous monitoring on the perimeter of the work zones for odor, VOCs, and dust may be required for all ground intrusive activities. The work zone is defined as the general area in which machinery is operating in support of remediation activities. A portable PID will be used to monitor the work zone and for periodic monitoring for VOCs during activities such as soil and groundwater sampling. The site perimeter will be monitored for fugitive dust emissions by visual observations as well as instrumentation measurements (if required). When required, particulate or dust will be monitored continuously with real-time field instrumentation that will meet, at a minimum, the local standards or, default to the performance standards below:

If VOC monitoring is required, the following actions will be taken based on VOC levels measured:

- If total VOC levels exceed 5 ppm above background for the 15-minute average at the perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total VOC levels at the downwind perimeter of the hot zone persist at levels in excess of 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average.
- If the total VOC level is above 25 ppm at the perimeter of the hot zone, activities will be shut down.

If dust monitoring with field instrumentation is required, the following actions will be taken based on instrumentation measurements:

- If the downwind particulate level is 100 micrograms per cubic meter ($\mu g/m^3$) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression must be employed. Work may continue with dust suppression techniques provided that downwind PM10 levels do not exceed 150 $\mu g/m^3$ above the background level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM10 levels are greater than 150 µg/m³ above the background level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM10 concentration to within 150 µg/m³ of the upwind level and in preventing visible dust migration.

8.1 Dust Suppression Techniques

Preventative measures for dust generation may include wetting site fill and soil, construction of an engineered construction entrance with gravel pad, a truck wash area, covering soils with tarps, and limiting vehicle speeds to five miles per hour.

Work practices to minimize odors and vapors include limiting stockpiling of contaminated-source soil, and minimizing the handling of contaminated material. Offending odor and organic vapor controls may include the application of foam suppressants or tarps over the odor or VOC source areas. Foam suppressants may include biodegradable foams applied over the source material for short-term control of the odor and VOCs.

If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: direct load-out of soils to trucks for off-site disposal; use of chemical odorants in spray or misting systems; and, use of staff to monitor odors in surrounding neighborhoods.

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

9.0 WORK ZONES AND DECONTAMINATION

9.1 Site Control

Work zones are intended to control the potential spread of contamination throughout the site and to assure that only authorized individuals are permitted into potentially hazardous areas.

Any person working in an area where the potential for exposure to site contaminants exists will only be allowed access after providing the HSO with proper training and medical documentation.

Exclusion Zone (EZ) - All activities which may involve exposure to site contaminants, hazardous materials and/or conditions should be considered an EZ. Decontamination of field equipment will

also be conducted in the Contaminant Reduction Zone (CRZ) which will be located on the perimeter of the EZ. The EZ and the CRZ will be clearly delineated by cones, tapes or other means. The HSO may establish more than one EZ where different levels of protection may be employed or different hazards exist. The size of the EZ shall be determined by the HSO allowing adequate space for the activity to be completed, field members and emergency equipment.

9.2 Contamination Zone

9.2.1 Personnel Decontamination Station

Personal hygiene, coupled with diligent decontamination, will significantly reduce the potential for exposure.

9.2.2 Minimization of Contact with Contaminants

During completion of all site activities, personnel should attempt to minimize the chance of contact with contaminated materials. This involves a conscientious effort to keep "clean" during site activities. All personnel should minimize kneeling, splash generation, and other physical contact with contamination as PPE is intended to minimize accidental contact. This may ultimately minimize the degree of decontamination required and the generation of waste materials from site operations.

Field procedures will be developed to control over spray and runoff and to ensure that unprotected personnel working nearby are not affected.

9.2.3 Personnel Decontamination Sequence

Decontamination may be performed by removing all PPE used in EZ and placing it in drums/trash cans at the CRZ. Baby wipes should be available for wiping hands and face. Drums/trash cans-will be labeled by the field crews in accordance with all local, state, and federal requirements. Management plans for contaminated PPE, and tools are provided below.

9.2.4 Emergency Decontamination

If circumstances dictate that contaminated clothing cannot be readily removed, then remove gross contamination and wrap injured personnel with clean garments/blankets to avoid contaminating other personnel or transporting equipment. If the injured person can be moved, he/she will be decontaminated by site personnel as described above before emergency responders handle the victim. If the person cannot be moved because of the extent of the injury (a back or neck injury), provisions shall be made to ensure that emergency response personnel will be able to respond to the victim without being exposed to potentially hazardous atmospheric

conditions. If the potential for inhalation hazards exist this area will be covered with polyethylene sheeting to eliminate any potential inhalation hazards. All emergency personnel are to be immediately informed of the injured person's condition, potential contaminants, and provided with all pertinent data.

9.2.5 Hand-Held Equipment Decontamination

Hand-held equipment includes all monitoring instruments as stated earlier, samples, hand tools, and notebooks. The hand-held equipment is dropped at the first decontamination station to be decontaminated by one of the decontamination team members. These items must be decontaminated or discarded as waste prior to removal from the CRZ.

To aid in decontamination, monitoring instruments can be sealed in plastic bags or wrapped in polyethylene. This will also protect the instruments against contaminants. The instruments will be wiped clean using wipes or paper towels if contamination is visually evident. Sampling equipment, hand tools, etc. will be cleaned with non-phosphorous soap to remove any potentially contaminated soil, and rinsed with deionized water. All decontamination fluids will be containerized and stored on-site pending waste characterization sampling and appropriate off-site disposal.

9.2.6 Heavy Equipment Decontamination

All heavy equipment and vehicles arriving at the work site will be free from contamination from offsite sources. Any vehicles arriving to work that are suspected of being impacted will not be permitted on the work site. Potentially contaminated heavy equipment will not be permitted to leave the EZ unless it has been thoroughly decontaminated and visually inspected by the HSO or his designee.

9.3 Support Zone

The support zone or cold zone will include the remaining areas of the job site. Break areas and support facilities (include equipment storage and maintenance areas) will be located in this zone. No equipment or personnel will be permitted to enter the cold zone from the hot zone without passing through the decontamination station in the warm zone (if necessitated). Eating, smoking, and drinking will be allowed only in this area.

9.4 Communications

The following communications equipment will be utilized as appropriate.

- Telephones - A cellular telephone will be located with the HSO for communication with the HSM and emergency support services/facilities.
- Hand Signals - Hand signals shall be used by field teams, along with the buddy system. The entire field team shall know them before operations commence and their use covered during site-specific training. Typical hand signals are the following:

Hand Signal	Meaning
Hand gripping throat	Out of air; cannot breathe
Grip partners wrists or place both hands around waist	Leave immediately without debate
Hands on top of head	Need assistance
Thumbs up	OK; I'm alright; I understand
Thumbs down	No; negative
Simulated "stick" break with fists	Take a break; stop work

9.5 The Buddy System

When working in teams of two or more, workers will use the "buddy system" for all work activities to ensure that rapid assistance can be provided in the event of an emergency. This requires work groups to be organized such that workers can remain close together and maintain visual contact with one another. Workers using the "buddy system" have the following responsibilities:

- Provide his/her partner with assistance.
- Observe his/her partner for signs of chemical or heat exposure.
- Periodically check the integrity of his/her partner's PPE.
- Notify the HSO or other site personnel if emergency service is needed.

10.0 NEAREST MEDICAL ASSISTANCE

The address and telephone number of the nearest hospital:

New York-Presbyterian Brooklyn Methodist Hospital
506 6th Street
Brooklyn, New York
718-780-3000

Map with directions to the hospital are shown in Figure 2. This information will either be posted prominently at the site or will be available to all personnel all of the time. Further, all field personnel, including the HSO & FTL, will know the directions to the hospital.

11.0 STANDING ORDERS/SAFE WORK PRACTICES

The standing orders, which consist of a description of safe work practices that must always be followed while on-site by Langan employees and contractors, are shown in Attachment A. The site HSO and FTL each have the responsibility for enforcing these practices. The standing orders will be posted prominently at the site, or are made available to all personnel at all times. Those who do not abide by these safe work practices will be removed from the site.

12.0 SITE SECURITY

No unauthorized personnel shall be permitted access to the work areas.

13.0 UNDERGROUND UTILITIES

As provided in Langan's Underground Utility Clearance Guidelines, the following safe work practices should be followed by Langan personnel and the contractor before and during subsurface work in accordance with federal, state and local regulations:

- Obtain available utility drawings from the property owner/client or operator.
- Provide utility drawings to the project team.
- In the field, mark the proposed area of subsurface disturbance (when possible).
- Ensure that the utility clearance system has been notified.
- Ensure that utilities are marked before beginning subsurface work.
- Discuss subsurface work locations with the owner/client and contractors.
- Obtain approval from the owner/client and operators for proposed subsurface work locations.
- Use safe digging procedures when applicable.
- Stay at least 10 feet from all equipment performing subsurface work.

14.0 SITE SAFETY INSPECTION

The Langan HSO or alternate will check the work area daily, at the beginning and end of each work shift or more frequently to ensure safe work conditions. The HSO or alternate must complete the Jobsite Safety Inspection Checklist, found in Attachment F. Any deficiencies shall be shared with the FTL, HSM and PM and will be discussed at the daily tailgate meeting.

15.0 HAND AND POWER TOOLS

All hand- and electric-power tools and similar equipment shall be maintained in a safe operating condition. All electric-power tools must be inspected before initial use. Damaged tools shall be

removed immediately from service or repaired. Tools shall be used only for the purpose for which they were designed. All users must be properly trained in their safe operation.

16.0 EMERGENCY RESPONSE

16.1 General

This section establishes procedures and provides information for use during a project emergency. Emergencies happen unexpectedly and quickly, and require an immediate response; therefore, contingency planning and advanced training of staff is essential. Specific elements of emergency support procedures that are addressed in the following subsections include communications, local emergency support units, and preparation for medical emergencies, first aid for injuries incurred on site, record keeping, and emergency site evacuation procedures. In case of emergency, in addition to 911, call *Incident Intervention®* at 1-888-479-7787 to report their injuries. For all other communications, contact the Langan Incident Hotline at **(800) 9-LANGAN** (800-952-6426) extension 4699 as soon as possible.

Should outside assistance be needed for accidents, fire, or release of hazardous substances, the emergency numbers will be available and posted at the site (Table 5) where a readily accessible telephone is made available for emergency use.

Also, in the event of an incident where a team member becomes exposed or suffers from an acute symptom from contact with site materials and has to be taken to a hospital, a short medical data sheet (Attachment T) for that individual will be made available to the attending physician. The medical data sheet will include the following:

- Name, address, home phone
- Age, height, weight
- Name of person to be notified in case of an accident
- Allergies
- Particular sensitivities
- Does he/she wear contact lenses
- Short checklist of previous illness
- Name of personal physician and phone
- Name of company physician and phone
- Prescription and non-prescription medications currently used.

A sample medical data sheet is included in Attachment T.

16.2 Responsibilities

16.2.1 Health and Safety Officer (HSO)

The HSO is responsible for ensuring that all personnel are evacuated safely and that machinery and processes are shut down or stabilized in the event of a stop work order or evacuation. The HSO is responsible for ensuring the HSM are notified of all incidents, all injuries, near misses, fires, spills, releases or equipment damage. The HSO is required to immediately notify the HSM of any fatalities or catastrophes (three or more workers injured and hospitalized) so that the HSM can notify OSHA within the required time frame.

16.2.2 Emergency Coordinator

The HSO or their designated alternate will serve as the Emergency Coordinator. The Emergency Coordinator is responsible for ensuring that all personnel are evacuated safely and that machinery and processes are shut down or stabilized in the event of a stop work order or evacuation. They are also responsible for ensuring the HSM are notified of all incidents, all injuries, near misses, fires, spills, releases or equipment damage. The Emergency Coordinator is required to immediately notify the HSM of any fatalities or catastrophes (three or more workers injured and hospitalized.

The Emergency Coordinator shall locate emergency phone numbers and identify hospital routes prior to beginning work on the sites. The Emergency Coordinator shall make necessary arrangements to be prepared for any emergencies that could occur.

The Emergency Coordinator is responsible for implementing the Emergency Response Plan.

16.2.3 Site Personnel

Project site personnel are responsible for knowing the Emergency Response Plan and the procedures contained herein. Personnel are expected to notify the Emergency Coordinator of situations that could constitute a site emergency. Project site personnel, including all subcontractors will be trained in the Emergency Response Plan.

16.3 Communications

Once an emergency situation has been stabilized, or as soon as practically, the injured Langan personnel should contact *Incident Intervention®* at 1-888-479-7787 to report their injuries. For all other communications, contact the Langan Incident Hotline at **(800) 9-LANGAN** (800-952-6426) extension 4699 as soon as possible.

16.4 Local Emergency Support Units

In order to be able to deal with any emergency that might occur during investigative activities at the site, the Emergency Notification Numbers (Table 5) will be posted and provided to all personnel conducting work within the EZ.

Figure 2 shows the hospital route map. Outside emergency number 911 and local ambulance should be relied on for response to medical emergencies and transport to emergency rooms. Always contact first responders when there are serious or life threatening emergencies on the site. Project personnel are instructed not to drive injured personnel to the Hospital. In the event of an injury, provide first aid and keep the injured party calm and protected from the elements and treat for shock when necessary.

16.5 Pre-Emergency Planning

Langan will communicate directly with administrative personnel from the emergency room at the hospital in order to determine whether the hospital has the facilities and personnel needed to treat cases of trauma resulting from any of the contaminants expected to be found on the site. Instructions for finding the hospital will be posted conspicuously in the site office and in each site vehicle.

16.6 Emergency Medical Treatment

The procedures and rules in this HASP are designed to prevent employee injury. Should an injury occur, no matter how slight, it will be reported to the HSO, immediately. First-aid equipment will be available on site at the following locations:

- First Aid Kit: Contractor Vehicles
- Emergency Eye Wash: Contractor Vehicles

During the site safety briefing, project personnel will be informed of the location of the first aid station(s) that has been set up. Some injuries, such as severe cuts and lacerations or burns, may require immediate treatment. Any first aid instructions that can be obtained from doctors or paramedics, before an emergency-response squad arrives at the site or before the injured person can be transported to the hospital, will be followed closely.

16.7 Personnel with current first aid and CPR certification will be identified.

Only in non-emergency situations may an injured person be transported to an urgent care facility. Due to hazards that may be present at the site and the conditions under which operations are conducted, it is possible that an emergency situation may develop. Emergency situations can be

characterized as injury or acute chemical exposure to personnel, fire or explosion, environmental release, or hazardous weather conditions.

16.8 Emergency Site Evacuation Routes and Procedures

All project personnel will be instructed on proper emergency response procedures and locations of emergency telephone numbers during the initial site safety meeting. If an emergency occurs as a result of the site investigation activities, including but not limited to fire, explosion or significant release of toxic gas into the atmosphere, the Langan Project Manager will be verbally notified immediately. All heavy equipment will be shut down and all personnel will evacuate the work areas and assemble at the nearest intersection to be accounted for and to receive further instructions.

In the event that an emergency situation arises, the FTL will implement an immediate evacuation of all project personnel due to immediate or impending danger. The FTL will also immediately communicate with the contractor to coordinate any needed evacuation of the property.

The FTL or Site Supervisor will give necessary instructions until the Designated Incident Commander (IC) assumes control. After the emergency has been resolved, the FTL or Site Supervisor will coordinate with the IC and indicate when staff should resume their normal duties. If dangers are present for those at the designated assembly point, another designated location of assembly will be established.

It will be the responsibility of the FTL or Site Supervisor to report a fire or emergency, assess the seriousness of the situation, and initiate emergency measures until the arrival of the local fire fighters or other first responders, should they be necessary. The FTL, working with emergency responders, may also order the closure of the Site for an indefinite period as long as it is deemed necessary.

Under no circumstances will incoming visitors be allowed to proceed to the area of concern, once an emergency evacuation has been implemented. Visitors or other persons present in the area of the emergency shall be instructed to evacuate the area. The FTL will ensure that access roads are not obstructed and will remain on-site to provide stand-by assistance upon arrival of emergency personnel.

If it is necessary to temporarily control traffic in the event of an emergency, those persons controlling traffic will wear proper reflection warning vests until the arrival of police or fire personnel.

16.8.1 Designated Assembly Locations

All personnel will evacuate the site and assemble at a designated assembly location. The assembly location will be designated by Langan personnel and discussed during each shift's pre-job safety briefing.

16.8.2 Accounting for Personnel

All contractor and subcontractor supervisors are responsible for the accounting of all personnel assembled at the designed assembly area. The Designated Incident Commander shall be notified if personnel are not found.

16.9 Fire Prevention and Protection

In the event of a fire or explosion, procedures will include immediately evacuating the site and notification of the Langan Project Manager of the investigation activities. Portable fire extinguishers will be provided at the work zone. The extinguishers located in the various locations should also be identified prior to the start of work. No personnel will fight a fire beyond the stage where it can be put out with a portable extinguisher (incipient stage).

16.9.1 Fire Prevention

Fires will be prevented by adhering to the following precautions:

Good housekeeping and storage of materials.

- Storage of flammable liquids and gases away from oxidizers.
- Shutting off engines to refuel.
- Grounding and bonding metal containers during transfer of flammable liquids.
- Use of UL approved flammable storage cans.
- Fire extinguishers rated at least 10 pounds ABC located on all heavy equipment, in all trailers and near all hot work activities.

The person responsible for the control of fuel source hazards and the maintenance of fire prevention and/or control equipment is the HSO.

16.10 Significant Vapor Release

Based on the proposed tasks, the potential for a significant vapor release is low. However, if a release occurs, the following steps will be taken:

- Move all personnel to an upwind location. All non-essential personnel shall evacuate.
- Upgrade to Level C Respiratory Protection.

- Downwind perimeter locations shall be monitored for volatile organics.
- If the release poses a potential threat to human health or the environment in the community, the Emergency Coordinator shall notify the Langan Project Manager.
- Local emergency response coordinators will be notified.

16.11 Overt Chemical Exposure

The following are standard procedures to treat chemical exposures. Other, specific procedures detailed on the Material Safety Data Sheet (MSDS) will be followed, when necessary.

SKIN AND EYE: Use copious amounts of soap and water from eye-wash kits and portable hand wash stations.

CONTACT: Wash/rinse affected areas thoroughly, then provide appropriate medical attention. Skin shall also be rinsed for 15 minutes if contact with caustics, acids or hydrogen peroxide occurs. Affected items of clothing shall also be removed from contact with skin.

Providing wash water and soap will be the responsibility of each individual contractor or subcontractor on-site.

16.12 Decontamination during Medical Emergencies

If emergency life-saving first aid and/or medical treatment is required, normal decontamination procedures may need to be abbreviated or omitted. The HSO or designee will accompany contaminated victims to the medical facility to advice on matters involving decontamination when necessary. The outer garments can be removed if they do not cause delays, interfere with treatment or aggravate the problem. Respiratory equipment must always be removed. Protective clothing can be cut away. If the outer contaminated garments cannot be safely removed on site, a plastic barrier placed between the injured individual and clean surfaces should be used to help prevent contamination of the inside of ambulances and/or medical personnel. Outer garments may then be removed at the medical facility. No attempt will be made to wash or rinse the victim if his/her injuries are life threatening, unless it is known that the individual has been contaminated with an extremely toxic or corrosive material which could also cause severe injury or loss of life to emergency response personnel. For minor medical problems or injuries, the normal decontamination procedures will be followed.

16.13 Adverse Weather Conditions

In the event of adverse weather conditions, the HSO will determine if work will continue without potentially risking the safety of all field workers. Some of the items to be considered prior to

determining if work should continue are:

- Potential for heat stress and heat-related injuries.
- Potential for cold stress and cold-related injuries.
- Treacherous weather-related working conditions (hail, rain, snow, ice, high winds).
- Limited visibility (fog).
- Potential for electrical storms.
- Earthquakes.
- Other major incidents.

Site activities will be limited to daylight hours, or when suitable artificial light is provided, and acceptable weather conditions prevail. The HSO will determine the need to cease field operations or observe daily weather reports and evacuate, if necessary, in case of severe inclement weather conditions.

16.14 Spill Control and Response

All small spills/environmental releases shall be contained as close to the source as possible. Whenever possible, the MSDS will be consulted to assist in determining proper waste characterization and the best means of containment and cleanup. For small spills, sorbent materials such as sand, sawdust or commercial sorbents should be placed directly on the substance to contain the spill and aid recovery. Any acid spills should be diluted or neutralized carefully prior to attempting recovery. Berms of earthen or sorbent materials can be used to contain the leading edge of the spills. All spill containment materials will be properly disposed. An exclusion zone of 50 to 100 feet around the spill area should be established depending on the size of the spill.

All contractor vehicles shall have spill kits on them with enough material to contain and absorb the worst-case spill from that vehicle. All vehicles and equipment shall be inspected prior to 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.

The following seven steps shall be taken by the Emergency Coordinator:

1. Determine the nature, identity and amounts of major spills.
2. Make sure all unnecessary persons are removed from the spill area.
3. Notify the HSO immediately.
4. Use proper PPE in consultation with the HSO.
5. If a flammable liquid, gas or vapor is involved, remove all ignition sources and use non-sparking and/or explosion-proof equipment to contain or clean up the spill (diesel-only vehicles, air-operated pumps, etc.)

6. If possible, try to stop the leak with appropriate material.
7. Remove all surrounding materials that can react or compound with the spill.

In addition to the spill control and response procedures described in this HASP, Langan personnel will coordinate with the designated project manager relative to spill response and control actions. Notification to the Project Manager must be immediate and, to the extent possible, include the following information:

- Time and location of the spill.
- Type and nature of the material spilled.
- Amount spilled.
- Whether the spill has affected or has a potential to affect a waterway or sewer.
- A brief description of affected areas/equipment.
- Whether the spill has been contained.
- Expected time of cleanup completion. If spill cleanup cannot be handled by Langan's on-site personnel alone, such fact must be conveyed to the Project Manager immediately.

Langan shall not make any notification of spills to outside agencies. The client will notify regulatory agencies as per their reporting procedures.

16.15 Emergency Equipment

The following minimum emergency equipment shall be kept and maintained on site:

- Industrial first aid kit.
- Fire extinguishers (one per site).

16.16 Restoration and Salvage

After an emergency, prompt restoration of utilities, fire protection equipment, medical supplies and other equipment will reduce the possibility of further losses. Some of the items that may need to be addressed are:

- Refilling fire extinguishers.
- Refilling medical supplies.
- Recharging eyewashes and/or showers.
- Replenishing spill control supplies.

16.17 Documentation

Immediately following an incident or near miss, unless emergency medical treatment is required, either the employee or a coworker must contact the Langan Incident/Injury Hotline at 1-(800)-9-

LANGAN (ext. #4699) and the client representative to report the incident or near miss. For emergencies involving personnel injury and/or exposure, the HSO and affected employee will complete and submit an Employee Exposure/Injury Incident Report (Attachment C) to the Langan Corporate Health and Safety Manager as soon as possible following the incident.

17.0 SPECIAL CONDITIONS

This guideline contains information and requirements for special conditions that may not be routinely encountered.

17.1 Scope

The guideline applies to the specific projects identified within this document. Additional provisions will be addressed in each Site-Specific HASP, as needed.

17.2 Responsibilities

Site Personnel - All site personnel must be alert to safety hazards on work sites and take action to minimize such hazards. Personnel must utilize the buddy system, watch for inappropriate behavior, and be alert to changes in site conditions.

Health and Safety Officer (HSO) - The HSO is responsible for considering these procedures in the development of site specific HASPs. The HSO shall schedule frequent "tail gate" safety briefings to enhance safety awareness and discuss potential problems.

17.3 Procedures

The procedures outlined below shall be followed when such conditions are encountered.

17.3.1 Ladders

Langan safety procedures shall be used to ensure employee safety when using ladders in the office or work sites. All ladders shall be coated or repaired to prevent injury to the employee from punctures or lacerations and to prevent snagging or clothing. Any wood ladders used must have an opaque covering except for identification or warning labels, which may be placed on one face only of a side rail.

17.3.1.1 Ladder Use

Employees shall only use ladders for the purposes, which they were designed and shall not be used as scaffolding. Ladders will be maintained and inspected prior to use for slip hazards

including oil and grease. Employees shall use ladders only on stable and level surfaces unless the ladder is secured to prevent possible displacement. Ladders should not be used on slippery surfaces unless secured or provided with slip resistant feet to prevent accidental displacement. Ladders should not be used in locations where they could be displaced by workplace activities or traffic. Ladder rungs, cleats and steps shall be parallel, level and uniformly spaced when the ladder is in the use position.

Employees should not be carrying anything including equipment that could cause injury if there was a fall while utilizing the ladder. The top and bottom of the ladder area must remain clear while in use. When ascending and descending the ladder, employees must face the ladder.

Ladders shall not be loaded beyond the maximum intended load for which they were built or the manufacturer's rated capacity.

17.3.1.2 Portable Ladders

Rungs, cleats and steps for portable ladders and fixed ladders shall be spaced not less than 10 inches apart, nor more than 14 inches apart, as measured between center lines of the rungs, cleats and steps. When used to access an upper landing surface, the ladder side rails must extend at least three feet above the upper landing surface to which the ladder is used to gain access. If this is not possible, due to the ladders length, then the top of the ladder shall be secured at its top to a rigid support.

17.3.1.3 Step Stools

Rungs, cleats and steps of step stools shall not be less than 8 inches apart, nor more than 12 inches apart, as measured between center lines of the rungs, cleats and steps.

17.3.1.4 Extension Ladders

Rungs, cleats and steps of the base section of extension trestle ladders shall be spaced not less than 8 inches apart, nor more than 18 inches apart, as measured between center lines of the rungs, cleats and steps. The rung spacing on the extension section of the extension trestle ladder shall not be less than 6 inches nor more than 12 inches, as measured between center lines of the rungs, cleats and steps. Ladders shall be used at an angle such that the horizontal distance from the top support to the foot of the ladder is approximately one-quarter of the working length of the ladder (the distance along the ladder between the foot and the top support).

17.3.1.5 Inspection

Ladders will be inspected for visible detects periodically, prior to utilization or after any occurrence that could have negatively affected the ladder. Portable ladders with defects including broken or missing rungs, cleats, or steps, broken or split rails, corroded components or other faulty or defective components shall not be used. The ladder will be immediately marked as defective, tagged as "Do Not Use" or blocked from being used and removed from service until repaired.

17.3.2 First Aid/Cardiopulmonary Resuscitation (CPR)

Langan field and office personnel will be encouraged to be trained in First Aid and Cardiopulmonary Resuscitation (CPR). Training will be provided free of charge by Langan to all employees. Employees will receive a training certificate that will be kept on file with the Health & Safety Coordinator (HSC). Training and certification will be provided by a credited provider such as American Red Cross or equivalent.

17.3.2.1 Emergency Procedures

Prior to work at sites the Langan employees certified in first aid and CPR will be identified in the site specific HASP. Langan will endear to have at least one employee at a job site trained and able to render first aid and CPR. The site specific HASP will contain first aid information on both potential chemical and physical hazards. Emergency procedures to be followed are in case of injury or illnesses are provided in the HASP. The HASP will include emergency contact information including local police and fire departments, hospital emergency rooms, ambulance services, on-site medical personnel and physicians. The HASP will also include directions and contact information to the nearest emergency facility in case immediate medical attention is required. The emergency contact information will be conspicuously posted at the worksite. Employees that are injured and require immediate medical attention shall call either 911 or the local posted emergency contacts. Employees should use ambulatory services to transport injured workers to the nearest facility for emergency medical care. In areas where 911 is not available, the telephone numbers of the physicians, hospitals, or ambulances shall be conspicuously posted.

17.3.2.2 First Aid Supplies

First aid supplies are readily available to all Langan employees when required. First aid kits are located in each Langan office. Portable first aid kits are available for employees to use at work sites. First aid kits should consist of items needed to treat employees for potential chemical and physical injuries. At a minimum, first aid kits should contain items to allow basic first aid to be rendered. Where the eyes or body of an employee may be exposed to corrosive materials,

suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use including eye wash.

First aid kits will be weatherproof with individual sealed packages of each item. All portable first aid kits shall be inspected by Langan employees before and after use to ensure all used items are replaced. When out in the field, employees shall check first aid kits weekly to ensure used items are replaced.

17.3.3 Hydrogen Sulfide

Langan employees with the potential to be exposed to hydrogen sulfide while at work sites shall have training in hydrogen sulfide awareness. The training will include identification of areas where employees could be exposed to hydrogen sulfide, health effects, permissible exposure limits, and first aid procedures and personnel protective equipment. Langan employees could be exposed to hydrogen sulfide while at job sites including petroleum refineries, hazardous waste treatment, storage and disposal facilities, uncontrolled hazardous waste sites and remediation projects.

17.3.3.1 Characteristics

Hydrogen sulfide is a colorless gas with a strong odor of rotten eggs that is soluble in water. Hydrogen sulfide is used to test and make other chemicals. It is also found as a by-product of chemical reactions, such as in sewer treatment. It is a highly flammable gas and a dangerous fire hazard. Poisonous gases are produced in fires including sulfur oxides. Hydrogen sulfide is not listed as a carcinogen.

17.3.3.2 Health Effects

Hydrogen Sulfide can affect employees if inhaled or through contact with skin or eyes. Acute (or short term) health effects of hydrogen sulfide exposure include irritation of the nose and throat, dizziness, confusion, headache and trouble sleeping. Inhalation of hydrogen sulfide can irritate the lungs causing coughing and/or shortness of breath. Higher levels of exposure can cause build-up of fluid in the lungs (pulmonary edema), a medical emergency, with severe shortness of breath.

Chronic (or long term) health effects of low levels of exposure to hydrogen sulfide can cause pain and redness of the eyes with blurred vision. Repeated exposure may cause bronchitis with cough, phlegm and shortness of breath.

17.3.3.3 Protective Clothing and Equipment

Respirators are required for those operations in which employees will be exposed to hydrogen sulfide above OSHA permissible exposure level. The maximum OSHA permissible exposure limit (PEL) for hydrogen sulfide is 20 parts of hydrogen sulfide vapor per million parts of air (20 ppm) for an 8-hour workday and the maximum short-term exposure limit (STEL) is 10 ppm for any 10-minute period.

Where employees are exposed to levels up to 100 parts of hydrogen sulfide vapor per million parts of air (100 ppm), the following types of respiratory protection are allowed:

- Any powered, air purifying respirator with cartridge(s);
- Any air purifying, full-facepiece respirator (gas mask) with a chin style, front- or back-mounted canister;
- Any supplied air system with escape self-contained breathing apparatus, if applicable; and,
- Any self-contained breathing apparatus with a full facepiece.

Respirators used by employees must have joint Mine Safety and Health Administration and the National Institute for Occupational Safety and Health (NIOSH) seal of approval. Cartridges or canisters must be replaced before the end of their service life, or the end of the shift, whichever occurs first. Langan employees that have the potential to be exposed to hydrogen sulfide will be trained in the proper use of respirators. Respirator training is discussed under– Langan's Respiratory Protection Program.

Employees with potential exposure to hydrogen sulfide, or when required by the client, will wear a portable hydrogen sulfide gas detector. The detector should have an audible, visual and vibrating alarm. The detector may also provide detection for carbon monoxide, sulfur dioxide and oxygen deficient atmospheres. The hydrogen sulfide monitor will, at a minimum, be calibrated to detect hydrogen sulfide at a level of 20 parts of hydrogen sulfide vapor per million parts of air (20 ppm). Many portable gas detectors will have factory defaults with a low level alarm at 10 ppm and a high level alarm at 15 ppm. Langan employees shall consult clients to determine if any site specific threshold levels exist.

If the hydrogen sulfide gas detector sounds and employees are not wearing appropriate respiratory protection, employees must immediately vacate the area and meet at the assigned emergency location. Langan employees may not re- enter the site without proper respiratory protection and approval from the client or property owner, if needed.

Employees shall wear PPE to prevent eye and skin contact with hydrogen sulfide. Employees

must wear appropriate protective clothing including boots, gloves, sleeves and aprons, over any parts of their body that could be exposed to hydrogen sulfide. Non-vented, impact resistant goggles should be worn when working with or exposed to hydrogen sulfide.

17.3.3.4 Emergency and First Aid Procedures

Eye and Face Exposure

If hydrogen sulfide comes in contact with eyes, it should be washed out immediately with large amounts of water for 30 minutes, occasionally lifting the lower and upper eye lids. Seek medical attention immediately.

Skin Exposure

If hydrogen sulfide contaminates clothing or skin, remove the contaminated clothing immediately and wash the exposed skin with large amounts of water and soap. Seek medical attention immediately. Contaminated clothing should either be disposed of or washed before wearing again.

Breathing

If a Langan employee or other personnel breathe in hydrogen sulfide, immediately get the exposed person to fresh air. If breathing has stopped, artificial respiration should be started. Call for medical assistance or a doctor as soon as possible.

Safety Precautions

Hydrogen sulfide is a highly flammable gas and a dangerous fire hazard. Containers of hydrogen sulfide may explode in a fire situation. Poisonous gases are produced during fires.

Langan employees should contact property owners and operators prior to conducting work onsite to be aware of any site specific contingency plans, identify where hydrogen sulfide is used at the facility and be informed about additional safety rules or procedures.

19.3.4 Fire Protection/Extinguishers

Langan field personnel that have been provided with portable fire extinguishers for use at worksites will be trained to familiarize employees with general principles of fire extinguisher use and hazards associated with the incipient stage of firefighting. Training will be provided prior to initial assignment for field work and annually thereafter.

Portable fire extinguishers shall be visually inspected monthly and subjected to an annual maintenance check. Langan shall retain records of the annual maintenance date.

17.3.5 Overhead lines

When field work is performed near overhead lines, the lines shall be deenergized and grounded, or other protective measures shall be provided before the work shall commence. If overhead lines are to be deenergized, arrangements shall be made with the client, property owner or organization that operates or controls the electric circuits involved to deenergize and ground them. If protective measures, such as guarding, isolating, or insulating, are provided, these precautions shall prevent employees from contacting such lines directly with any part of their body or indirectly through conductive materials, tools, or equipment.

When unqualified Langan personnel are working in an elevated position near overhead lines, the location shall be such that the person and the longest conductive object they may contact cannot come closer to any unguarded, energized overhead line than the following distances:

1. For voltages to ground 50kV or below - 10 feet; and
2. For voltages to ground over 50kV - 10 feet, plus 4 inches for every 10kV over 50kV.

As previously indicated, Langan does not retain qualified employees to perform work on energized equipment.

17.3.5.1 Vehicle and Equipment Clearance

Any vehicle or mechanical equipment capable of having parts of its structure elevated near energized overhead lines shall be operated so that a clearance of 10 feet is maintained. If the voltage of the overhead lines is higher than 50kV, the clearance shall be increased 4 inches for every 10kV over that voltage.

If any of the following discussed conditions occur, the clearance may be reduced.

- If the vehicle is in transit with its structure lowered, the clearance may be reduced to 4 ft. If the voltage is higher than 50kV, the clearance shall be increased 4 in. for every 10 kV over that voltage.
- If insulating barriers are installed to prevent contact with the lines, and if the barriers are rated for the voltage of the line being guarded and are not a part of or an attachment to the vehicle or its raised structure, the clearance may be reduced to a distance within the designed working dimensions of the insulating barrier.

Employees standing on the ground may not contact the vehicle or mechanical equipment or any

of its attachments, unless the employee is using protective equipment rated for the voltage; or the equipment is located so that no uninsulated part of its structure (that portion of the structure that provides a conductive path to employees on the ground) can come closer to the overhead line than permitted.

If any vehicle or mechanical equipment capable of having parts of its structure elevated near energized overhead lines is intentionally grounded, employees working on the ground near the point of grounding may not stand at the grounding location whenever there is a possibility of overhead line contact. Additional precautions, such as the use of barricades or insulation, shall be taken to protect employees from hazardous ground potentials, depending on earth resistivity and fault currents, which can develop within the first few feet or more outward from the grounding point.

17.3.6 Trade Secret

Langan employees could potentially be provided trade secret information by the client or property owner when site specific information is provided about highly hazardous chemicals. Trade secret means any confidential formula, pattern, process, device, information or compilation of information that is used in an employer's business, and that gives the employer an opportunity to obtain an advantage over competitors who do not know or use it. Langan employees understand that this information should be kept confident and if required, may enter into a confidentially agreement with the client.

17.3.7 Bloodborne Pathogens

Langan employees that can reasonably anticipate exposure to blood or other potentially infectious material while at work sites shall have training in bloodborne pathogens. Applicable employees would include those trained in first aid and serving a designated role as an emergency medical care provider. Bloodborne pathogens are pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include, but are not limited to, hepatitis B virus and human immunodeficiency virus.

17.3.7.1 Training

Langan employees with potential occupational exposure to blood or other potentially infectious material must participate in a training program. Training must be conducted prior to initial assignment where there would be potential for exposure and annually thereafter within one year of previous training. The training program will be provided to Langan employees at no cost to them and during working hours.

Langan will ensure the training program shall consist of the following:

- An accessible copy of the regulatory text of 29 CFR 1910.1030 and an explanation of its contents;
- A general explanation of the epidemiology and symptoms of bloodborne diseases;
- An explanation of the modes of transmission of bloodborne pathogens;
- An explanation of Langan's exposure control plan and the means by which the employee can obtain a copy of the written plan;
- An explanation of the appropriate methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials;
- An explanation of the use and limitations of personal protective
    - equipment (PPE) to prevent and reduce exposure;
    - Information on the types, proper use, location, removal, handling and disposal of PPE;
    - An explanation of the basis for selection of PPE;
    - Information on the hepatitis B vaccine, including information on its efficacy, safety, method of administration, the benefits of being vaccinated, and that the vaccine and vaccination will be offered free of charge;
    - Information on the appropriate actions to take and persons to contact in an emergency involving blood or other potentially infectious materials;
    - An explanation of the procedure to follow if an exposure incident occurs, including the method of reporting the incident and the medical follow-up that will be made available;
    - Information on the post-exposure evaluation and follow-up that the
    - employer is required to provide for the employee following an exposure incident;
    - An explanation of the signs and labels and/or color coding required by paragraph 29 CFR 1910.1030(g)(1); and
    - An opportunity for interactive questions and answers with the person conducting the training session.

Langan will develop and implement a written Exposure Control Plan, which will be designed to eliminate or minimize employee exposure to bloodborne pathogens. The Exposure Control Plan will contain the following elements:

- An exposure determination for employees;
- The schedule and method of implementation for Methods of Compliance (29 CFR 191.1030(d)), Hepatitis B Vaccination and Post-Exposure Evaluation and Follow-up (29 CFR 1910.1030(f)), Communication of Hazards to Employees (29 CFR 1910.1030(g)) and (h) Recordkeeping (29 CFR 1910.1030(h));
- The procedure for the evaluation of circumstances surrounding exposure incidents;
- Ensure a copy of the Exposure Control Plan will be accessible to employees; and,
- The Exposure Control Plan shall be reviewed and updated at least annually.

Langan employees with occupational exposure to bloodborne pathogens include any employees trained in first aid that would be expected to provide emergency medical care. This determination is made without regards to the use of PPE, which could eliminate or minimize exposure.

Universal precautions shall be observed to prevent contact with blood or other potentially infectious materials. According to the concept of Universal Precautions, all human blood and certain human body fluids are treated as if known to be infectious for bloodborne pathogens. Under circumstances in which differentiation between body fluid types is difficult or impossible, all body fluids shall be considered potentially infectious materials.

Work practice controls shall be used to eliminate or minimize employee exposure, if applicable. Since Langan employees will have occupational exposure only during rendering of first aid, personnel protective equipment will be utilized to reduce or minimize exposure. PPE that could be available to Langan personnel when administering first aid includes safety glasses, gloves, and Tyvek suits or sleeves. PPE and first aid kits will be provided to employees at no cost to them.

Langan employees that render first aid in office areas will have access to hand washing facilities or restrooms. For first aid rendered at field locations, first aid kits will contain an appropriate antiseptic hand cleanser and clean cloth/paper towels or antiseptic towelettes. After using antiseptic hand cleansers or towelettes, employees shall wash their hands with soap and running water as soon as feasible.

After administering first aid, potentially infectious materials, including towels, personnel protective equipment, clothes and bandages, shall be placed in a container, which prevents leakage during collection, handling, processing, storage, transport, or shipping. All PPE will be dispose of after use. Any equipment or working surfaces which was been exposed to blood or potentially infectious materials due to an injury, will be decontaminated prior to reuse.

Langan will make available the hepatitis B vaccine and vaccination series to all employees who have occupational exposure, and post-exposure evaluation and follow-up to all employees who have had an exposure incident. These services will be available to the employee at no cost to them through a medical provider.

17.3.7.2 Recordkeeping

Langan will maintain training and medical records for each employee with occupational exposure to blood or potentially infectious materials. Medical and training records will be maintained by Langan's H&S Department.

Training records will include the following:

- Dates of the training sessions;
- Contents or a summary of the training sessions;
- Names and qualifications of persons conducting the training; and
- Names and job titles of all persons attending the training sessions.

Training records shall be maintained for 3 years from the date on which the training occurred. Medical records will be will be preserved and maintained for the duration of employment plus 30 years.

All records will be made available upon request to employees, the Assistant Secretary of Labor for Occupational Safety and Health, and Director of National Institute for Occupational Safety and Health Director of OSHA for examination and copying. Medical records must have written consent from employee before releasing.

If Langan ceases to do business, all records shall be transferred to the successor employer. The successor employer shall receive and maintain these records.

If there will not be a successor, Langan will notify current employees of their rights to access records at least three months prior to the cessation of business.

18.0 RECORDKEEPING

The following is a summary of required health and safety logs, reports and recordkeeping.

18.1 Field Change Authorization Request

Any changes to the work to be performed that is not included in the HASP will require an addendum that is approved by the Langan project manager and Langan HSM to be prepared. Approved changes will be reviewed with all field personnel at a safety briefing.

18.2 Medical and Training Records

Copies or verification of training (40-hour, 8-hour, supervisor, site-specific training, documentation of three-day OJT, and respirator fit-test records) and medical clearance for site work and respirator use will be maintained in the office and available upon request. Records for all subcontractor employees must also be available upon request. All employee medical records will be maintained by the HSM.

18.3 Onsite Log

A log of personnel on site each day will be kept by the HSO or designee.

18.4 Daily Safety Meetings ("Tailgate Talks")

Completed safety briefing forms will be maintained by the HSO.

18.5 Exposure Records

All personal monitoring results, laboratory reports, calculations and air sampling data sheets are part of an employee exposure record. These records will be maintained by the HSO during site work. At the end of the project they will be maintained according to 29 CFR 1910.1020.

18.6 Hazard Communication Program/MSDS-SDS

Material safety data sheets (MSDS) of Safety Data Sheets (SDS) have been obtained for applicable substances and are included in this HASP (Attachment D). Langan's written hazard communication program, in compliance with 29 CFR 1910.1200, is maintained by the HSM.

18.7 Documentation

Immediately following an incident or near miss, unless emergency medical treatment is required, either the employee or a coworker must contact the Langan incident/injury hotline at 1-800-952-6426, extension 4699 and the Project Manager to report the incident or near miss. The Project Manager will contact the client or client representative. A written report must be completed and submitted HSM within 24 hours of the incident. For emergencies involving personnel injury and/or exposure, employee will complete and submit the Langan incident/injury report to the Langan corporate health and safety manager as soon as possible following the incident. Accidents will be investigated in-depth to identify all causes and to recommend hazard control measures.

18.7.1 Accident and Injury Report Forms

18.7.1.1 Accident/Incident Report

All injuries, no matter how slight, shall be reported to the FTL and the PM immediately. The accident/incident report forms, attached in Attachment U and Attachment V will be filled out on all accidents by the applicable contractor supervision personnel, the FTL, or the HSO. Copies of all accident/incident reports shall be kept on-site and available for review. Project personnel will be instructed on the location of the first aid station, hospital, and doctor and ambulance service near the job. The emergency telephone numbers will be conspicuously posted in site vehicles near the work zone. First aid supplies will be centrally located and conspicuously posted between

restricted and non-restricted areas to be readily accessible to all on the site.

18.7.1.2 First Aid Treatment Record

The forms in will be used for recording all non-lost time injuries treated by the project first-aid attendant, the local physician or hospital will be entered in detail on this record. "Minor" treatment of scratches, cuts, etc. will receive the same recording attention as treatment of more severe injuries.

18.7.1.3 OSHA Form 300

An OSHA Form 300 will be kept at the Langan Corporate Office in Parsippany, New Jersey. All recordable injuries or illnesses will be recorded on this form. Subcontractor employers must also meet the requirements of maintaining an OSHA 300 form. The Incident Report form used to capture the details of work-related injuries/illnesses meets the requirements of the OSHA Form 301 (supplemental record) and must be maintained with the OSHA Form 300 for all recordable injuries or illnesses. Forms for recording OSHA work-related injuries and illnesses are included in Attachment U and Attachment V.

19.0 CONFINED SPACE ENTRY

Confined spaces are not anticipated at the Site during planned construction activities. If confined spaces are identified, the contractor must implement their own confined space program that all applicable federal, state and local regulations. Confined spaces **will not** be entered by Langan personnel.

20.0 HASP ACKNOWLEDGEMENT FORM

All Langan personnel and contractors will sign this HASP Compliance Agreement indicating that they have become familiar with this HASP and that they understand it and agree to abide by it.

Printed Name	Signature	Company	Date

TABLES

TABLE 1
TASK HAZARD ANALYSES

Task	Hazard	Description	Control Measures	First Aid
1.3.1 – 1.3.7	Contaminated Soil or Groundwater-Dermal Contact	Contaminated water spills on skin, splashes in eyes; contact with contaminated soil/fill during construction activities or sampling.	Wear proper PPE; follow safe practices, maintain safe distance from construction activities	See Table 2, seek medical attention as required
1.3.1 – 1.3.7	Lacerations, abrasions, punctures	Cutting bailer twine, pump tubing, acetate liners, etc. with knife; cuts from sharp site objects or previously cut piles, tanks, etc.; Using tools in tight spaces	Wear proper PPE; follow safe practices	Clean wound, apply pressure and/or bandages; seek medical attention as required.
1.3.1 – 1.3.7	Contaminated Media Inhalation	Opening drums, tanks, wells; vapors for non-aqueous phase liquids or other contaminated site media; dust inhalation; vapor accumulation	Follow air monitoring plan; have quick access to respirator, do not move or open unlabeled drums found at the site, maintain safe distance from construction activities	See Table 2, seek medical attention as required
1.3.1 – 1.3.7	Lifting	Improper lifting/carrying of equipment and materials causing strains	Follow safe lifting techniques; Langan employees are not to carry contractor equipment or materials	Rest, ice, compression, elevation; seek medical attention as required
1.3.1 – 1.3.7	Slips, trips, and falls	Slips, trips and falls due to uneven surfaces, cords, steep slopes, debris and equipment in work areas	Good housekeeping at site; constant awareness and focus on the task; avoid climbing on stockpiles; maintain safe distance from construction activities; avoid elevated areas over six feet unless fully accredited in fall protection and wearing an approved fall protection safety apparatus	Rest, ice, compression, elevation; seek medical attention as required
1.3.1 – 1.3.7	Noise	Drilling equipment, hand tools, drilling equipment.	Wear hearing protection; maintain safe distance from construction activities	Seek medical attention as required
1.3.1 – 1.3.7	Falling objects	Soil material, tools, etc. dropping from drill rigs, front-end loaders, etc.	Hard hats to be worn at all times while in work zones; maintain safe distance from construction activities	Seek medical attention as required
1.3.1 – 1.3.7	Underground/ overhead utilities	Drilling equipment, drill rig auger makes contact with underground object; boom touches overhead utility	"One Call" before dig; follow safe practices; confirm utility locations with contractor; wear proper PPE; maintain safe distance from construction activities	Seek medical attention as required
1.3.1 – 1.3.7	Insects (bees, wasps, hornet, mosquitoes, and spider)	Sings, bites	Insect Repellent; wear proper protective clothing (work boots, socks and light colored pants);field personnel who may have insect allergies (e.g., bee sting) should provide this information to the HSO or FSO prior to commencing work, and will have allergy medication on site.	Seek medical attention as required
1.3.1 – 1.3.7	Vehicle traffic / Heavy Equipment Operation	Vehicles unable to see workers on site, operation of heavy equipment in tight spaces, equipment failure, malfunctioning alarms	Wear proper PPE, especially visibility vest; use a buddy system to look for traffic; rope off area of work with cones and caution tape or devices at points of hazard, maintain safe distance from construction activities and equipment	Seek medical attention as required

TABLE 2
CONTAMINANT HAZARDS OF CONCERN

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	1,1,2-Trichloro-1,2,2-trifluoroethane Chlorofluorocarbon-113 CFC-113 Freon® 113 Genetron® 113 Halocarbon 113 Refrigerant 113 TTE Frigen 113 TR Freon TF Trichlorotrifluoroethane	76-13-1	PID	1000 ppm 2000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation skin, throat, drowsiness, dermatitis; central nervous system depression; dizziness, tremor, asphyxia, unconsciousness, cardiac arrhythmias, cardiac arrest; liquid: frostbite. In animals: cardiac arrhythmias, narcosis,	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	1,1'-Biphenyl 1,1-Biphenyl Biphenyl Phenyl benzene Diphenyl	92-52-4	None	1 mg/m³ 100 mg/m³	Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, throat; headache, nausea, lassitude (weakness, exhaustion), numb limbs; liver damage	Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	1,2,4,5-Tetramethylbenzene	95-93-2	NA	None None	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	1,2,4-Trimethylbenzene	95-63-6	PID	None None	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	1,2-Dichlorobenzene	95-50-1	PID	50 ppm 200 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eye, swelling periorbital (situated around the eye); profuse rhinitis; headache, anorexia, nausea, vomiting; weight loss, jaundice, cirrhosis; in animals: liver, kidney injury; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	1,2-Dichloroethane Ethylene dichloride 1,2-DCA DCE[1] Ethane dichloride Dutch liquid, Dutch oil Freon 150 Glycol dichloride	107-06-2	PID	1 ppm 50 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin absorption, skin and/or eye contact	irritation to the eyes, corneal opacity; central nervous system depression; nausea, vomiting; dermatitis; liver, kidney, cardiovascular system damage; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	1,2-Dichloroethene 1,2-Dichloroethylene 1,2-DCE trans-1,2-Dichloroethylene Total 1,2-Dichloroethene cis-1,2-Dichloroethylene mixture of cis and trans Acetylene dichloride cis-Acetylene dichloride sym-Dichloroethylene cis-1,2-Dichloroethene cDCE 1,1-dimethyl-;dimethyl1,1-cyclohexane sym-Dichloroethylene Dichloroethylenes trans-1 2-Dichloroethene	159-59-2 156-60-5 156-60-2 540-59-0	PID	200 ppm 4000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	Irritant to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion, skin absorption and inhalation	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	1,3,5-Trimethylbenzene Mesitylene sym-Trimethylbenzene	108-67-8	PID	None None	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	1,4-Dichlorobenzene para-Dichlorobenzene p-Dichlorobenzene 1,4-Dichlorobenzene 1,4-DCB para-Dichlorobenzene p-Dichlorobenzene p-DCB PDB Paramoth Para crystals Paracide Dichlorocide	106-46-7	PID	75 ppm 150 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, swelling periorbital (situated around the eye); profuse rhinitis; headache, anorexia, nausea, vomiting; weight loss, jaundice, cirrhosis; in animals: liver, kidney injury; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	2-Butanone Ethyl methyl ketone MEK Methyl acetone Methyl ethyl ketone	78-93-3	PID	200 ppm 3000 ppm	Soil Groundwater Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose; headache; dizziness; vomiting; dermatitis	Eye: Irrigate immediately Skin: Water wash immediately Breathing: Fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	2-Hexanone Butyl methyl ketone MBK Methyl butyl ketone Methyl n-butyl ketone	591-78-6	PID	100 ppm 1600 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose; peripheral neuropathy: lassitude (weakness, exhaustion), paresthesia; dermatitis; headache, drowsiness	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	2-Methylnaphthalene β-methylnaphthalene	91-57-6	PID	NA NA	Groundwater Soil Vapor	inhalation, ingestion or skin absorption, eye contact	irritation to the skin, eyes, mucous membranes and upper respiratory tract. It may also cause headaches, nausea, vomiting, diarrhea, anemia, jaundice, euphoria, dermatitis, visual disturbances, convulsions and comatose	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	4,4′-DDD Dichlorodiphenyldichloroethane 1,1'-(2,2-Dichloroethylidene)bis (4-chlorobenzene) p,p'-DDD	72-54-8	None	NA NA	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	4-Isopropyltoulene 1-Methyl-4-(1-methylethyl)benzene 4-Isopropyltoluene; 4-Methylcumene; 1-Methyl-4-isopropylbenzene Dolcymene Camphogen Paracymene Cymene p-Cymene p-Isopropyltoluene	99-87-6	PID	NA NA	Soil Groundwater Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; dermatitis; headache, narcosis, coma	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	4-Methyl-2-pentanone Hexone Isobutyl methyl ketone Methyl isobutyl ketone MIBK	108-10-1	PID	100 ppm 500 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; headache, narcosis, coma; dermatitis; in animals: liver, kidney damage	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Acenaphthene 1,2-Dihydroacenaphthylene 1,8-Ethylenenaphthalene peri-Ethylenenaphthalene Naphthyleneethylene Tricyclododecapentaene	83-32-9	PID	NA NA	Soil	inhalation, ingestion, skin and/or eye contact,	irritation to the skin, eyes, mucous membranes and upper respiratory tract; If ingested, it can cause vomiting	Eye: Irrigate immediately Skin: Soap wash immediately, if redness or irritation develop, seek medical attention immediately Breathing: Move to fresh air Swallow: do not induce vomiting, seek medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Acenaphthylene Cycopental(de)naphthalene, Acenaphthalene	208-96-8	PID	NA NA	Soil	inhalation, ingestion, skin and/or eye contact	irritation to the skin, eyes, mucous membranes and upper respiratory tract	Eye: Irrigate immediately, seek medical attention immediately, Skin: Soap wash immediately, if redness or irritation develop, seek medical attention immediately Breathing: Move to fresh air Swallow: do not induce vomiting, seek medical attention immediately
1.3.1 – 1.3.7	Acetone Dimethyl ketone Ketone propane 2-Propanone	67-64-1	PID	1000 ppm 2500 ppm	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, nose, throat; headache, dizziness, central nervous system Acetophenone depression; dermatitis	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Acetophenone 1-phenylethanone Methyl phenyl ketone Phenylethanone	98-86-2	None	NA NA	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the skin, eyes, mucous membranes and upper respiratory tract	Eye: Irrigate immediately, seek medical attention immediately, Skin: Soap wash immediately, if redness or irritation develop, seek medical attention immediately Breathing: Move to fresh air Swallow: do not induce vomiting, seek medical attention immediately
1.3.1 – 1.3.7	Aluminum	7429-90-5	None	0.5 mg/m3 50 mg/m3	Soil	inhalation, skin and/or eye contact	irritation to the eyes, skin, respiratory system	Eye: Irrigate immediately Breathing: Fresh air
1.3.1 – 1.3.7	Anthracene	120-12-7	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	irritation to the skin, eyes, mucous membranes and upper respiratory tract, abdominal pain if ingested.	Eye: Irrigate immediately, seek medical attention immediately, Skin: Soap wash immediately, Breathing: Move to fresh air, refer to medical attention; Swallow: refer to medical attention

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Antimony	7440-36-0	None	0.5 mg/m^3 50 mg/m^3	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation skin, possible dermatitis; resp distress; diarrhea; muscle tremor, convulsions; possible gastrointestinal tract	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Arsenic	NA	None	0.5 mg/m^3 NA	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation skin, possible dermatitis; resp distress; diarrhea; muscle tremor, convulsions; possible gastrointestinal tract	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Barium	10022-31-8	None	0.5 mg/m^3 50 mg/m^3	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, upper respiratory system; skin burns; gastroenteritis; muscle spasm; slow pulse	Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Benzene Benzol Phenyl hydride Alkyl benzene isomers	71-43-2	PID	3.19 mg/m^3 1,595 mg/mg^3	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; lassitude (weakness, exhaustion) [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Benzo(a)anthracene Benzanthracene Benzanthrene 1,2-Benzanthracene Benzo[b]phenanthrene Tetraphene	56-55-3	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, skin or eye contact, ingestion	dermatitis, bronchitis, [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Benzo(a)pyrene	50-32-8	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	dermatitis, bronchitis, [potential occupational carcinogen]	Eye: Irrigate immediately, seek medical attention Skin: Soap wash immediately; Breathing: move to fresh air; Swallow: Induce vomiting if conscious, seek medical attention immediately
1.3.1 – 1.3.7	Benzo(b)fluoranthene	205-99-2	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation(dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Benzo(g,h,i)perylene Benzo(ghi)perylene	191-24-2	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	NA	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	Benzo(k)fluoranthene	207-08-9	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	Benzoic acid Carboxybenzene E210 Dracylic acid Phenylmethanoic acid Benzenecarboxylic acid Benzoic acid isomer	65-85-0	None	NA NA	Groundwater Soil Vapor	inhalation, skin or eye contact, ingestion	irritation to eyes with possible eye damage, skin causing rash, redness or burning, irritation to nose, throat and lungs	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air
1.3.1 – 1.3.7	Benzyl Alcohol Benzenemethanol Phenyl carbinol alpha-Hydroxytoluene Benzoyl alcohol Phenyl methanol	100-51-6	PID	NA NA	Groundwater Soil Vapor	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Beryllium	7440-41-7	None	0.002 mg/m^3 4 mg/m^3	Soil	inhalation, skin and/or eye contact	berylliosis (chronic exposure): anorexia, weight loss, lassitude (weakness, exhaustion), chest pain, cough, clubbing of fingers, cyanosis, pulmonary insufficiency; irritation to the eyes; dermatitis; [potential occupational carcinogen]	Eye: Irrigate immediately Breathing: Fresh air
1.3.1 – 1.3.7	Bis(2-ethylhexyl)phthalate Bis(2-Ethylhexyl) Phthalate Di-sec octyl phthalate DEHP Di(2-ethylhexyl)phthalate Octyl phthalate bis(2-ethylexyl)phthalate Bis(2-Ethylhexyl) Phthalate	117-81-7	None	5 mg/m^3 5000 mg/m^3	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, mucous membrane; in animals: liver damage; teratogenic effects; [potential occupational carcinogen	Eye: Irrigate immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	BTEX Benzene, Toluene, Ethylbenzene M-Xylene, O-Xylene And P-Xylene; BTEX I; BTEX II; BTEX Mixture I; BTEX Mixture II; BTEX Stock Standard Total BTEX	NA	PID	3.19 mg/m^3 1,595 mg/mg^3	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; lassitude (weakness, exhaustion) [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Cadmium	7440-43-9	None	0.005 mg/m^3 9 mg/m^3	Soil	inhalation, ingestion	pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Calcium	7440-70-2	None	NA	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, upper resp tract; ulcer, perforation nasal septum; pneumonitis; dermatitis	Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Carbazole 9-azafluorene Dibenzopyrrole Diphenylenimine diphenyleneimide	86-74-8	None	NA NA	Soil	inhalation, skin absorption (liquid), skin and/or eye contact	irritation to eyes and skin, respiratory irritation	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Carbon disulfide	75-15-0	PID	20 ppm 500 ppm	Soil Groundwater Vapor	inhalation, skin or eye contact, ingestion	irritation to the eyes, skin, respiratory system	Eye: Irrigate immediately (liquid) Skin: Water flush immediately (liquid) Breathing: Respiratory support
1.3.1 – 1.3.7	Carbon tetrachloride Carbon chloride Carbon tet Freon® 10 Halon® 104 Tetrachloromethane	56-23-5	PID	10 ppm 200 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; central nervous system depression; nausea, vomiting; liver, kidney injury; drowsiness, dizziness, incoordination; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Chloroethane Ethyl chloride, Monochloroethane Chlorene Muriatic ether EtCl UN 1037 Hydrochloric ether	75-00-3	PID	1000 ppm 38000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation eyes, skin, throat; confusion, dizziness, central nervous system depression; pulmonary edema	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Chloroform Methane trichloride Trichloromethane Chloro-3-methyl phenol	67-66-3	None	50 ppm 500 ppm	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; dizziness, mental dullness, nausea, confusion; headache, lassitude (weakness, exhaustion); anesthesia; enlarged liver; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Chromium Total Chromium Chromium, Total	7440-47-3	None	1.0 mg/m^3 250 mg/m^3	Groundwater Soil	inhalation absorption ingestion	irritation to eye, skin, and respiratory	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Chrysene Benzo[a]phenanthrene 1,2-Benzphenanthrene	218-01-9	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, absorption, ingestion, consumption	irritation to eye, skin, and respiratory, gastrointestinal irritation nausea, vomit, diarrhea [potential occupational carcinogen]	Eyes: Irrigate immediately Skin: Soap wash promptly. Breath: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	cis-1,2-Dichloroethylene cis-1,2-Dichloroethene	156-59-2	NA	NA NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	Irritant to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion, skin absorption and inhalation	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Cobalt	7440-48-4	None	0.1mg/m^3 20 mg/m^3	Soil	inhalation, ingestion, skin and/or eye contact	Cough, dyspnea (breathing difficulty), wheezing, decreased pulmonary function; weight loss; dermatitis; diffuse nodular fibrosis; resp hypersensitivity, asthma	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Copper	7440-50-8	None	1.0 mg/m^3 100 mg/m^3	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, nose, metallic taste; dermatitis; anemia	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Cumene Cumol Isopropylbenzene 2-Phenyl propane 1-methylethy lbenzene	98-82-8	PID	50 ppm 900 ppm	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; dermatitis; headache, narcosis, coma	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Cyanide	57-12-5	None	5 mg/m^3 25 mg/m^3	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	Exposure to cyanide can cause weakness, headaches, confusion, dizziness, fatigue, anxiety, sleepiness, nausea and vomiting. Breathing can speed up then become slow and gasping. Coma and convulsions also occur. If large amounts of cyanide have been absorbed by the body, the person usually collapses and death can occur very quickly. Long-term exposure to lower levels of cyanide can cause skin and nose irritation, itching, rashes and thyroid changes.	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Cyclohexane Benzene hexahydride Hexahydrobenzene Hexamethylene Hexanaphthene	110-82-7	PID	300 ppm 1300 ppm	Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, respiratory system; drowsiness; dermatitis; narcosis, coma	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	DDT 4,4-DDT 4,4′-DDT p,p′-DDT Dichlorodiphenyltrichloroethane 1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane	50-29-3	None	1 mg/m³ 500 mg/m³	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Dibenz(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo[a,h]anthracene	53-70-3	PID	0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar)	Groundwater Soil	inhalation, absorption, ingestion, consumption	irritation to eyes, skin, respiratory, and digestion [potential occupational carcinogen]	Eyes: Irrigate immediately Skin: Soap wash promptly. Breath: Respiratory support PID Swallow: Medical attention immediately
1.3.1 – 1.3.7	Dibenzofuran	132-64-9	None	NA NA	Soil	inhalation, absorption	irritation to eyes, and skin	Eyes: Irrigate immediately Skin: Soap wash promptly.
1.3.1 – 1.3.7	Dibutyl phthalate Di-n-butyl phthalate Butyl phthalate n-Butyl phthalate 1,2-Benzenedicarboxylic acid dibutyl ester o-Benzenedicarboxylic acid dibutyl ester DBP Palatinol C, Elaol Dibutyl-1,2-benzene-dicarboxylate Di-n-butylphthalate	84-74-2	None	5 mg/m³ 4000 mg/m³	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, upper respiratory system, stomach	Eye: Irrigate immediately Skin: Wash regularly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Dichlorodifluoromethane Difluorodichloromethane, Fluorocarbon 12 Freon 12 Freon® 12 Genetron® 12 Halon® 122 Propellant 12 Refrigerant 12 Dichlorodifluromethane	75-71-8	None	1000 pp, 15,000 ppm	Groundwater Soil Vapor	inhalation, skin and/or eye contact (liquid)	dizziness, tremor, asphyxia, unconsciousness, cardiac arrhythmias, cardiac arrest; liquid: frostbite	Eye: Frostbite Skin: Frostbite Breathing: Respiratory support
1.3.1 – 1.3.7	Diesel Fuel automotive diesel fuel oil No. 2 distillate diesoline diesel oil diesel oil light diesel oil No. 1-D summer diesel	68334-30-5	PID	NA NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Ethyl acetate Acetic ester Acetic ether Ethyl ester of acetic acid Ethyl ethanoate	141-78-6	PID	400 ppm 2000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation eyes, skin, nose, throat; narcosis; dermatitis	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Ethyl benzene Ethylbenzene Ethylbenzol Phenylethane	100-41-4	PID	435 mg/m^3 3,472 mg/m^3	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Fluoranthene Benzo(j, k)fluorene	206-44-0	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation(dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	Fluorene	86-73-7	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation(dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attenti

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Fuel Oil No. 2	68476-30-2	PID	NA NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Gasoline	8006-61-9	PID	NA NA	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Helium	7440-59-7	Helium Detector	NA NA	NA	inhalation	dizziness, headache, and nausea	Breathing: Respiratory support
1.3.1 – 1.3.7	Heptane n-Heptane	142-82-5	PID	500 ppm 750 ppm	Goundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	dizziness, stupor, incoordination; loss of appetite, nausea; dermatitis; chemical pneumonitis (aspiration liquid); unconsciousness	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Hexavalent Chromium Chromium VI Chromium, Hexavalent	18540-29-9	None	1.0 mg/m^3 250 mg/m^3	Groundwater Soil	inhalation absorption ingestion	irritation to eye, skin, and respiratory	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Indeno(1,2,3-cd)pyrene Indeno(1,2,3-c,d)Pyrene Indeno[1,2,3-cd]Pyrene	193-39-5	None	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, absorption, ingestion, consumption	irritation to eyes, skin, respiratory, and digestion [potential occupational carcinogen]	Eyes: Irrigate immediately Skin: Soap wash promptly. Breath: Respiratory support Swallow: Medical attention immediately, wash mouth with water
1.3.1 – 1.3.7	Iron	7439-89-6	None	10 mg/m^3 NA	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; abdominal pain, diarrhea, vomiting	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Isopropyl alcohol Iso-Propyl Alcohol Carbinol IPA Isopropanol 2-Propanol sec-Propyl alcohol Rubbing alcohol Isopropylalcohol	67-63-0	PID	400 ppm 2000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, nose, throat; drowsiness, dizziness, headache; dry cracking skin; in animals: narcosis	Eye: Irrigate immediately Skin: Water flush Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Lead	7439-92-1	None	0.050 mg/m^3 100 mg/m^3	Groundwater Soil	inhalation, ingestion, skin and/or eye contact	lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation to the eyes; hypertension	Eye: Irrigate immediately Skin: Soap flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Magnesium	7439-95-4	None	15 mg/m^3 NA	Soil	inhalation, skin and/or eye contact	irritation to the eyes, skin, respiratory system; cough	Eye: Irrigate immediately Breathing: Fresh air
1.3.1 – 1.3.7	Manganese	7439-96-5	None	5 mg/m^3 500 mg/m^3	Groundwater Soil	inhalation, ingestion	aerosol is irritating to the respiratory tract	Eye: Irrigate immediately Skin: Soap flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Mercury	7439-97-6	None	0.1 mg/m^3 10 mg/m^3	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Methyl chloroform Chlorothene 1,1,1-Trichloroethane 1,1,1-Trichloroethane-(stabilized) 1,1,1-TCA	71-55-6	PID	350 ppm 700 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin; headache, lassitude (weakness, exhaustion), central nervous system depression, poor equilibrium; dermatitis; cardiac arrhythmias; liver damage	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention
1.3.1 – 1.3.7	Methyl methacrylate Methacrylate monomer Methyl ester of methacrylic acid Methyl-2-methyl-2-propenoate	80-62-6	PID	100 ppm 1000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation eyes, skin, nose, throat; dermatitis	Eye: Irrigate immediately Skin: Water wash immediately Breathing: Fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	Methylene Chloride Dichloromethane Methylene dichloride	75-09-2	PID	25 ppm 2300 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; lassitude (weakness, exhaustion), drowsiness, dizziness; numb, tingle limbs; nausea; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	m-Xylenes 1,3-Dimethylbenzene m-Xylol Metaxylene	108-38-3 179601-23-1	PID	100 ppm 900 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Naphthalene Naphthalin Tar camphor White tar	91-20-3	PID	50 mg/m³ 250 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes; headache, confusion, excitement, malaise (vague feeling of discomfort); nausea, vomiting, abdominal pain; irritation bladder; profuse sweating; hematuria (blood in the urine); dermatitis, optical neuritis	Eye: Irrigate immediately Skin: Molten flush immediately/solid-liquid soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	n-Butylbenzene Butylbenzene 1-phenylbutane	104-51-8	PID	NA NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin; dry nose, throat; headache; low blood pressure, tachycardia, abnormal cardiovascular system stress; central nervous system, hematopoietic depression; metallic taste; liver, kidney injury	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	n-Hexane Hexane, Hexyl hydride, normal-Hexane	110-54-3	PID	500 ppm 1100 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, nose; nausea, headache; peripheral neuropathy: numb extremities, muscle weak; dermatitis; dizziness; chemical pneumonitis (aspiration liquid)	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Nickel	7440-02-0	None	NA 10 mg/m³	Groundwater Soil	ion, ingestion, skin and/or eye contact	sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen]	Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Non-Flammable Gas Mixture CALGAS (Equipment Calibration Gas : Oxygen Methane Hydrogen Sulfide Carbon Monoxide Nitrogen	 7782-44-7 74-82-8 7783-08-4 830-08-0 7727-37-9	Multi-Gas PID	 NA/NA NA/NA 10/100 ppm 50/1200 ppm NA/NA	NA	inhalation	dizziness, headache, and nausea	Breathing: Respiratory support
1.3.1 – 1.3.7	Non-Flammable Gas Mixture CALGAS (Equipment Calibration Gas : Oxygen Isobutylene Nitrogen	 7782-44-7 115-11-7 7727-37-9	PID	 NA/NA NA/NA NA/NA	NA	inhalation	dizziness, headache, and nausea	Breathing: Respiratory support
1.3.1 – 1.3.7	n-Propylbenzene Isocumene Propylbenzene 1-Phenylpropane 1-Propylbenzene Phenylpropane	103-65-1	PID	NA NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin; dry nose, throat; headache; low blood pressure, tachycardia, abnormal cardiovascular system stress; central nervous system, hematopoietic depression; metallic taste; liver, kidney injury	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	o-Xylenes 1,2-Dimethylbenzene ortho-Xylene o-Xylol	95-47-6 179601-23-1	PID	100 ppm 900 ppm	Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	p-Ethyltoluene 4-Ethyltoluene 1-ethyl-4-methyl-benzene 1-methyl-4-ethylbenzene	622-96-8	NA	NA NA	Soil	ingestion, skin and/or eye contact	irritation to the eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Phenanthrene	85-01-8	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation(dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	Phenol Carbolic acid Hydroxybenzene, Monohydroxybenzene Phenyl alcohol Phenyl hydroxide	108-95-2	PID	5 ppm 250 ppm	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose, throat; anorexia, weight loss; lassitude (weakness, exhaustion), muscle ache, pain; dark urine, skin burns; dermatitis; tremor, convulsions, twitching	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Potassium	7440-09-7	None	NA NA	Soil	inhalation, skin absorption, ingestion, skin and/or eye contact inhalation, ingestion, skin and/or eye contact	eye: Causes eye burns. Skin: Causes skin burns. Reacts with moisture in the skin to form potassium hydroxide and hydrogen with much heat. ingestion: Causes gastrointestinal tract burns. inhalation: May cause irritation of the respiratory tract with burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema. Causes chemical burns to the respiratory tract. inhalation may be fatal as a result of spasm, inflammation, edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.	Eyes: Get medical aid immediately Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Ingestion: If victim is conscious and alert, give 2-4 full cups of milk or water. Get medical aid immediately. inhalation: Get medical aid immediately.
1.3.1 – 1.3.7	Propylene Propene Methyl ethylene	115-07-1	PID	NA NA	Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose, throat, skin burns asphyxiation	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	p-Xylenes 1,4-Dimethylbenzene para-Xylene p-Xylol	106-42-3	PID	100 ppm 900 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Pyrene benzo[def]phenanthrene	129-00-0	PID	0.2 mg/m^3 80 mg/m^3 (Coal Pitch Tar)	Groundwater Soil	inhalation, skin or eye contact, ingestion	irritation to eyes and skin, respiratory irritation(dizziness, weakness, fatigue, nausea, headache)	Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately
1.3.1 – 1.3.7	sec-Butylbenzene 2-phenylbutane	135-98-8	PID	10 ppm 100 ppm	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose, throat; inhalation: nausea or vomiting	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Selenium	7782-49-2	None	1 mg/m³ 0.2 mg/m³	Soil	inhalation, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis; metallic taste, garlic breath, gastrointestinal disturbance; dermatitis; eye, skin burns; in animals: anemia; liver necrosis, cirrhosis; kidney, spleen damage	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Silver	7440-22-4	None	0.01 mg/m³ 10 mg/m³	Soil	inhalation, ingestion, skin and/or eye contact	blue-gray eyes, nasal septum, throat, skin; irritation, ulceration skin; gastrointestinal disturbance	Eye: Irrigate immediately Skin: Water flush Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Sodium	7440-23-5	None	NA NA	Groundwater Soil	ion, ingestion, skin and/or eye contact	sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen]	Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Styrene Ethenyl benzene Phenylethylene Styrene monomer Styrol Vinyl benzene	100-42-5	PID	100 ppm 700 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose, respiratory system; headache, lassitude (weakness, exhaustion), dizziness, confusion, malaise (vague feeling of discomfort), drowsiness, unsteady gait; narcosis; defatting dermatitis; possible liver injury; reproductive effects	Eye: Irrigate immediately Skin: Water flush Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	tert-Butylbenzene *t*-Butylbenzene 2-Methyl-2-phenylpropane Pseudobutylbenzene	98-06-6	PID	10 ppm NA	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	eye, skin irritation; dry nose, throat; headaches; low blood pressure, tachycardia; abnormal cardiovascular system; central nervous system depression; hematopoietic depression	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Tetrachloroethylene Perchlorethylene Perchloroethylene PCE Perk Tetrachlorethylene Tetrachloroethene	127-18-4	PID	100 ppm 150 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Thallium	7440-28-0	None	0.1 mg/m³ 15 mg/m³	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	nausea, diarrhea, abdominal pain, vomiting; ptosis, strabismus; peri neuritis, tremor; retrosternal (occurring behind the sternum) tightness, chest pain, pulmonary edema; convulsions, chorea, psychosis; liver, kidney damage; alopecia; paresthesia legs	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Toluene Methyl benzene Methyl benzol Phenyl methane Toluol	108-88-3	PID	200 ppm 500 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, paresthesia; dermatitis	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Total Xylenes Dimethylbenzene Xylol	1330-20-7	PID	100 ppm 900 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Trichloroethylene Trichloroetheneylenes Ethylene trichloride TCE Trichloroethene Trilene	79-01-6	PID	100 ppm 1000 ppm	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Trichlorofluoromethane Fluorotrichloromethane Freon® 11 Monofluorotrichloromethane Refrigerant 11 Trichloromonofluoromethane Freon 11	75-69-4	PID	1000 ppm 2000 ppm	Groundwater Soil Vapor	inhalation, ingestion, skin and/or eye contact	incoordination, tremor; dermatitis; cardiac arrhythmias, cardiac arrest; asphyxia; liquid: frostbite	Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Trivalent Chromium Chromium III Chromium, Trivalent	NA	None	1.0 mg/m^3 250 mg/m^3	Groundwater Soil	inhalation absorption ingestion	irritation to eye, skin, and respiratory	Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Vanadium	7440-62-2	None	0.1 mg/m3 15 mg/m3	Groundwater Soil	inhalation, skin absorption, ingestion, skin and/or eye contact	nausea, diarrhea, abdominal pain, vomiting; ptosis, strabismus; peri neuritis, tremor; retrosternal (occurring behind the sternum) tightness, chest pain, pulmonary edema; convulsions, chorea, psychosis; liver, kidney damage; alopecia; paresthesia legs	Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately
1.3.1 – 1.3.7	Vinyl Chloride Chloroethene Chloroethylen Ethylene monochloride Monochloroethene Monochloroethylene VC Vinyl chloride monomer (VCM)	75-01-4	PID	1 ppm NA	Groundwater Soil Vapor	inhalation, skin and/or eye contact (liquid)	lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen]	Eye: Frostbite Skin: Frostbite Breathing: Respiratory support
1.3.1 – 1.3.7	Vinylidene chloride 1,1-DCE 1,1-Dichloroethene 1,1-Dichloroethylene VDC Vinylidene chloride monomer Vinylidene dichloride	75-35-4	PID	NA NA	Groundwater Soil Vapor	inhalation, skin absorption, ingestion, skin and/or eye contact	irritation to the eyes, skin, throat; dizziness, headache, nausea, dyspnea (breathing difficulty); liver, kidney disturbance; pneumonitis; [potential occupational carcinogen]	Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Task	Contaminant	CAS Number	Monitoring Device	PEL/ IDLH	Source of Concentration on Site	Route of Exposure	Symptoms	First Aid
1.3.1 – 1.3.7	Zinc	7440-62-2	None	15 mg/m^3 500 mg/m^3	Groundwater Soil	inhalation	chills, muscle ache, nausea, fever, dry throat, cough; lassitude (weakness, exhaustion); metallic taste; headache; blurred vision; low back pain; vomiting; malaise (vague feeling of discomfort); chest tightness; dyspnea (breathing difficulty), rales, decreased pulmonary function	Breathing: Respiratory support`

EXPLANATION OF ABBREVIATIONS

PID = Photoionization Detector
PEL = Permissible Exposure Limit (8-hour Time Weighted Average)
IDLH = Immediately Dangerous to Life and Health
ppm = part per million
mg/m^3 = milligrams per cubic meter

TABLE 3
Summary of Monitoring Equipment

Instrument	Operation Parameters
Photoionization Detector (PID)	**Hazard Monitored:** Many organic and some inorganic gases and vapors. **Application:** Detects total concentration of many organic and some inorganic gases and vapors. Some identification of compounds is possible if more than one probe is measured. **Detection Method:** Ionizes molecules using UV radiation; produces a current that is proportional to the number of ions. **General Care/Maintenance:** Recharge or replace battery. Regularly clean lamp window. Regularly clean and maintain the instrument and accessories. **Typical Operating Time:** 10 hours. 5 hours with strip chart recorder.
Oxygen Meter	**Hazard Monitored:** Oxygen (O_2). **Application:** Measures the percentage of O_2 in the air. **Detection Method:** Uses an electrochemical sensor to measure the partial pressure of O_2 in the air, and converts the reading to O_2 concentration. **General Care/Maintenance:** Replace detector cell according to manufacturer's recommendations. Recharge or replace batteries prior to explanation of the specified interval. If the ambient air is less than 0.5% C O_2, replace the detector cell frequently. **Typical Operating Time:** 8 – 12 hours.
Additional equipment (if needed, based on site conditions)	
Combustible Gas Indicator (CGI)	**Hazard Monitored:** Combustible gases and vapors. **Application:** Measures the concentration of combustible gas or vapor. **Detection Method:** A filament, usually made of platinum, is heated by burning the combustible gas or vapor. The increase in heat is measured. Gases and vapors are ionized in a flame. A current is produced in proportion to the number of carbon atoms present. **General Care/Maintenance:** Recharge or replace battery. Calibrate immediately before use. **Typical Operating Time:** Can be used for as long as the battery lasts, or for the recommended interval between calibrations, whichever is less.
Flame Ionization Detector (FID) with Gas Chromatography Option *(i.e., Foxboro Organic Vapor Analyzer (OVA))*	**Hazard Monitored:** Many organic gases and vapors (approved areas only). **Application:** In survey mode, detects the concentration of many organic gases and vapors. In gas chromatography (GC) mode, identifies and measures specific compounds. In survey mode, all the organic compounds are ionized and detected at the same time. In GC mode, volatile species are separated. **General Care/Maintenance:** Recharge or replace battery. Monitor fuel and/or combustion air supply gauges. Perform routine maintenance as described in the manual. Check for leaks. **Typical Operating Time:** 8 hours; 3 hours with strip chart recorder.
Potable Infrared (IR) Spectrophotometer	**Hazard Monitored:** Many gases and vapors. **Application:** Measures concentration of many gases and vapors in air. Designed to quantify one or two component mixtures. **Detection Method:** Passes different frequencies of IR through the sample. The frequencies absorbed are specific for each compound. **General Care/Maintenance:** As specified by the manufacturer.

Instrument	Operation Parameters
Direct Reading Colorimetric Indicator Tube	**Hazard Monitored:** Specific gas and vapors. **Application:** Measures concentration of specific gases and vapors. **Detection Method:** The compound reacts with the indicator chemical in the tube, producing a stain whose length or color change is proportional to the compound's concentration. **General Care/Maintenance:** Do not use a previously opened tube even if the indicator chemical is not stained. Check pump for leaks before and after use. Refrigerate before use to maintain a shelf life of about 2 years. Check expiration dates of tubes. Calibrate pump volume at least quarterly. Avoid rough handling which may cause channeling.
Aerosol Monitor	**Hazard Monitored:** Airborne particulate (dust, mist, fume) concentrations **Application:** Measures total concentration of semi-volatile organic compounds, PCBs, and metals. **Detection Method:** Based on light-scattering properties of particulate matter. Using an internal pump, air sample is drawn into the sensing volume where near infrared light scattering is used to detect particles. **General Care/Maintenance:** As specified by the mfr. Also, the instrument must be calibrated with particulates of a size and refractive index similar to those to be measured in the ambient air.
Monitox	**Hazard Monitored:** Gases and vapors. **Application:** Measures specific gases and vapors. **Detection Method:** Electrochemical sensor relatively specific for the chemical species in question. **General Care/Maintenance:** Moisten sponge before use; check the function switch; change the battery when needed.
Gamma Radiation Survey Instrument	**Hazard Monitored:** Gamma Radiation. **Application:** Environmental radiation monitor. **Detection Method:** Scintillation detector. **General Care/Maintenance:** Must be calibrated annually at a specialized facility. **Typical Operating Time:** Can be used for as long as the battery lasts, or for the recommended interval between calibrations, whichever is less.

TABLE 4
INSTRUMENTATION ACTION LEVELS

Photoionization Detector Action Levels	**Action Required**
Background to 5 ppm[1]	No Respirator, no further action
>5ppm but </= 15 ppm at the parameter of the work area	Work temporarily halted and monitoring continues If instantaneous readings decrease below 5 ppm above background, work activities will resume with continued monitoring
>5ppm but </= 25 ppm at the downwind parameter of the hot zone	Work activities will be halted Source of vapors identified Corrective actions taken to abate emissions Continued monitoring Workers will don appropriate respirators and work can resume if vapor levels 200 feet downwind or the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, Work can continue when vapor levels be whichever is less – but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average
>25ppm at the perimeter of the hot zone	Activities will shut down

Particulate Monitoring Action Levels	**Action Required**
Background to 100 micrograms per cubic meter ($\mu g/m^3$)[2] , no dust observed	No further action
Background to 100 $\mu g/m^3$, dust observed leaving the work area	Dust suppression must be employed
100 to 150 $\mu g/m^3$ at the downwind perimeter of the hot zone	Work activities will be halted Source of dust identified Dust suppression activities initiated Corrective actions taken to abate emissions Continued monitoring Workers will don appropriate respirators Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM10 concentration to within 150 $\mu g/m^3$ of the upwind level and in preventing visible dust migration.
>150 $\mu g/m^3$ at the perimeter of the hot zone	Activities will shut down

[1] VOC concentrations are 15-minute averages above site background (upwind parameter)
[2] Particulate concentrations are 15 minute averages above site background (upwind parameter)

TABLE 5
EMERGENCY NOTIFICATION LIST

ORGANIZATION	CONTACT	TELEPHONE
Local Police Department		911
Local Fire Department		911
Ambulance/Rescue Squad		911
Hospital	New York-Presbyterian Brooklyn Methodist Hospital	911 or 718-780-3000
Langan Incident Hotline		800-952-6426 ex 4699
Medical Treatment Hotline	Incident Intervention	888-449-7787
Langan Environmental Project Manager	Vinicius De Paula	914-803-7130 (cell)
Langan Health and Safety Manager (HSM)	Tony Moffa	914-803-7130 (cell)
Langan Health & Safety Officer (HSO)	William Bohrer	410-984-3068 (cell)
Langan Field Team Leader (FTL)	To Be Determined	
Client's Representative	Jesse Wark	646-738-8993
National Response Center (NRC)		800-424-8802
Chemical Transportation Emergency Center (Chemtrec)		800-424-9300
Center for Disease Control (CDC)		404-639-3534
EPA (RCRA Superfund Hotline)		800-424-9346
TSCA Hotline		202-554-1404
Poison Control Center		800-222-1222

Immediately following an injury, unless immediate emergency medical treatment is required, the injured employee must contact Incident Intervention® at 888-449-7787.

For all other incidents or near misses, unless emergency response is required, either the employee or a coworker must contact the Langan Incident Hotline at 1-(800)-9-LANGAN (ext. #4699).

TABLE 6
SUGGESTED FREQUENCY OF PHYSIOLOGICAL MONITORING FOR FIT AND ACCLIMATED WORKERS[A]

Adjusted Temperature[b]	Normal Work Ensemble[c]	Impermeable Ensemble
90°F or above (32.2°C) or above	After each 45 min. of work	After each 15 min. of work
87.5°F (30.8°-32.2°C)	After each 60 min. of work	After each 30 min. of work
82.5°-87.5°F (28.1°-30.8°C)	After each 90 min. of work	After each 60 min. of work
77.5°-82.5°F (25.3°-28.1°C)	After each 120 min. of work	After each 90 min. of work
72.5°-77.5°F (22.5°-25.3°C)	After each 150 min. of work	After each 120 min. of work

a For work levels of 250 kilocalories/hour.

b Calculate the adjusted air temperature (ta adj) by using this equation: ta adj ^{o}F = ta ^{o}F + (13 x % sunshine). Measure air temperature (ta) with a standard mercury-in-glass thermometer, with the bulb shielded from radiant heat. Estimate percent sunshine by judging what percent time the sun is not covered by clouds that are thick enough to produce a shadow. (100 percent sunshine = no cloud cover and a sharp, distinct shadow; 0 percent sunshine = no shadows.)

c A normal work ensemble consists of cotton coveralls or other cotton clothing with long sleeves and pants.

TABLE 7

HEAT INDEX

	ENVIRONMENTAL TEMPERATURE (Fahrenheit)										
	70	**75**	**80**	**85**	**90**	**95**	**100**	**105**	**110**	**115**	**120**
RELATIVE HUMIDITY	**APPARENT TEMPERATURE***										
0%	64	69	73	78	83	87	91	95	99	103	107
10%	65	70	75	80	85	90	95	100	105	111	116
20%	66	72	77	82	87	93	99	105	112	120	**130**
30%	67	73	78	84	90	96	104	113	123	**135**	**148**
40%	68	74	79	86	93	101	110	123	**137**	**151**	
50%	69	75	81	88	96	107	120	**135**	**150**		
60%	70	76	82	90	100	114	**132**	**149**			
70%	70	77	85	93	106	124	**144**				
80%	71	78	86	97	113	**136**					
90%	71	79	88	102	122						
100%	72	80	91	108							

*Combined Index of Heat and Humidity...what it "feels like" to the body
Source: National Oceanic and Atmospheric Administration

How to use Heat Index:
1. Across top locate Environmental Temperature
2. Down left side locate Relative Humidity
3. Follow across and down to find Apparent Temperature
4. Determine Heat Stress Risk on chart at right

Note: Exposure to full sunshine can increase Heat Index values by up to 15 degrees F.

Apparent Temperature	**Heat Stress Risk with Physical Activity and/or Prolonged Exposure**
90-105	Heat Cramps or Heat Exhaustion Possible
105-130	Heat Cramps or Heat Exhaustion Likely, Heat Stroke Possible
>130	Heatstroke Highly Likely

FIGURES

FIGURE 1

Site Location Map



LANGAN 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001-2727 T: 212.479.5400 F: 212.479.5444 www.langan.com Langan Engineering & Environmental Services, Inc. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. Langan International Collectively known as Langan	Project 514 Union Street BROOKLYN KINGS COUNTY NEW YORK	Drawing Title SITE LOCATION	Project No. 170361303 Date 11/16/2021 Scale 1:1,000 Drawn By Site Analyzer Submission Date 11/16/2021	Figure 1 Sheet 1 of 1

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Spatial Reference: NAD 1983 StatePlane New York Long Island FIPS 3104 Feet

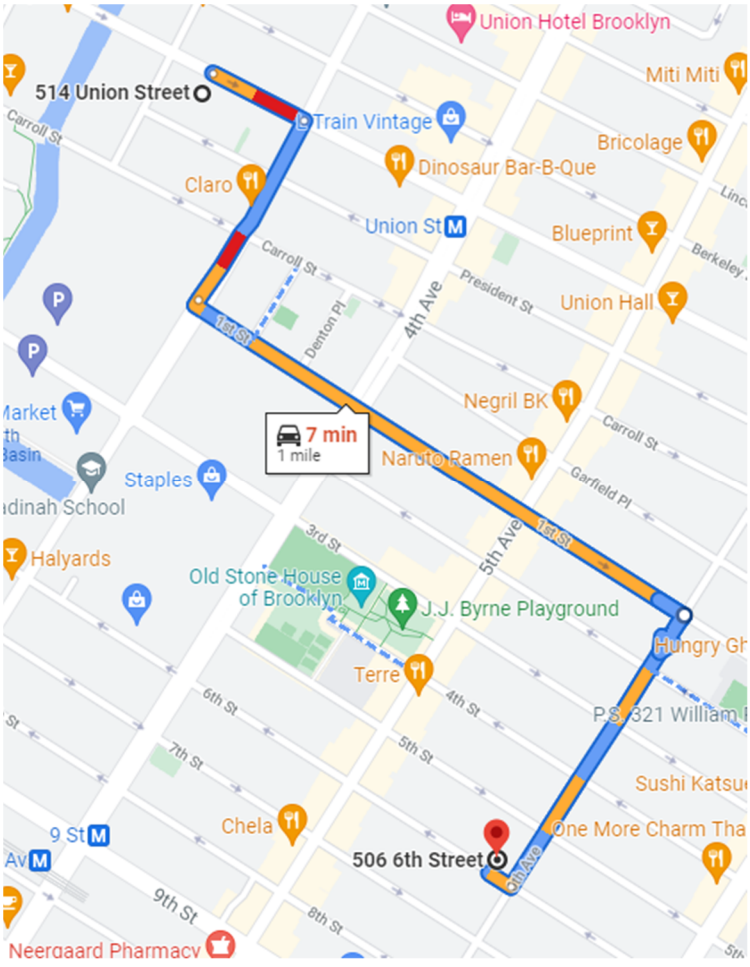
FIGURE 2
HOSPITAL ROUTE PLAN

Hospital Location: **New York-Presbyterian Brooklyn Methodist Hospital**
506 6th Street
Brooklyn, New York
718-780-3000

START: 514 Union Street, Brooklyn, New York

1. Head southeast on Union Street toward 3rd Ave
2. Turn right at the 1st cross street onto 3rd Ave
3. Turn left onto 1st St
4. Turn right onto 6th Ave
5. Turn right onto 6th St, destination will be on the right.

END: New York-Presbyterian Brooklyn Methodist Hospital, 506 6th Street, Brooklyn, NY



ATTACHMENT A

STANDING ORDERS

STANDING ORDERS

GENERAL

- No smoking, eating, or drinking in this work zone.
- Upon leaving the work zone, personnel will thoroughly wash their hands and face.
- Minimize contact with contaminated materials through proper planning of work areas and decontamination areas, and by following proper procedures. Do not place equipment on the ground. Do not sit on contaminated materials.
- No open flames in the work zone.
- Only properly trained and equipped personnel are permitted to work in potentially contaminated areas.
- Always use the appropriate level of PPE.
- Maintain close contact with your buddy in the work zone
- Contaminated material will be contained in the Exclusion Zone (EZ).
- Report any unusual conditions.
- Work areas will be kept clear and uncluttered. Debris and other slip, trip, and fall hazards will be removed as frequently as possible.
- The number of personnel and equipment in the work zone will be kept to an essential minimum.
- Be alert to the symptoms of fatigue and heat/cold stress, and their effects on the normal caution and judgment of personnel.
- Conflicting situations which may arise concerning safety requirements and working conditions must be addressed and resolved quickly by the site HSO.

TOOLS AND HEAVY EQUIPMENT

- Do not, under any circumstances, enter or ride in or on any backhoe bucket, materials hoist, or any other device not specifically designed to carrying passengers.
- Loose-fitting clothing or loose long hair is prohibited around moving machinery.
- Ensure that heavy equipment operators and all other personnel in the work zone are using the same hand signals to communicate.
- Drilling within 10 feet in any direction of overhead power lines is prohibited.
- The locations of all underground utilities must be identified and marked out prior to initiating any subsurface activities.
- Check to insure that the equipment operator has lowered all blades and buckets to the ground before shutting off the vehicle.
- If the equipment has an emergency stop device, have the operator show all personnel its location and how to activate it.
- Help the operator ensure adequate clearances when the equipment must negotiate in tight quarters; serve as a signalman to direct backing as necessary.
- Ensure that all heavy equipment that is used in the Exclusion Zone is kept in that zone until the job is done, and that such equipment is completely decontaminated before moving it into the clean area of the work zone.
- Samplers must not reach into or get near rotating equipment such as the drill rig. If personnel must work near any tools that could rotate, the equipment operator must completely shut down the rig prior to initiating such work. It may be necessary to use a remote sampling device.

ATTACHMENT B

DECONTAMINATION PROCEDURES

PERSONNEL DECONTAMINATION

LEVEL C DECONTAMINATION

Station 1:	Equipment Drop	1. Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the probability of cross contamination. During hot weather operations, cool down stations may be set up within this area.
Station 2:	Outer Garment, Boots, and Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and chemical-resistant splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.
Station 3:	Outer Boot and Glove Removal	3. Remove outer boots and gloves. Deposit in container with plastic liner.
Station 4:	Canister or Mask Change	4. If worker leaves Exclusion Zone to change canister (or mask), this is the last step in the decontamination procedure. Worker's canister is exchanged, new outer gloves and boot covers donned, joints taped, and worker returns to duty.
Station 5:	Boot, Gloves and Outer Garment Removal	5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.
Station 6:	Face piece Removal	6. Face piece is removed (avoid touching face with fingers). Face piece deposited on plastic sheets.
Station 7:	Field Wash	7. Hands and face are thoroughly washed. Shower as soon as possible.

LEVEL D DECONTAMINATION

Station 1:	Equipment Drop	1. Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the probability of cross contamination. During hot weather operations, cool down stations may be set up within this area.
Station 2:	Outer Garment, Boots, and Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and chemical-resistant splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.
Station 3:	Outer Boot and Glove Removal	3. Remove outer boots and gloves. Deposit in container with plastic liner.
Station 4:	Boot, Gloves and Outer Garment Removal	4. Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.
Station 5:	Field Wash	5. Hands and face are thoroughly washed. Shower as soon as possible.

EQUIPMENT DECONTAMINATION

GENERAL:

Equipment to be decontaminated during the project may include tools, monitoring equipment, respirators, sampling containers, laboratory equipment and drilling equipment.

All decontamination will be done by personnel in protective gear, appropriate for the level of decontamination, as determined by the site HSO. The decontamination work tasks will be split or rotated among support and work crews.

Depending on site conditions, backhoe and pumps may be decontaminated over a portable decontamination pad to contain wash water; or, wash water may be allowed to run off into a storm sewer system. Equipment needed may include a steam generator with high-pressure water, empty drums, screens, screen support structures, and shovels. Drums will be used to hold contaminated wash water pumped from the lined pit. These drums will be labeled as such.

Miscellaneous tools and equipment will be dropped into a plastic pail, tub, or other container. They will be brushed off and rinsed with a detergent solution, and finally rinsed with clean water.

MONITORING EQUIPMENT:

Monitoring equipment will be protected as much as possible from contamination by draping, masking, or otherwise covering as much of the instruments as possible with plastic without hindering the operation of the unit. The PID, HNu or OVA meter, for example, can be placed in a clear plastic bag, which allows reading of the scale and operation of knobs. The probes can be partially wrapped keeping the sensor tip and discharge port clear.

The contaminated equipment will be taken from the drop area and the protective coverings removed and disposed in the appropriate containers. Any dirt or obvious contamination will be brushed or wiped with a disposable paper wipe.

RESPIRATORS:

Respirators will be cleaned and disinfected after every use. Taken from the drop area, the masks (with the cartridges removed and disposed of with other used disposable gear) will be immersed in a cleaning solution and scrubbed gently with a soft brush, followed by a rinse in plain warm water, and then allowed to air dry. In the morning, new cartridges will be installed. Personnel will inspect their own masks for serviceability prior to donning them. And, once the mask is on, the wearer will check the respirator for leakage using the negative and positive pressure fit check techniques.

ATTACHMENT C

EMPLOYEE EXPOSURE/ INJURY INCIDENT REPORT

EMPLOYEE INCIDENT/INJURY REPORT
LANGAN ENGINEERING & ENVIRONMENTAL SERVICES

(Complete and return to Tony Moffa in the Doylestown Office)

Affected Employee Name: _____ Date: _____

Incident type: ☐ Injury ☐ Report Only/No Injury
☐ Near Miss ☐ Other: _____

EMPLOYEE INFORMATION (Person completing Form)

Employee Name: _____ Employee No: _____

Title: _____ Office Location: _____

Length of time employed or date of hire: _____

Mailing address: _____

_____

Sex: M ☐ F ☐ Birth date: _____

Business phone & extension: _____ Residence/cell phone: _____

ACCIDENT INFORMATION

Project: _____ Project #: _____

Date & time of incident: _____ Time work started & ended: _____

Site location: _____

Incident Type: Possible Exposure ☐ Exposure ☐ Physical Injury ☐

Names of person(s) who witnessed the incident:_____

Exact location incident occurred:

Describe work being done:_____

Describe what affected employee was doing prior to the incident occurring:

Describe in detail how the incident occurred:

Nature of the incident (List the parts of the body affected):

Person(s) to whom incident was reported (Time and Date):

List the names of other persons affected during this incident:

Possible causes of the incident (equipment, unsafe work practices, lack of PPE, etc.):

Weather conditions during incident:

MEDICAL CARE INFORMATION

Did affected employee receive medical care? Yes ☐ No ☐

If Yes, when and where was medical care received:

Provide name of facility (hospital, clinic, etc.):

Length of stay at the facility?

Did the employee miss any work time? Yes ☐ No ☐ Undetermined ☐

Date employee last worked: Date employee returned to work:

Has the employee returned to work? Yes ☐ No ☐

Does the employee have any work limitations or restrictions from the injury? : Yes ☐ No ☐

If Yes, please describe:

Did the exposure/injury result in permanent disability? Yes ☐ No ☐ Unknown ☐

If Yes, please describe:

HEALTH & SAFETY INFORMATION

Was the operation being conducted under an established site specific HEALTH AND SAFETY PLAN?
Yes ☐ No ☐ Not Applicable: ☐

Describe protective equipment and clothing used by the employee:

_____

_____

_____

Did any limitations in safety equipment or protective clothing contribute to or affect exposure / injury? If so, explain:

_____

_____

_____

_____

_____

Employee Signature Date

_____

_____

Langan Representative Date

ATTACHMENT D

CALIBRATION LOG

DATE:_____ **PROJECT:**_____

CALIBRATION LOG

Date & Time	Inst Type	Inst #	Media	Initial Reading	Span #	Calibrat. Reading	Performed By:

ATTACHMENT E

MATERIAL SAFETY DATA SHEETS

SAFETY DATA SHEETS

All Langan Field Personnel Completing This Work Plan Are To Have Real Time Accessibility To Material Safety Data Sheet (MSDs) or Safety Data Sheet (SDSs) Through Their Smart Phone.

The link is http://www.msds.com/
The login name is "drapehead"
The password is "2angan987"

If You Are Unable To Use the Smart Phone App, You Are To Bring Printed Copies of the MSDs/SDSs to the Site

ATTACHMENT F

JOBSITE SAFETY INSPECTION CHECKLIST

Jobsite Safety Inspection Checklist

Date: _____ **Inspected By:** _____

Location: _____ **Project #:** _____

Check one of the following: **A:** Acceptable **NA**: Not Applicable **D**: Deficiency

	A	NA	D	Remark
1. HASP available onsite for inspection?				
2. Health & Safety Compliance agreement (in HASP) appropriately signed by Langan employees and contractors?				
3. Hospital route map with directions posted on site?				
4. Emergency Notification List posted on site?				
5. First Aid kit available and properly stocked?				
6. Personnel trained in CPR/First Aid on site?				
7. MSDSs readily available, and all workers knowledgeable about the specific chemicals and compounds to which they may be exposed?				
8 Appropriate PPE being worn by Langan employees and contractors?				
9. Project site safe practices ("Standing Orders") posted?				
10. Project staff have 40-hr./8-hr./Supervisor HAZWOPER training?				
11. Project staff medically cleared to work in hazardous waste sites and fit-tested to wear respirators, if needed?				
12. Respiratory protection readily available?				
13. Health & Safety Incident Report forms available?				
14. Air monitoring instruments calibrated daily and results recorded on the Daily Instrument Calibration check sheet?				
15. Air monitoring readings recorded on the air monitoring data sheet/field log book?				
16. Subcontract workers have received 40-hr./8-hr./Spvsr. HAZWOPER training, as appropriate?				
17. Subcontract workers medically cleared to work on site, and fit-tested for respirator wear?				
18. Subcontract workers have respirators readily available?				
19. Mark outs of underground utilities done prior to initiating any subsurface activities?				
20. Decontamination procedures being followed as outlined in HASP?				
21. Are tools in good condition and properly used?				
22. Drilling performed in areas free from underground objects including utilities?				

23. Adequate size/type fire extinguisher supplied?				
24. Equipment at least 20 feet from overhead power lines?				
25. Evidence that drilling operator is responsible for the safety of his rig.				
26. Trench sides shored, layer back, or boxed?				
27. Underground utilities located and authorities contacted before digging?				
28. Ladders in trench (25-foot spacing)?				
29. Excavated material placed more than 2 feet away from excavation edge?				
30. Public protected from exposure to open excavation?				
31. People entering the excavation regarding it as a permit-required confined space and following appropriate procedures?				
32. Confined space entry permit is completed and posted?				
33. All persons knowledgeable about the conditions and characteristics of the confined space?				
34. All persons engaged in confined space operations have been trained in safe entry and rescue (non-entry)?				
35. Full body harnesses, lifelines, and hoisting apparatus available for rescue needs?				
36. Attendant and/or supervisor certified in basic first aid and CPR?				
37. Confined space atmosphere checked before entry and continuously while the work is going on?				
38. Results of confined space atmosphere testing recorded?				
39. Evidence of coordination with off-site rescue services to perform entry rescue, if needed?				
40. Are extension cords rated for this work being used and are they properly maintained?				
41. Are GFCIs provided and being used?				

Unsafe Acts: _____

_____

_____

_____

Notes: _____

_____

_____

_____

ATTACHMENT G

JOB SAFETY ANALYSIS FORM

LANGAN	Job Safety Analysis (JSA) Health and Safety
JSA Title: COVID-19 Awareness – Site Work **JSA Number: JSA046-00**	
A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.	

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Boots	☐ Long Sleeves	☐ Safety Vest (Class 2)	☐ Hard Hat	☐ Hearing Protection
☐ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☐ Nitrile Gloves	☐ PVC Gloves
☐ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Alcohol-based hand sanitizer, disinfectant wipes/spray				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
1. All Activities	1. Transmittal/exposure of COVID-19	1. Ask yourself and your managers – is this work essential? Can this be done remotely? 2. Stay home if sick or showing symptoms of COVID-19 (e.g. fever, cough, etc.). 3. Carry nitrile gloves, alcohol-based hand sanitizer, face coverings and disinfectant wipes/spray during field work. 4. Check federal, state, and/or local travel restrictions **prior** to travel. Many states, counties, and cities are passing strict "shelter-in-place" or business restrictions in response to COVID-19. 5. Immediately notify Beverly Williams or Rory Johnston (Supervisor if employee chooses) if you display symptoms of COVID-19. Symptoms include fever (over 100.4 F), cough, and shortness of breath. 6. Notify Beverly Williams or Rory Johnston, Supervisor and Coronavirus Task Force if you had close contact with an individual who tested positive or displayed symptoms of COVID-19. 7. Do not touch your face, to the extent possible. 8. Wear face coverings when around other worker to minimize spread of COVID-19. (May be required in certain states or locations.)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		9. Practice social distancing, maintaining at least 6 feet of distance between yourself and others. Avoid gatherings of more than 10 people. Limit, to the extent possible, contact with public items/objects. 10. Clean your hands frequently with soap and water for at least 20 seconds especially after you have been in a public place, or after blowing your nose, coughing, sneezing, or using the rest room. 11. If soap and water are not readily available, use a hand sanitizer that contains at least 60% alcohol. Cover all surfaces of your hands and rub them together until they feel dry. 12. Cover your mouth and nose with a tissue when you cough or sneeze or use the inside of your elbow. 13. Clean and disinfect frequently touched surfaces daily, for example, cell phones, computer equipment, headsets, tables, doorknobs, light switches, countertops, handles, desks, toilets, faucets, and sinks.
2. Travel to Jobsite	1. Transmittal/exposure of COVID-19 between passengers 2. Transmittal/exposure of COVID-19 from previous occupants (rental and fleet vehicles) 3. Transmittal/exposure of COVID-19 while refueling	1. Limit the number of occupants to each vehicle to 2 people. Employees should sit as far away from each other as possible. 2. Disinfect high “hand-traffic” areas of the vehicle: Door handles, steering wheel, turn signal and control rods, dashboard controls, seatbelts, armrests, etc. To the extent possible, do not use recycled air for heat/AC and travel with the windows open. 3. Use hand sanitizer before and after pumping gas and only return to the inside of the vehicle after refueling is complete. 4. Wear nitrile gloves if available or disinfect the key pad, pump handle, and fuel grade button prior to use. 5. Recommend face coverings are worn to minimize spread of COVID-19.
3. Conduct Tailgate Safety Meeting & Complete H&S Paperwork	1. Transmittal/exposure of COVID-19 between meeting participants	1. Practice social distancing, maintaining at least 6 feet of distance between yourself and others. 2. Recommend face coverings are worn when around other workers to minimize spread of COVID-19, 3. Hold meetings outside and keep in mind wind direction. To the extent possible, remain cross-wind from other people. 4. Designate a single person to maintain sign-in sheets/permits throughout the day to limit the passing of pens/clipboards between people. 5. Each person should complete their own JSA, even if they are completing similar tasks as others in order to limit the passing of paper/pens/clipboards between people. 6. Include COVID-19 topics and prevention measures in safety meetings.
4. Conduct Site Work	1. Transmittal/exposure of COVID-19 between site workers and public.	1. Practice social distancing maintaining 6 feet of distance between yourself and others. 2. Recommend face coverings are worn when around other workers to minimize spread of COVID-19, 3. To the extent possible, do not interact with the public. If it is necessary, politely explain you are practicing social distance and request they stay at least 6 feet away and they do not attempt to pass objects to you. 4. Wear nitrile gloves during site work underneath the appropriate gloves for your task. Utilize appropriate decontamination procedures, securely bag all waste (including nitrile gloves) generated during site work and dispose of.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		5. Do not share tools. Each person should be equipped with the tools to complete their task or tasks should be divided to remove the need to share tools. If tools must be shared, surfaces should be disinfected. 6. Clean and disinfect surfaces of rental tools and equipment upon receipt. To the extent possible rent equipment from Langan's internal equipment reservation center, where cleaning/disinfecting procedures can be verified.
5. Use of Construction Trailers	1. Transmittal/exposure of COVID-19 between site workers and others.	1. Avoid use of shared trailers, if possible. Minimize trailer use to essential personnel. 2. Practice social distancing; maintaining 6 feet of distance between yourself and others in trailer. 3. Clean and disinfect areas including desks, phones, chairs and other common areas, before and after use.
6. Purchasing Food from a Restaurant	1. Transmittal/exposure of COVID-19 from other customers, staff, surfaces.	1. To the extent possible, bring your own food. 2. If you must visit a restaurant, call ahead for take-out or "contactless delivery". Do not dine in. When picking up food, follow guidelines for Job Step #8: Purchasing Supplies at Retail/Shipping Centers. 3. Wash hands before and after eating.
7. Smoking Cigarettes	1. Transmittal/exposure of COVID-19 by touching mouth with hands	1. Cigarette smokers maybe at greater risk of complications arising from COVID-19. Nicotine patches/lozenges/gum, smoking cessation programs, and prescription medications may aid in "kicking the habit" if you decide to quit. 2. Wash hands thoroughly before and after smoking. 3. Discard cigarette butts properly. Do not light cigarettes from others and do not give cigarettes to others.
8. Hotel Stay	1. Transmittal/exposure of COVID-19 from previous occupants, hotel staff, common areas.	1. Verify the hotel chain/brand has modified cleaning procedures to reflect risk of COVID-19. Most hotel companies have issued statements on their websites and in email blasts reflecting these new procedures. 2. Use the front door, and not peripheral entrances. Front doors of hotels are generally automatic. 3. Request ground floor room to avoid elevator use and a room that has not be utilized in 48-72 hours. 4. If elevator use is required, do not directly touch elevator buttons with your hands. Do not ride elevators with other people, to the extent possible. 5. Bring disinfecting wipes or sanitizing spray. Upon arrival, disinfect high "hand-traffic" areas of the hotel room: Door handles, light switches, shower/sink faucet handles, TV remote, curtain/blind handles. Clean these surfaces daily. 6. Place the "Do Not Disturb" Sign on your door to prevent people (housekeeping) from entering your room. 7. Avoid common spaces and hotel sponsored events where crowds will be present. 8. Confirm hotel cleaning procedures have been modified to address COVID-19. Confirm no COVID-19 cases have occurred in hotel
9. Purchasing Supplies at Retail/Shipping Centers	1. Transmittal/exposure of COVID-19 from other customers, staff, surfaces.	1. Plan your travel to limit the need to visit retail/shipping centers. 2. Practice social distancing, maintaining at least 6 feet of distance between yourself and others. If the store is too crowded/small, consider visiting another store or returning at a different time. 3. Avoid high "hand-traffic" items/areas like door handles (i.e. use your shoulder, hip/butt, or open with a disposable napkin/paper towel), credit cards terminals (i.e. use Apple/Android pay if available), shopping carts/baskets (i.e. bring your own shopping

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		bags), counter tops (i.e. ask clerk if you can hold the items while they are scanned) and bulk/buffet items (i.e. just avoid them). 4. Disinfect your hands before and after visiting a retail/shipping center.

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Environmental Sampling
JSA Number: JSA021-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☐ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☐ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☒ Fire Resistant Clothing	☐ Rubber Boots
☒ Insect/Animal Repellent	☒ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek Sleeves				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
1. Drive to sample location	1. Rough/Off Road terrain	1. Pay attention to road conditions such as road erosion, unprotected embankments, and soft road conditions.
2. Sample Collection (Walking)	1. Slip/Trips/Falls 2. Back strains 3. Wildlife (Insects, Stray animals, rodents) 4. Poisonous vegetation	1. Minimize distance to sample area/ Plan route and check surface prior to carrying heavy equipment/ Locate safest access point/ Follow good housekeeping procedures/ Mark significant below grade hazards (holes, trenches) with spray paint or cones/ Wear foot protection with ankle support and gripping soles. 2. Use proper lifting techniques/ Use wheeled transport/ Obtain assistance where and when needed/ Consider load weight when evaluating what is safe and unsafe to carry. 3. Be aware of surroundings for the presence of wildlife. Do not approach stray animals. Carry and use animal repellant when needed/ Use bug spray when needed. 4. Keep skin covered/ Identify and avoid poisonous vegetation/ Clean areas after contact with suspected vegetation.
3. Sample Collection (Water)	1. Drowning Hazards 2. Chemical burns (when adding acid preservative to sample) 3. Back Strains 4. Ergonomic issues 5. Slip/Trips/Falls	1. Use buddy system/ Wear flotation vest if water is deeper than 2 feet or swift moving/ Select working area with stable footing. Do not attempt to cross or stand in swift moving water. 2. Wear proper PPE (Nitrile gloves, Tyvek Sleeves) 3. Use proper lifting techniques/ Use wheeled transport/ Obtain assistance where and when needed/ Consider load weight when evaluating what is safe or unsafe to carry. 4. When possible avoid bending over for long periods of time/ Use a small stool for sitting or knee pad for kneeling.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		5. Minimize distance to sample area/ Plan route and check surface prior to carrying heavy equipment/ Locate safest access point/ Follow good housekeeping procedures/ Mark significant below grade hazards (holes, trenches) with spray paint or cones/ Wear foot protection with ankle support and gripping soles/ Avoid standing water or slippery terrain.
4. All activities	1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 4. Back injuries 5. Traffic 6. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 7. High Noise levels 8. Overhead hazards 9. Heat Stress/ Cold Stress 10. Eye Injuries	1. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 3. Wear Langan approved safety shoes 4. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 5. Wear high visibility clothing & vest / Use cones or signs to designate work area 6. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 7. Wear hearing protection 8. Wear hard hat / Avoid areas were overhead hazards exist. 9. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 10. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: **Subsurface Investigation**
JSA Number: **JSA030-01**

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*

T – ***Think*** *about the task*

E – ***Evaluate*** *potential hazards*

P – ***Plan*** *safe approach*

S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☒ Safety Goggles	☐ Face Shield	☐ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☒ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Dielectric Overshoes, Sun Block				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
5. Transport equipment to work area	2. Back/strain 3. Slip/Trip/Falls 4. Traffic 5. Cuts/abrasions/contusions from equipment 6. Accidents due to vehicle operations	1. Use proper lifting techniques/Use wheeled transport 2. Minimize distance to work area/unobstructed path to work area/follow good housekeeping procedures 3. Wear proper PPE (high visibility vest or clothing) 4. Wear proper PPE (leather gloves, long sleeves, Langan approved safety shoes) 5. Observe posted speed limits/ Wear seat belts at all times
6. Traffic	1. Hit by moving vehicle	1. Use traffic cones and signage/ Use High visibility traffic vests and clothing/ Caution tape when working near active roadways.
7. Field Work (drilling, resistivity testing, and inspection)	1. Biological Hazards: insects, rats, snakes, poisonous plants, and other animals 2. Heat stress/injuries 3. Cold Stress/injuries 4. High Energy Transmission Lines 5. Underground Utilities 6. Electrical (soil resistivity testing)	1. Inspect work area to identify biological hazards. Wear light colored long sleeve shirt and long pants/ Use insect repellant as necessary/ Beware of tall grass, bushes, woods and other areas where ticks may live/ Avoid leaving garbage on site to prevent attracting animals/ Identify and avoid contact with poisonous plants/Beware of rats, snakes, or stray animals. 2. Wear proper clothing (light colored)/ drink plenty of water/ take regular breaks/use sun block 3. Wear proper clothing/ dress in layers/ take regular breaks. 4. Avoid direct contact with high energy transmission lines/ position equipment at least 15 feet or as required by PSE&G from the transmission lines/ wear proper PPE (dielectric overshoes 15 kV minimum rating).

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		5. Call one-call service before performing intrusive field work/ Review utility mark-outs and available utility drawings (with respect to proposed work locations)/ Follow Underground Utility Guidelines 6. See AGI Sting R1 operating manual for specific concerns during operating instrument
8. All activities	1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 4. Back injuries 5. Traffic 6. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 7. High Noise levels 8. Overhead hazards 9. Heat Stress/ Cold Stress 10. Eye Injuries	7. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 8. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 9. Wear Langan approved safety shoes 10. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 11. Wear high visibility clothing & vest / Use cones or signs to designate work area 12. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 13. Wear proper hearing protection 14. Wear hard hat / Avoid areas were overhead hazards exist. 15. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 16. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Field Sampling
JSA Number: JSA022-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☐ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☒ Traffic Cones/Signs	☐ Life Vest/Jacket	
☐ Other:				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
9. Unpack/Transport equipment to work area.	7. Back Strains 8. Slip/Trips/Falls 9. Cuts/Abrasions from equipment 10. Contusions from dropped equipment	6. Use proper lifting techniques/Use wheeled transport 7. Minimize distance to work area/Unobstructed path to work area/follow good housekeeping procedures. Mark slip/trip/fall hazards with orange safety cones. 8. Wear proper PPE (leather gloves, long sleeves). 9. Wear proper PPE (Langan approved safety shoes).
10. Initial Site Arrival-Site Assessment	5. Traffic	5. Situational awareness (be alert of your surroundings). Secure area from through traffic.
11. Surface Water Sampling	6. Contaminated media. Skin/eye contact with biological agents and/or chemicals.	6. Wear appropriate PPE (Safety glasses, appropriate gloves). Review (M)SDS for all chemicals being.
12. Sampling from bridges	1. Struck by vehicles	1. Wear appropriate PPE (Safety Vest). Use buddy system and orange safety cones.
13. Icing of Samples/ Transporting coolers/equipment from work area.	11. Back Strains 12. Slips/Trips/Falls 13. Cuts/Abrasions from equipment 14. Pinch/Crushing Hazards.	17. Drain coolers of water. Use proper lifting techniques. Use wheeled transport. 18. Have unobstructed path from work area. Aware of surroundings. 19. Wear proper PPE (Leather gloves, long sleeves) 20. Wear proper PPE (Leather gloves, long sleeves)
14. Site Departure	1. Contaminated PPE/Vehicle	1. Contaminated PPE should be disposed of on-site. Remove boots and soiled clothing for secure storage in trunk. Wash hands promptly.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
15. All activities	1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 4. Back injuries 15. Traffic 16. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 17. High Noise levels 18. Overhead hazards 19. Heat Stress/ Cold Stress 20. Eye Injuries	1. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 3. Wear Langan approved safety shoes 4. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 21. Wear high visibility clothing & vest / Use cones or signs to designate work area 22. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 23. Wear hearing protection 24. Wear hard hat / Avoid areas were overhead hazards exist. 25. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 26. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Equipment Transportation and Set-up
JSA Number: JSA012-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – *Stop,* what has changed?
T – *Think* about the task
E – *Evaluate* potential hazards
P – *Plan* safe approach
S - *Start* task / *Stop* & regroup

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☐ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☐ Other:				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
16. Transport equipment to work area	11. Back Strain 12. Slips/ Trips/ Falls 13. Traffic 14. Cuts/abrasions from equipment 15. Contusions from dropped equipment	1. Use proper lifting techniuqes / Use wheeled transport 2. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 3. Wear proper PPE (high visibility vest or clothing) 4. Wear proper PPE (leather gloves, long sleeves) 5. Wear proper PPE (safety shoes)
17. Moving equipment to its planned location	6. Pinch Hazard 7. Slips/ Trips/ Falls	1. Wear proper PPE (leather gloves) 2. Be aware of potential trip hazards / Practice good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint
18. Equipment Set-up	7. Pinch Hazard 8. Cuts/abrasions to knuckles/hands 9. Back Strain	1. Wear proper PPE (leather gloves) 2. Wear proper PPE (leather gloves) 3. Use proper lifting techniques / Use wheeled transport
19. All activities	21. Slips/ Trips/ Falls 22. Hand injuries, cuts or lacerations during manual handling of materials 23. Foot injuries 24. Back injuries 25. Traffic 26. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)	27. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 28. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 29. Wear Langan approved safety shoes

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
4. All activities (cont'd)	27. High Noise levels 28. Overhead hazards 29. Heat Stress/ Cold Stress 30. Eye Injuries	30. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 31. Wear high visibility clothing & vest / Use cones or signs to designate work area 32. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 33. Wear hearing protection 34. Wear hard hat / Avoid areas were overhead hazards exist. 35. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 36. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: 55-gallon Drum Sampling
JSA Number: JSA043-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – *Stop,* what has changed?
T – *Think* about the task
E – *Evaluate* potential hazards
P – *Plan* safe approach
S - *Start* task / *Stop* & regroup

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☐ Hearing Protection
☒ Safety Glasses	☒ Safety Goggles	☒ Face Shield	☒ Nitrile Gloves	☒ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: All Drums are required to be labeled. Langan employees do not open or move undocumented drums or unlabeled drums without proper project manager authorization.				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
20. Unpack/Transport equipment to work area.	16. Back Strains 17. Slip/Trips/Falls 18. Cuts/Abrasions from equipment 4. Contusions from dropped equipment	10. Use proper lifting techniques/Use wheeled transport 11. Minimize distance to work area/Unobstructed path to work area/follow good housekeeping procedures. Mark slip/trip/fall hazards with orange safety cones. 12. Wear proper PPE (leather gloves, long sleeves). 4. Wear proper PPE (Langan approved safety shoes).
21. Open Drums	1. Hand Injuries, cuts or lacerations when untightening drum locking bolt, removing drum lid strap, or removing lid. 2. Pressure from drums.	1. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves. Use non-metallic mallet and non-sparking tools/wrenches. 2. Open drum slowly to relieve pressure. Wear proper PPE: face shield and goggles; correct gloves; and over garments.
22. Collecting Soil/Fluid Sample	8. Irritation to eye from vapor, soil dust, or splashing 9. Irritation to exposed skin	6. Wear proper eye protection including safety glasses/ face shield/googles and when necessary, splash guard. If dust or vapor phase is present, wear appropriate safety breathing gear (1/2 mask or full face mask with correct filter) 7. Wear proper skin protection including nitrile gloves.
23. Closing Drums	1. Hand Injuries, cuts or lacerations when untightening drum locking bolt, removing drum lid strap, or removing lid.	7. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves. Use non-metallic mallet and non-sparking tools/wrenches.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
24.Moving Drums	2. Hand Injuries, cuts or lacerations when untightening drum locking bolt, removing drum lid strap, or removing lid. 3. Back Strains	2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves. Use non-metallic mallet and non-sparking tools/wrenches. 3. Use proper lifting techniques/Use wheeled transport
25. All activities	31. Slips/ Trips/ Falls 32. Hand injuries, cuts or lacerations during manual handling of materials 33. Foot injuries 34. Back injuries 35. Traffic 36. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 37. High Noise levels 38. Overhead hazards 39. Heat Stress/ Cold Stress 40. Eye Injuries	37. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 38. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 39. Wear Langan approved safety shoes 40. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 41. Wear high visibility clothing & vest / Use cones or signs to designate work area 42. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 43. Wear hearing protection 44. Wear hard hat / Avoid areas were overhead hazards exist. 45. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 46. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Direct-Push Soil Borings
JSA Number: JSA004-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT REQUIRED:				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☒ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Half-face respirator, dust cartridges, PID (if applicable)				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
26. Move equipment to work site	19. Back strain when lifting equipment 20. Slips/ Trips/ Falls while moving equipment 21. Traffic (if applicable) 22. Pinched fingers or running over toes during geoprobe set-up 23. Overturn drilling rig while transporting to loading dock on flat-bed tow truck	13. Use proper lifting technique (use legs for bending and lifting and not the back)/ Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle 14. Use proper lifting technique (use legs for bending and lifting and not the back) / Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle / Have unobstructed path to vehicle or collection point / Do not lift/walk with boxes that are heavy/difficult to lift 15. Wear high visibility safety vests or clothing / Exercise caution 16. Wear proper PPE (cut-resistant gloves) / Stay alert, be aware of geoprobe rig at all times 17. Drill rig should be parked in center of flat-bed tow truck / Emergency brake shall be used at all times during transport on the flat-bed truck/ All unnecessary personnel should stay away from the flat-bed truck during moving activities
27. Calibration of monitoring equipment	10. Skin or eye contact with calibration chemicals 11. Pinch fingers in monitoring equipment	8. Wear proper PPE (safety glasses/ goggles) 9. Wear proper PPE (leather gloves)
28. Set-up geoprobe rig	10. Geoprobe rig movement	8. All field personnel should stay clear of the geoprobe rig while moving / Use a spotter when backing up the geoprobe
29. Advance geoprobe rods below ground surface to desired depth	4. Underground utilities 5. High noise levels	4. Clean all subsurface soil borings to a minimum of 5 feet below grade 5. Wear proper PPE (hearing protection)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
30. Remove and open acetate liner 5. Remove and open acetate liner (cont'd)	41. Pinched fingers while removing macrocore 42. Cuts/lacerations when cutting acetate liner open 43. Exposure to hazardous vapors 44. Skin contact with contaminated soil	1. Wear proper PPE (nitrile gloves, cut-resistant or leather gloves 2. Wear proper PPE (cut-resistant or leather gloves) 3. Do not place face over acetate liner when opening / Monitor hazardous vapors in air with PID / Upgrade PPE as necessary based on levels contained in the Health and Safety Plan 4. Wear proper PPE (nitrile gloves)
31. Sample Collections a) Monitor parameters b) Prepare sample containers and labels	1. Contact with potentially contaminated soil 2. Lacerations from broken sample bottles 3. Back strain while transporting full coolers 4. Internal exposure to contaminants and metals through inhalation of dust 5. Slips/ Trips/ Falls	1. Use monitoring devices / Wear proper PPE (safety glasses, nitrile gloves) 2. Do not over-tighten bottle caps / Handle bottles safely to prevent breakage 6. Use proper lifting techniques / Do not lift heavy loads without assistance 7. Avoid creating dust / If necessary, wear a half mask respirator with applicable dust cartridge / Inspect respirator for damage and cleanliness prior to use / Clean respirator after each use and store in a clean, secure location 8. Be alert / Follow good housekeeping procedures
32. Remove excess soil from acetate liner and place in 55-gallon drum (IF NOT PERFORMED BY LANGAN, REMOVE!)	1. Cuts/lacerations from acetate liner 2. Pinched fingers/hand while opening/closing drum 3. Skin contact with contaminated soil 4. Soil debris in eyes	1. Wear proper PPE (cut-resistant or leather gloves) 2. Wear proper PPE (cut-resistant or leather gloves) 3. Wear proper PPE (nitrile gloves) 4. Wear proper PPE (safety glasses)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
8. Transport drums to central staging location (IF NOT PERFORMED BY LANGAN, REMOVE!)	1. Back, arm or shoulder strain from moving drums 2. Pinch fingers/hand in drum cart when moving drums 3. Pinch fingers/hand when operating lift-gate on vehicle 4. Contact with potentially contaminated groundwater when moving improperly sealed drums 5. Slips when moving drums 6. Drop drum on feet/toes	47. Use drum cart for moving drums / Use proper lifting techniques / Do not lift heavy loads without assistance 48. Wear proper PPE (cut-resistant or leather gloves) 49. Wear proper PPE (cut-resistant or leather gloves) 50. Wear proper PPE (nitrile gloves underneath work gloves) 51. Follow good housekeeping procedures / Ensure route to move drum and storage space is free from obstructions 52. Wear proper PPE (safety shoes) / Work in a safe manner to prevent dropped drum
9. All activities 9. All activities (cont'd)	1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 4. Back injuries 5. Traffic 6. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 7. High Noise levels 8. Overhead hazards 9. Heat Stress/ Cold Stress 10. Eye Injuries	1. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 3. Wear Langan approved safety shoes 4. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 5. Wear high visibility clothing & vest / Use cones or signs to designate work area 6. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 7. Wear hearing protection 8. Wear hard hat / Avoid areas were overhead hazards exist. 9. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 10. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date

Prepared by:		
Reviewed by:		

LANGAN	Job Safety Analysis (JSA) Health and Safety
JSA Title: Geophysical Investigation **JSA Number:** JSA023-01	 **S** – ***Stop,*** *what has changed?* **T** – ***Think*** *about the task* **E** – ***Evaluate*** *potential hazards* **P** – ***Plan*** *safe approach* **S** - ***Start*** *task /* ***Stop*** *& regroup*
A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.	

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☒ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☐ Other:				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
33. Transport equipment to work area	24. Back/strain 25. Slip/Trip/Falls 26. Traffic 27. Cuts/abrasions/contusions from equipment	18. Use proper lifting techniques/Use wheeled transport 19. Minimize distance to work area/unobstructed path to work area/follow good housekeeping procedures 20. Wear proper PPE (high visibility vest or clothing) 21. Wear proper PPE (leather gloves, long sleeves, Langan approved safety shoes)
34. Supervision of subcontractor and all other activities	12. Slip/Trips/Falls 13. Hand injuries 14. Foot injuries 15. Back injuries/Strains 16. Traffic 17. Wildlife a. Wildlife b. Mice/rats c. Vectors (i.e. mosquitoes, bees, etc.) 7. Heat/Cold Stress	10. Be aware of potential trip hazards/follow good housekeeping procedures/mark significant below-grade hazards (i.e. holes, trenches, wires, ropes) with safety cones or spray paint. 11. Wear proper PPE (leather gloves)/watch wear you place your hands/inspect material or equipment for jagged, rough or slippery surfaces/ watch for pinch points/ wipe off slippery, wet, or dirty items prior to handling. 12. Wear proper PPE (Langan approved safety shoes)/ Be aware of uneven terrain) 13. Use proper lifting techniques/ Buddy system when lifting/ use wheeled transport. 14. Wear proper PPE (high-visibility shirts and vests)/ use cones if appropriate/ notify equipment operators of work area. 15. Be aware of surroundings at all times for the presence of wildlife. a. Do not approach stray animals b. Carry animal repellant/ use if situation arises. c. Use bug spray when needed. 7. Wear proper attire for weather conditions (sunscreen, protective clothing in

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		sunlight or layer clothing in cold weather)/ drink plenty of fluids/ take regular breaks.
35. All activities	45. Slips/ Trips/ Falls 46. Hand injuries, cuts or lacerations during manual handling of materials 47. Foot injuries 48. Back injuries 49. Traffic 50. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 51. High Noise levels 52. Overhead hazards 53. Heat Stress/ Cold Stress 54. Eye Injuries	53. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 54. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 55. Wear Langan approved safety shoes 56. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 57. Wear high visibility clothing & vest / Use cones or signs to designate work area 58. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 59. Wear proper hearing protection 60. Wear hard hat / Avoid areas were overhead hazards exist. 61. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 62. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN	Job Safety Analysis (JSA) Health and Safety
JSA Title: Sub-slab soil gas temporary point installation and sampling **JSA Number:** JSA037-01	 **S** – ***Stop,*** *what has changed?* **T** – ***Think*** *about the task* **E** – ***Evaluate*** *potential hazards* **P** – ***Plan*** *safe approach* **S** - ***Start*** *task /* ***Stop*** *& regroup*
A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.	

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☐ Hearing Protection
☒ Safety Glasses	☒ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☒ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☒ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek Sleeves				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
36. Transport equipment to work site	28. Back injuries 29. Slips/Trips/Falls 30. Traffic 31. Hand injuries	22. Use proper lifting techniques/ Use wheeled transport/ Get assistance when need with moving equipment/ Minimize distance from vehicle 23. Minimize distance from vehicle/ Have unobstructed pathway to vehicle and collection points/ Mark tripping hazards with spray paint, cones, or caution tape/ Observe good housekeeping procedures. 24. Wear proper PPE (High Visibility vest and clothing)/ Exercise caution (stay alert-stay alive) 25. Wear proper PPE (leather gloves)/ Keep finger and hands clear of pinch points.
37.Mark area for drilling	18.Slips/Trips/Falls	16. Minimize distance from vehicle/ Have unobstructed pathway to vehicle and collection points/ Mark tripping hazards with spray paint, cones, or caution tape/ Observe good housekeeping procedures
38.Drill sampling points with hammer drill	11. Eye injuries 12. Dust exposure 13. Hand injuries 14. Catch items (clothing) 15. Electric shock 16. Chemical atmosphere hazard (vapor) 17. Slips/Trips/Falls	9. Wear proper PPE (safety glasses) 10. Wear proper PPE (dust mask) 11. Wear proper PPE (leather gloves)/ Keep hands and fingers out of pinch points/ Avoid drill catching on ground and twisting wrist or hand/ Release drill grip if drill becomes caught/ Ensure drill is unplugged prior to inserting bit. 12. Tie up or tuck-in all loose clothing/ Maintain distance from drill 13. Inspect power cable for cuts or nicks before use/ Use GFCI outlet on power cord/ Do not use in wet conditions 14. Monitor air, vapors with Photo-ionization detector (PID)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		15. Minimize distance from vehicle/ Have unobstructed pathway to vehicle and collection points/ Mark tripping hazards with spray paint, cones, or caution tape/ Observe good housekeeping procedures
39. Measure vapor content and depth to bottom of hole	1. Chemical atmosphere hazard (vapors)	1. Monitor air, vapors with Photo-ionization detector (PID)/ Keep face away from opening of hole while collecting measurements
40. Set-up of shroud and sampling canister system	1. Hand injuries 2. Chemical atmosphere hazard (vapors) 3. Slips/Trips/Falls	1. Wear proper PPE (leather gloves, nitrile gloves)/ Keep fingers away from pinch points when installing pump/ Do not use open blades, use tubing cutter 2. Monitor air, vapors with Photo-ionization detector (PID)/ Keep face away from opening of hole while collecting measurements 3. Minimize distance from vehicle/ Have unobstructed pathway to vehicle and collection points/ Mark tripping hazards with spray paint, cones, or caution tape/ Observe good housekeeping procedures
41. Purge soil gas	1. Chemical atmosphere hazard (vapors)	1. Monitor air, vapors with Photo-ionization detector (PID)/ Keep face away from exhaust port of pump
42. Sample collection (opening and closing valves)	1. Hand injuries	1. Wear proper PPE (leather gloves)/ Keep fingers away from pinch points
43. Sealing sampling holes	1. Back injuries 2. Concrete dust 3. Eye injuries	1. Use proper lifting techniques for lifting of cement bags 2. Wear proper PPE (dust mask) 3. Wear proper PPE (safety glasses)
44. All activities	55. Slips/ Trips/ Falls 56. Hand injuries, cuts or lacerations during manual handling of materials 57. Foot injuries 58. Back injuries 59. Traffic 60. Wildlife: Stray animals, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 61. High Noise levels 62. Overhead hazards 63. Heat or cold injuries 64. Eye Injuries	63. Be aware of potential trip hazards/ Follow good housekeeping procedures/ Mark significant hazards 64. Inspect for jagged/sharp edges, and rough or slippery surfaces/ Keep fingers away from pinch points/ Wipe off greasy, wet, slippery or dirty objects before handling/ Wear leather/ cut-resistant gloves Wear proper PPE (Langan approved safety shoes) 65. Use proper lifting techniques/ Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift/ Obtain assistance when possible 66. Wear high visibility clothing & vest/ Use cones or signs to designate work area 67. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray animals/ Carry and use animal repellant when needed/ Use bug spray when needed 68. Wear hearing protection 69. Wear hard hat/ Avoid areas were overhead hazards exist. 70. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather)/ Drink plenty of fluids to avoid dehydration/ Takes breaks as necessary to avoid heat/cold stress 71. Wear safety glasses

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Indoor Air Sampling
JSA Number: JSA007-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☒ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: PID, Respiratory Protection (if necessary)				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
45. Building walkthrough and background contaminant removal	32. Slips / Trips/ Falls 33. Exposure to substances/vapors during removal	6. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint 7. Monitor indoor air concentrations with a PID / Wear proper PPE (nitrile gloves) / Wear proper respiratory protection if necessary
46. Transport equipment to work area	1. Back Strain 2. Slips/ Trips/ Falls 3. Traffic 4. Cuts/abrasions from equipment 5. Contusions from dropped equipment	1. Use proper lifting techniques / Use wheeled transport 2. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 3. Wear proper PPE (high visibility vest or clothing) 4. Wear proper PPE (leather gloves, long sleeves) 5. Wear proper PPE (safety shoes)
47. Mark out areas for indoor air sampling	19. Slips/ Trips/ Falls	3. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint
48. Set-up canisters and begin indoor air sampling	18. Dropping crates or canisters 19. Pinch hazard	5. Exercise caution when moving crates and canisters / Use proper housekeeping of materials during sample events / Do not carry too many items at one time / Perform several trips, if necessary 6. Wear proper PPE (leather gloves)
49. Sample collection	1. Dropping crates or canisters 2. Pinched fingers from opening valves	1. Exercise caution when moving crates and canisters / Use proper housekeeping of materials during sample events / Do not carry too many items at one time / Perform several trips, if necessary 2. Wear proper PPE (leather gloves) / Keep fingers away from pinch points
50. Pack up equipment	1. Back strain	1. Use proper lifting techniques / Use wheeled transport

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
	2. Slips/ Trips/ Falls 3. Traffic	2. Be aware of potential trip hazards / Follow good housekeeping procedures / Minimize distance to vehicle 3. Wear proper PPE (safety vest)
51. All activities	65. Slips/ Trips/ Falls 66. Hand injuries, cuts or lacerations during manual handling of materials 67. Foot injuries 68. Back injuries 69. Traffic 70. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 71. High Noise levels 72. Overhead hazards 73. Heat Stress/ Cold Stress 74. Eye Injuries	72. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 73. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 74. Wear Langan approved safety shoes 75. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 76. Wear high visibility clothing & vest / Use cones or signs to designate work area 77. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 78. Wear hearing protection 79. Wear hard hat / Avoid areas were overhead hazards exist. 80. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 81. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Hammer Drill
JSA Number: JSA049

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☒ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☒ Traffic Cones/Signs	☐ Life Vest/Jacket	
☐ Other:				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
52. Transport equipment to work area	34. Back Strain 35. Slips/ Trips/ Falls 36. Traffic 37. Cuts/abrasions from equipment 38. Contusions from dropped equipment	8. Use proper lifting techniques / Use wheeled transport 9. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 10. Wear proper PPE (high visibility vest or clothing) 11. Wear proper PPE (leather gloves, long sleeves) 12. Wear proper PPE (safety shoes)
53. Electrical Connection	20. Inpsect electrical cord to drill 21. Inspect hammer drill 22. Inspect extension cord 23. Test GFCI	4. Check the plug, insure all connections are in place, check cord for frayed sections. If plug or cord are worn, do not use equipment until repaired 5. Inspect chuck for proper grasping and holding of bit, check that plastic housing is not cracked or missing pieces. Do not use if chuck doesn't work properly or housing is compromised. 6. Inspect extension cord, if worn or stripped pull from service and replace 7. Test GFCI, replace if GFCI fails
54. Drill Bit	1. Inspect drill bit	1. Replace if worn 2. Wear proper PPE (leather gloves) when installing and removing drill bit. 3. Ensure equipment is unplugged from electrical power when removing and installing drill bit.
55. Use of Hammer Drill	1. Hazards associated with using hammer drill, flying objects, heavy equipment, ground level hazards and dust 2. Slips/ Trips/ Falls 3. Hazards associated drilling into concrete slab	1. Maintain a safe distance from other site operations / Wear proper PPE (hard hat, safety glasses, safety shoes, safety vest, ear protection and leather gloves) 2. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark extension chord pathway with safety cones 3. Do not push hammer drill during use.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
56. All activities 4. All activities (cont'd)	75. Slips/ Trips/ Falls 76. Hand injuries, cuts or lacerations during manual handling of materials 77. Foot injuries 78. Back injuries 79. Traffic 80. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 81. High Noise levels 82. Overhead hazards 83. Heat Stress/ Cold Stress 84. Eye Injuries	82. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 83. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 84. Wear Langan approved safety shoes 85. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 86. Wear high visibility clothing & vest / Use cones or signs to designate work area 87. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 88. Wear hearing protection 89. Wear hard hat / Avoid areas were overhead hazards exist. 90. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 91. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Groundwater Sampling
JSA Number: JSA008-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☒ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek sleeves, Dermal Protection, PID				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
57. Transport equipment to work area	6. Back Strain 7. Slips/ Trips/ Falls 8. Traffic 9. Cuts/abrasions from equipment 10. Contusions from dropped equipment	6. Use proper lifting techniques / Use wheeled transport 7. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 8. Wear proper PPE (high visibility vest or clothing) 9. Wear proper PPE (leather gloves, long sleeves) 10. Wear proper PPE (safety shoes)
58. Remove well cover	24. Scrape knuckles/hand 25. Strain wrist/bruise palm 26. Pinch fingers or hand	8. Wear proper PPE (leather gloves) 9. Using a hammer, tap the end of the wrench to loosen grip of bolts 10. Wear proper PPE (leather gloves)
59. Remove well cap and lock	20. Well can pops from pressure 21. Exposure to hazardous substances through inhalation or dermal exposure 22. Scrape knuckles/hand 23. Strain write/bruise palm	7. Remove cap slowly to relieve pressure / Do not place face over well when opening / Wear proper PPE (safety glasses) 8. Use direct air monitoring/reading instrument (i.e. PID) / Be familiar with and follow actions prescribed in the HASP / Wear proper PPE (nitrile gloves) 9. Wear proper PPE (leather gloves) 10. Using hammer, tap the end of the wrench to loosen grip
60. Measure head-space vapor levels	3. Exposure to hazardous substances through inhalation	3. Do not place face over well when collecting measurement
61. Remove dedicated tubing (if necessary)	4. Exposure to hazardous substances through inhalation or dermal exposure 5. Tubing swings around after removal	4. Wear proper PPE (nitrile gloves, Tyvek sleeves) 5. Wear proper PPE (safety glasses)
62. Set-up plastic sheeting for work site around the well	1. Lacerations when cutting plastic sheeting	1. Use scissors to cut plastic sheeting / Cut motions should always be away from body and body parts

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
63. Measure depth to water	1. Exposure to hazardous substances through inhalation or dermal exposure 2. Pinch fingers or hand in water level instrument	1. Wear proper PPE (nitrile gloves) 2. Wear proper PPE (leather gloves)
64. Calibrate monitoring equipment	1. Skin or eye contact with calibration chemicals 2. Pinch fingers or hand in monitoring equipment	1. Wear proper PPE (safety glasses, nitrile gloves) 2. Wear proper PPE (leather gloves) / Avoid pinch points
65. Install sampling pump in well	1. Hand injuries during installation of pump 2. Lacerations when cutting tubing 3. Back strain during installation of pump 4. Physical hazards associated with manual lifting of heavy equipment 5. Back strain from starting generator 6. Burns from hot exhaust from generator 7. Electrical shock from improper use of generator and pump 8. Contaminated water spray from loose connections	1. Wear proper PPE (leather gloves, nitrile gloves) 2. Use safety tubing cutter 3. Use proper lifting techniques 4. Use proper lifting techniques / Use wheeled transport for heavy equipment 5. Use arm when starting generator / Do not over-strain if generator does not start 6. Do not touch generator near exhaust / Use proper handle to carry / Allow generator to cool down before moving 7. Properly plug in pump to generator / Do not allow the pump or generator to contact water / Check for breaks in the cord 8. Check all tubing connections to ensure they are tight and secure

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
10. Purge water	1. Contact with potentially contaminated groundwater 2. Back strain from lifting buckets of water 3. Tripping potential on sample discharge lines and pump electric line	1. Wear proper PPE (safety glasses, nitrile gloves) 2. Use proper lifting techniques / Use wheeled transport 3. Organize discharge of electric line to keep out of way as much as possible / Mark potential tripping hazards with caution tape or safety cones
11. Sample water collection	1. Contact with potentially contaminated groundwater through dermal exposure 2. Contact with and burns from acid used for sample preservation 3. Tripping potential on sample discharge lines and pump electric line 4. Lacerations from broken sample bottles 5. Back strain when transporting coolers full of collected samples 6. Slips/ Trips/ Falls	1. Wear proper PPE (safety glasses, nitrile gloves) 2. Wear proper PPE (safety glasses, nitrile gloves) / Ensure sample bottle lids are secure before use and after sample collection 3. Organize line to keep out of the way as much as possible / Mark potential tripping hazards with caution tape or safety cones 4. Do not over-tighten bottle caps / Handle bottles safely to prevent breakage / Wrap glass bottles in bubble wrap, if possible 5. Use proper lifting techniques / Use wheeled transport / Seek assistance if coolers weight exceeds 50lbs. / Minimize distance to vehicle 6. Have unobstructed path to vehicle or collection point / Follow good housekeeping procedures / Do not lift/walk with coolers that are too heavy/difficult to lift
12. Remove pump and pack up equipment	1. Back strain when removing pump or lifting heavy equipment	1. Use proper lifting technique / Use wheeled transport for heavy equipment
13. Replace well cap and lock	1. Scrape fingers/hand 2. Strain wrist/bruise palm	1. Wear proper PPE (leather gloves) 2. Using hammer, tap the end of the well cap to tighten grip
14. Replace well cover	1. Scrape knuckles/hand 2. Strain write/bruise palm 3. Pinch fingers or hand	1. Wear proper PPE (leather gloves) 2. Using hammer, tap the end of the wrench to tighten the grip of the bolts 3. Wear proper PPE (leather gloves)
15. Transport drums to disposal staging location	1. Back, arm or shoulder strain from moving drums 2. Pinch hazard 3. Contact with potentially contaminated groundwater when moving improperly sealed drums 4. Slips/ Trips/ Falls when moving drum 5. Drop drum on feet/toes	1. Use drum cart for moving drums / Use proper lifting techniques / Obtain assistance, if needed 2. Wear proper PPE (leather gloves) 3. Wear proper PPE (nitrile gloves under leather gloves) / Properly seal drum to prevent leak 4. Ensure route to move drum to storage space is dry and free from obstructions 5. Wear proper PPE (safety shoes)
16. Place used PPE in designated disposal drum	1. Pressure build-up inside drum 2. Pinch hazard	1. Remove cap from bung hole in drum to relieve pressure 2. Wear proper PPE (leather gloves)
17. Decontaminate equipment	1. Splashing water/soap from decontamination 2. Contact with potentially contaminated groundwater through dermal exposure 3. Electrical shock from broken electric cords	1. Wear proper PPE (safety glasses) 2. Wear proper PPE (safety glasses, dermal protection) 3. Properly plug in pump to generator / Do not allow the pump or generator to contact water / Check for breaks in the cord
18. All activities	85. Slips/ Trips/ Falls 86. Hand injuries, cuts or lacerations during manual handling of materials 87. Foot injuries 88. Back injuries 89. Traffic 90. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)	92. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 93. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 94. Wear Langan approved safety shoes

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
	91. High Noise levels 92. Overhead hazards 93. Heat Stress/ Cold Stress 94. Eye Injuries	95. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 96. Wear high visibility clothing & vest / Use cones or signs to designate work area 97. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 98. Wear hearing protection 99. Wear hard hat / Avoid areas were overhead hazards exist. 100. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 101. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: **Well Installation**
JSA Number: **JSA019-01**

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT REQUIRED:				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: PID, Tyvek sleeves				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
66. Move equipment to work site	39. Back strain when lifting equipment 40. Slips/ Trips/ Falls while moving equipment 41. Traffic (if applicable) 42. Pinched fingers or running over toes during geoprobe set-up 43. Overturn drilling rig while transporting to loading dock on flat-bed tow truck	26. Use proper lifting technique (use legs for bending and lifting and not the back)/ Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle 27. Use proper lifting technique (use legs for bending and lifting and not the back) / Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle / Have unobstructed path to vehicle or collection point / Do not lift/walk with boxes that are heavy/difficult to lift 28. Wear high visibility safety vests or clothing / Exercise caution 29. Wear proper PPE (cut-resistant gloves) / Stay alert, be aware of geoprobe rig at all times 30. Drill rig should be parked in center of flat-bed tow truck / Emergency brake shall be used at all times during transport on the flat-bed truck/ All unnecessary personnel should stay away from the flat-bed truck during moving activities
67. Calibration of monitoring equipment	27. Skin or eye contact with calibration chemicals 28. Pinch fingers in monitoring equipment	17. Wear proper PPE (safety glasses/ goggles) 18. Wear proper PPE (leather gloves)
19. Set-up geoprobe rig	24. Geoprobe rig movement	16. All field personnel should stay clear of the geoprobe rig while moving / Use a spotter when backing up the geoprobe
20. Advance geoprobe rods below ground surface to desired depth	6. Underground utilities 7. High noise levels	9. Clean all subsurface soil borings to a minimum of 5 feet below grade 10. Wear proper PPE (hearing protection)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
21. Remove and open acetate liner 5. Remove and open acetate liner (cont'd)	95. Pinched fingers while removing macrocore 96. Cuts/lacerations when cutting acetate liner open 97. Exposure to hazardous vapors 98. Skin contact with contaminated soil	5. Wear proper PPE (nitrile gloves, cut-resistant or leather gloves 6. Wear proper PPE (cut-resistant or leather gloves) 7. Do not place face over acetate liner when opening / Monitor hazardous vapors in air with PID / Upgrade PPE as necessary based on levels contained in the Health and Safety Plan 8. Wear proper PPE (nitrile gloves)
6. Remove excess soil from acetate liner and place in 55-gallon drum (IF NOT PERFORMED BY LANGAN, REMOVE!)	5. Cuts/lacerations from acetate liner 6. Pinched fingers/hand while opening/closing drum 7. Skin contact with contaminated soil 8. Soil debris in eyes	5. Wear proper PPE (cut-resistant or leather gloves) 6. Wear proper PPE (cut-resistant or leather gloves) 7. Wear proper PPE (nitrile gloves) 8. Wear proper PPE (safety glasses)
7. Attach hollow-stem augers to the geoprobe rig; Advance augers and attach additional augers until desired depth is reached	1. Strain wrist/bruise palm 2. Pinched fingers 3. Back Strain 4. Clothing entanglement 5. Carbon monoxide poisoning 6. Bruise toes/foot 7. High noise levels 8. Skin contact with contaminated soil	1. Wear proper PPE (cut-resistant or leather gloves) 2. Wear proper PPE (cut-resistant or leather gloves) 3. Use proper lifting techniques 4. Wear proper work attire(no loose clothing/strings) 5. Properly ventilate work area 6. Wear proper PPE (safety shoes) 7. Wear proper PPE (hearing protection) 8. Wear proper PPE (Tyvek sleeves, nitrile gloves)
8. Install monitoring well	1. Pinched fingers 2. Lacerations/abrasions 3. Back Strain	1. Wear proper PPE (cut-resistant or leather gloves) 2. Wear proper PPE (cut-resistant or leather gloves) 3. Use proper lifting techniques
9. Tremie-grout annulus space above bentonite seal	1. Back strain 2. Pinched fingers	1. Use proper lifting techniques 2. Wear proper PPE (cut-resistant or leather gloves)
10. Install flush-mount monitoring well pad	1. Splashed concrete 2. Pinched fingers 3. Cuts/lacerations	1. Wear proper PPE (safety glasses) 2. Wear proper PPE (cut-resistant or leather gloves) 3. Wear proper PPE (cut-resistant or leather gloves)
11. Decontaminate equipment	1. Splashing water/soap 2. Contact with potentially contaminated groundwater/soil through dermal exposure 3. Electrical shock from broken electric cords	1. Wear proper PPE (safety glasses) 2. Wear proper PPE (safety glasses, dermal protection) 3. Properly plug in pump to generator / Do not allow the pump or generator to contact water / Check for breaks in the cord
12. Transport drums to central staging location (IF NOT PERFORMED BY LANGAN, REMOVE!)	7. Back, arm or shoulder strain from moving drums 8. Pinch fingers/hand in drum cart when moving drums 9. Pinch fingers/hand when operating lift-gate on vehicle 10. Contact with potentially contaminated groundwater when moving improperly sealed drums 11. Slips when moving drums 12. Drop drum on feet/toes	102. Use drum cart for moving drums / Use proper lifting techniques / Do not lift heavy loads without assistance 103. Wear proper PPE (cut-resistant or leather gloves) 104. Wear proper PPE (cut-resistant or leather gloves) 105. Wear proper PPE (nitrile gloves underneath work gloves) 106. Follow good housekeeping procedures / Ensure route to move drum and storage space is free from obstructions 107. Wear proper PPE (safety shoes) / Work in a safe manner to prevent dropped drum

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
13. All activities 13. All activities (cont'd)	11. Slips/ Trips/ Falls 12. Hand injuries, cuts or lacerations during manual handling of materials 13. Foot injuries 14. Back injuries 15. Traffic 16. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 17. High Noise levels 18. Overhead hazards 19. Heat Stress/ Cold Stress 20. Eye Injuries	11. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 12. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 13. Wear Langan approved safety shoes 14. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 15. Wear high visibility clothing & vest / Use cones or signs to designate work area 16. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 17. Wear hearing protection 18. Wear hard hat / Avoid areas were overhead hazards exist. 19. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 20. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Monitoring Well Development
JSA Number: JSA026-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – *Stop,* what has changed?
T – *Think* about the task
E – *Evaluate* potential hazards
P – *Plan* safe approach
S - *Start* task / *Stop* & regroup

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☐ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☒ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☒ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek Sleeves				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
68. Transport equipment to work area	44. Back Strains 45. Slips/Trips/Falls 46. Traffic 47. Cuts/Abrasions/Contusions from equipment	31. Use proper lifting techniques/ Use wheeled transport/ use buddy system when lifting equipment. 32. Minimize distance from work area/ unobstructed path to collection points and vehicle/ Follow good housekeeping procedures. 33. Wear high-visibility vest or clothing/Exercise caution/ Use traffic cones or signage if needed. 34. Wear proper PPE (leather gloves, long sleeves, Langan approved safety shoes).
69. Measure depth of water	29. Exposure to hazardous substances 30. Pinched fingers	22. Wear proper PPE (Nitrile gloves, Safety glasses/Face shield). 23. Wear proper PPE (cut-resistant gloves).
70. Install Tremie pipe in the monitoring well and connect to water source.	25. Hand injuries during installation (pinched fingers/hands). 26. Back strain from holding Tremie pipe. 27. High pressure water spray.	17. Wear proper PPE (Nitrile gloves/cut-resistant gloves). 18. Use proper lifting techniques/ Use two personnel when lowering pump greater than 80 feet. 19. Ensure all hose connections are tight and secure/ Use proper PPE (face shield and safety glasses).
71. Install pump in to well a. Connect pump to sample tubing. b. Lower pump to desired depth in well. c. Connect sample tubing to flow cell d. Connect pump to power source	8. Hand injuries during pump installation and sample tubing cutting. 9. Back strain 10. Electric shock 11. Exhaust gases from generator 12. Burns from hot equipment	11. Wear proper PPE when installing pump and cutting sample tubing (Nitrile and cut-resistant gloves)/ Use tubing cutter. 12. Proper lifting techniques/ Two personnel when installing pump at depths greater than 80 feet/ Use buddy when lifting heavy loads (pump, generator)/Use wheeled transport. 13. Ensure equipment is (LO/TO: locked out/tagged out) prior to preforming any electrical connections/ Inspect wires for frays or cuts/Ensure generator is properly grounded prior to starting.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
(generator) e. Turn on power source (generator)		14. Position generator so that exhaust is flowing away from work area. 15. Do not touch exhaust or any hot part of generator/ Allow equipment time to cool down prior to carrying/ Use proper PPE (long sleeves, leather gloves)
72. Develop monitoring well a. Jet water into well using Tremie pipe b. Turn pump on and adjust to desired flow rate. c. Surge pump up and down well to remove sediment from screen d. Containerize all purge water from well.	99. Hand injuries 100. Face injuries 101. Contaminated spray from water	108. Wear proper PPE (cut-resistant gloves and nitrile gloves). 109. Wear proper PPE (face shield and safety glasses)/do not stand over well opening. 110. Wear proper PPE (Face shield and safety goggles)/Tyvek over garments/ Ensure all connections are secure and tight/ Tubing outlet is contained in an overflow container.
73. Drum staging area.	1. Back, Arm, and shoulder strain. 2. Pinch points 3. Cross contamination 4. Slip/Trips/Falls	1. Use proper lifting techniques/ Use drum carts when moving drums/ use buddy system for moving of drums if needed/Move drums shortest distance needed. 2. Keep fingers and feet away from pinch points/ Use proper PPE (cut-resistant gloves, Langan approved safety shoes) 3. Use proper PPE (Nitrile gloves, Tyvek sleeves) 4. Ensure pathway is clear prior to moving equipment/ Mark all hazards/ Use additional person as a spotter if needed.
74. Equipment pack-up	1. Back Strains 2. Slips/Trips/Falls 3. Traffic 4. Cuts/Abrasions/Contusions from equipment.	1. Use proper lifting techniques/ Use wheeled transport/ use buddy system when lifting equipment. 2. Minimize distance from work area/ Unobstructed path to collection points and vehicle/ Follow good housekeeping procedures. 3. Wear high-visibility vest or clothing/Exercise caution/ Use traffic cones or signage if needed. 111. Wear proper PPE (leather gloves, long sleeves, Langan approved safety shoes).
75. All activities	1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 102. Back injuries 103. Traffic 104. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 105. High Noise levels 106. Overhead hazards 107. Heat Stress/ Cold Stress 108. Eye Injuries	1. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 3. Wear Langan approved safety shoes 4. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 5. Wear high visibility clothing & vest / Use cones or signs to designate work area 6. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 7. Wear hearing protection 8. Wear hard hat / Avoid areas were overhead hazards exist. 9. Wear proper attire for weather conditions (sunscreen or protective clothing

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 10. Wear safety glasses.
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Groundwater/Product Purging/Sampling with Bailer
JSA Number: JSA053

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☒ Safety Goggles	☒ Face Shield	☒ Nitrile Gloves	☒ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☒ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☒ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek sleeves, Dermal Protection, PID, absorbent pads				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
76. Transport equipment to work area	11. Back Strain 12. Slips/ Trips/ Falls 13. Traffic 14. Cuts/abrasions from equipment 15. Contusions from dropped equipment	11. Use proper lifting techniques / Use wheeled transport 12. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 13. Wear proper PPE (high visibility vest or clothing) 14. Wear proper PPE (leather gloves, long sleeves) 15. Wear proper PPE (safety shoes)
77. Remove well cover	31. Scrape knuckles/hand 32. Strain wrist/bruise plan 33. Pinch fingers or hand	11. Wear proper PPE (leather gloves) 12. Using a hammer, tap the end of the wrench to loosen grip of bolts 13. Wear proper PPE (leather gloves)
78. Remove well cap and lock	28. Well can pops from pressure 29. Exposure to hazardous substances through inhalation or dermal exposure 30. Scrape knuckles/hand 31. Pinch points 32. Strain write/bruise palm	11. Remove cap slowly to relieve pressure / Do not place face over well when opening / Wear proper PPE (safety glasses, face shield, hand protection) 12. Use direct air monitoring/reading instrument (i.e. PID) / Be familiar with and follow actions prescribed in the HASP / Wear proper PPE (nitrile gloves) 13. Wear proper PPE (leather gloves) 14. Using hammer, tap the end of the wrench to loosen grip
79. Measure head-space vapor levels	4. Exposure to hazardous substances through inhalation	4. Do not place face over well when collecting measurement
80. Set-up plastic sheeting/absorbent pads	2. Lacerations when cutting plastic sheeting/absorbent pads	2. Use scissors to cut plastic sheeting/absorbent pads / Cut motions should always be away from body and body parts

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
for work site around the well		
81. Lower Bailer sleeve into well	7. Repetitive motion injury (pulled arm/back muscles) 8. Dehydration	7. Take breaks while lowering bailer into well/ Use a mechanical device to lower bailer into well/ Rotate employees (take turns conducting the manual labor portion) 8. Take breaks and drink water.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
7. Purge/Sample water/product collection	1. Contact with potentially contaminated groundwater or product through dermal exposure 2. Contact with and burns from acid used for sample preservation 9. Tripping potential on sampling lanyard 10. Lacerations from broken sample bottles 11. Back strain when transporting coolers full of collected samples 12. Slips/ Trips/ Falls	1. Wear proper PPE (safety glasses, nitrile gloves, safety shield, Tyvek) 2. Ensure sample bottle lids are secure before use and after sample collection 3. Organize lanyard to keep out of the way as much as possible / Mark potential tripping hazards with caution tape or safety cones 9. Do not over-tighten bottle caps / Handle bottles safely to prevent breakage / Wrap glass bottles in bubble wrap, if possible 10. Use proper lifting techniques / Use wheeled transport / Seek assistance if coolers weight exceeds 50lbs. / Minimize distance to vehicle 11. Have unobstructed path to vehicle or collection point / Follow good housekeeping procedures / Do not lift/walk with coolers that are too heavy/difficult to lift
8. Retrieval of bailer	9. Repetitive motion injury (pulled arm/back muscles) 10. Dehydration	9. Take breaks while retrieving bailer out of the well/ Use a mechanical device to raise bailer out of well/ Rotate employees (take turns conducting the manual labor portion) 10. Take breaks and drink water.
9. Pack-up equipment	2. Back strain when removing or lifting heavy equipment	2. Use proper lifting technique / Use wheeled transport for heavy equipment
10. Replace well cap and lock	3. Scrape fingers/hand 4. Strain wrist/bruise palm	3. Wear proper PPE (leather gloves) 4. Using hammer, tap the end of the well cap to tighten grip
11. Replace well cover	4. Scrape knuckles/hand 5. Strain write/bruise palm 6. Pinch fingers or hand	4. Wear proper PPE (leather gloves) 5. Using hammer, tap the end of the wrench to tighten the grip of the bolts 6. Wear proper PPE (leather gloves)
12. Place used PPE in designated disposal drum	3. Pressure build-up inside drum 4. Pinch hazard	3. Remove cap from bung hole in drum to relieve pressure 4. Wear proper PPE (leather gloves) 5. Product drums may require additional spill protection/electrical grounding, check local regulations
13. Decontaminate equipment	4. Splashing water/soap from decontamination 5. Contact with potentially contaminated groundwater through dermal exposure	4. Wear proper PPE (safety glasses) 5. Wear proper PPE (safety glasses, dermal protection)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
14. All activities	109. Slips/ Trips/ Falls 110. Hand injuries, cuts or lacerations during manual handling of materials 111. Foot injuries 112. Back injuries 113. Traffic 114. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 115. High Noise levels 116. Overhead hazards 117. Heat Stress/ Cold Stress 118. Eye Injuries	112. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 113. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 114. Wear Langan approved safety shoes 115. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 116. Wear high visibility clothing & vest / Use cones or signs to designate work area 117. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 118. Wear hearing protection 119. Wear hard hat / Avoid areas were overhead hazards exist. 120. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 121. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Geotechnical Drilling
JSA Number: JSA014-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



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T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☒ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: NomeX (as needed)				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
82. Transport equipment to work area	48. Back Strain 49. Slips/ Trips/ Falls 50. Traffic 51. Cuts/abrasions from equipment 52. Contusions from dropped equipment	13. Use proper lifting techniques / Use wheeled transport 14. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 15. Wear proper PPE (high visibility vest or clothing) 16. Wear proper PPE (leather gloves, long sleeves) 17. Wear proper PPE (safety shoes)
83. Set-up HSA/SPT rig	34. Slips/ Trips/ Falls 35. Pinch Hazards 36. High noise levels 37. Clothing entanglement 38. Electrocution/falling equipment and debris from raising HSA/SPT rig mast 39. Carbon monoxide poisoning 40. HSA/SPT rig roll-over 41. HSA/SPT rig movement	14. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint 15. Wear proper PPE (leather gloves) 16. Wear proper PPE (hearing protection) 17. Wear proper attire for HSA/SPT rig (no loose clothing, strings, etc.) 18. Wear proper PPE (hard hats) / Be aware of locations at all times / Look up, down and around before raising mast / Check HSA/SPT drill rig mast for loose objects/debris before raising 19. Stand upwind of rig engine 20. Do not move rig with mast raised / Set stabilizers prior to raising mast / Inspect work area / If area appears unstable, the boring locations should be moved. 21. All field personnel should stay clear of rig while moving / Use a spotter when backing up the rig
84. Advance HSA/SPT rods, augers and casing below ground surface	33. Strain wrist/bruise palm 34. Pinched fingers 35. Back strain	15. Wear proper PPE (leather gloves) / Use proper technique for preparing rods / Use second person, if necessary 16. Wear proper PPE (leather gloves)

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
85. Advance HSA/SPT rods, augers and casing below ground surface (cont'd)	36. Clothing entanglement 37. Carbon monoxide poisoning 38. Bruised/Broken toes/feet 39. High noise levels	17. Use proper lifting techniques / Obtain assistance if needed 18. Wear proper attire for HSA/SPT rig (no loose clothing, strings, etc.) 19. Stand upwind of the rig 20. Wear proper PPE (safety shoes) 21. Wear proper PPE (hearing protection)
86. Remove and open split spoon	13. Pinched fingers 14. Cuts/lacerations 15. Skin contact with contaminated soil and groundwater	1. Wear proper PPE (nitrile and leather gloves) 2. Wear proper PPE (leather gloves) 3. Wear proper PPE (nitrile gloves, safety glasses)
87. Repeat steps 3 and 4 until desired depth is reached	1. See steps 3 and 4	1. See steps 3 and 4
88. Remove HSA/SPT rods, augers and casing and place in storage rack	1. Clothing entanglement 2. Back strain 3. Pinched fingers 4. Carbon monoxide poisoning 5. High noise levels	1. Wear proper attire for HSA/SPT rig (no loose clothing, strings, etc.) 2. Use proper lifting techniques / Obtain assistance if needed 3. Wear proper PPE (leather gloves) 4. Stand upwind of rig engine 5. Wear proper PPE (hearing protection)
89. Tremie-grout borehole with a cement-bentonite grout mixture	1. Splash cement/bentonite grout on face/eyes 2. Back strain 3. Pinched fingers	1. Wear proper PPE (safety glasses) 2. Use proper lifting techniques / Obtain assistance if needed 3. Wear proper PPE (nitrile gloves, leather gloves)
90. Decontaminate equipment	1. Contact with potentially impacted material 2. Contact with sharp pieces of equipment	1. Wear proper PPE (safety glasses, nitrile gloves) 2. Wear proper PPE (leather gloves)
91. Patch soil boring location to return to pre-existing conditions (i.e. concrete, asphalt, grass)	1. Cuts/lacerations 2. Splashed concrete on face/eyes 3. Hammer fingers/hands when patching asphalt	1. Wear proper PPE (leather gloves) / Use scissors for cutting 2. Use proper PPE (safety glasses) 3. Be aware of hands/fingers during hammering / Wear proper PPE (leather gloves)
92. All activities	119. Slips/ Trips/ Falls 120. Hand injuries, cuts or lacerations during manual handling of materials 121. Foot injuries 122. Back injuries 123. Traffic 124. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 125. High Noise levels 126. Overhead hazards 127. Heat Stress/ Cold Stress 128. Eye Injuries	122. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 123. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 124. Wear Langan approved safety shoes 125. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 126. Wear high visibility clothing & vest / Use cones or signs to designate work area 127. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 128. Wear hearing protection 129. Wear hard hat / Avoid areas were overhead hazards exist.

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
		130. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 131. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Test Pits
JSA Number: JSA016-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – ***Stop,*** *what has changed?*
T – ***Think*** *about the task*
E – ***Evaluate*** *potential hazards*
P – ***Plan*** *safe approach*
S - ***Start*** *task /* ***Stop*** *& regroup*

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☐ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☐ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☐ Other:				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
93. Transport equipment to work area	53. Back Strain 54. Slips/ Trips/ Falls 55. Traffic 56. Cuts/abrasions from equipment 57. Contusions from dropped equipment	18. Use proper lifting techniques / Use wheeled transport 19. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 20. Wear proper PPE (high visibility vest or clothing) 21. Wear proper PPE (leather gloves, long sleeves) 22. Wear proper PPE (safety shoes)
94. Digging Test Pit	42. Back Strain 43. Unstable walls of excavation	22. Observe proper digging technique. Ensure spoil pile and equipment are at least 2 feet from edge of excavation. 23. Excavate test pit in a stepped manor.
95. All activities	129. Slips/ Trips/ Falls 130. Hand injuries, cuts or lacerations during manual handling of materials 131. Foot injuries 132. Back injuries 133. Traffic 134. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.) 135. High Noise levels 136. Overhead hazards 137. Heat Stress/ Cold Stress 138. Eye Injuries	132. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 133. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 134. Wear Langan approved safety shoes 135. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 136. Wear high visibility clothing & vest / Use cones or signs to designate work area 137. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
3. All activities (cont'd)		138. Wear hearing protection 139. Wear hard hat / Avoid areas were overhead hazards exist. 140. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 141. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

LANGAN

Job Safety Analysis (JSA)
Health and Safety

JSA Title: Groundwater Sampling
JSA Number: JSA008-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions. Prior to the start of any work "TAKE 5" and conduct a Last Minute Risk Assessment.



S – *Stop,* what has changed?
T – *Think* about the task
E – *Evaluate* potential hazards
P – *Plan* safe approach
S - *Start* task / *Stop* & regroup

PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):				
☒ Safety Shoes	☒ Long Sleeves	☒ Safety Vest (Class 2)	☒ Hard Hat	☒ Hearing Protection
☒ Safety Glasses	☐ Safety Goggles	☐ Face Shield	☒ Nitrile Gloves	☐ PVC Gloves
☒ Leather Gloves	☐ Cut Resist. Gloves	☒ Fall Protection	☐ Fire Resistant Clothing	☐ Rubber Boots
☐ Insect/Animal Repellent	☐ Ivy Blocker/Cleaner	☐ Traffic Cones/Signs	☐ Life Vest/Jacket	
☒ Other: Tyvek sleeves, Dermal Protection, PID				

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
96. Transport equipment to work area	16. Back Strain 17. Slips/ Trips/ Falls 18. Traffic 19. Cuts/abrasions from equipment 20. Contusions from dropped equipment	16. Use proper lifting techniques / Use wheeled transport 17. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures 18. Wear proper PPE (high visibility vest or clothing) 19. Wear proper PPE (leather gloves, long sleeves) 20. Wear proper PPE (safety shoes)
97. Remove well cover	44. Scrape knuckles/hand 45. Strain wrist/bruise palm 46. Pinch fingers or hand	24. Wear proper PPE (leather gloves) 25. Using a hammer, tap the end of the wrench to loosen grip of bolts 26. Wear proper PPE (leather gloves)
98. Remove well cap and lock	40. Well can pops from pressure 41. Exposure to hazardous substances through inhalation or dermal exposure 42. Scrape knuckles/hand 43. Strain write/bruise palm	22. Remove cap slowly to relieve pressure / Do not place face over well when opening / Wear proper PPE (safety glasses) 23. Use direct air monitoring/reading instrument (i.e. PID) / Be familiar with and follow actions prescribed in the HASP / Wear proper PPE (nitrile gloves) 24. Wear proper PPE (leather gloves) 25. Using hammer, tap the end of the wrench to loosen grip
99. Measure head-space vapor levels	5. Exposure to hazardous substances through inhalation	5. Do not place face over well when collecting measurement
100. Remove dedicated tubing (if necessary)	6. Exposure to hazardous substances through inhalation or dermal exposure 7. Tubing swings around after removal	6. Wear proper PPE (nitrile gloves, Tyvek sleeves) 7. Wear proper PPE (safety glasses)
101. Set-up plastic sheeting for work site around the well	3. Lacerations when cutting plastic sheeting	3. Use scissors to cut plastic sheeting / Cut motions should always be away from body and body parts

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
102. Measure depth to water	3. Exposure to hazardous substances through inhalation or dermal exposure 4. Pinch fingers or hand in water level instrument	3. Wear proper PPE (nitrile gloves) 4. Wear proper PPE (leather gloves)
103. Calibrate monitoring equipment	3. Skin or eye contact with calibration chemicals 4. Pinch fingers or hand in monitoring equipment	3. Wear proper PPE (safety glasses, nitrile gloves) 4. Wear proper PPE (leather gloves) / Avoid pinch points
104. Install sampling pump in well	11. Hand injuries during installation of pump 12. Lacerations when cutting tubing 13. Back strain during installation of pump 14. Physical hazards associated with manual lifting of heavy equipment 15. Back strain from starting generator 16. Burns from hot exhaust from generator 17. Electrical shock from improper use of generator and pump 18. Contaminated water spray from loose connections	11. Wear proper PPE (leather gloves, nitrile gloves) 12. Use safety tubing cutter 13. Use proper lifting techniques 14. Use proper lifting techniques / Use wheeled transport for heavy equipment 15. Use arm when starting generator / Do not over-strain if generator does not start 16. Do not touch generator near exhaust / Use proper handle to carry / Allow generator to cool down before moving 17. Properly plug in pump to generator / Do not allow the pump or generator to contact water / Check for breaks in the cord 18. Check all tubing connections to ensure they are tight and secure

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
10. Purge water	4. Contact with potentially contaminated groundwater 5. Back strain from lifting buckets of water 6. Tripping potential on sample discharge lines and pump electric line	4. Wear proper PPE (safety glasses, nitrile gloves) 5. Use proper lifting techniques / Use wheeled transport 6. Organize discharge of electric line to keep out of way as much as possible / Mark potential tripping hazards with caution tape or safety cones
11. Sample water collection	12. Contact with potentially contaminated groundwater through dermal exposure 13. Contact with and burns from acid used for sample preservation 14. Tripping potential on sample discharge lines and pump electric line 15. Lacerations from broken sample bottles 16. Back strain when transporting coolers full of collected samples 17. Slips/ Trips/ Falls	13. Wear proper PPE (safety glasses, nitrile gloves) 14. Wear proper PPE (safety glasses, nitrile gloves) / Ensure sample bottle lids are secure before use and after sample collection 15. Organize line to keep out of the way as much as possible / Mark potential tripping hazards with caution tape or safety cones 16. Do not over-tighten bottle caps / Handle bottles safely to prevent breakage / Wrap glass bottles in bubble wrap, if possible 17. Use proper lifting techniques / Use wheeled transport / Seek assistance if coolers weight exceeds 50lbs. / Minimize distance to vehicle 18. Have unobstructed path to vehicle or collection point / Follow good housekeeping procedures / Do not lift/walk with coolers that are too heavy/difficult to lift
12. Remove pump and pack up equipment	3. Back strain when removing pump or lifting heavy equipment	3. Use proper lifting technique / Use wheeled transport for heavy equipment
13. Replace well cap and lock	5. Scrape fingers/hand 6. Strain wrist/bruise palm	5. Wear proper PPE (leather gloves) 6. Using hammer, tap the end of the well cap to tighten grip
14. Replace well cover	7. Scrape knuckles/hand 8. Strain write/bruise palm 9. Pinch fingers or hand	7. Wear proper PPE (leather gloves) 8. Using hammer, tap the end of the wrench to tighten the grip of the bolts 9. Wear proper PPE (leather gloves)
15. Transport drums to disposal staging location	6. Back, arm or shoulder strain from moving drums 7. Pinch hazard 8. Contact with potentially contaminated groundwater when moving improperly sealed drums 9. Slips/ Trips/ Falls when moving drum 10. Drop drum on feet/toes	6. Use drum cart for moving drums / Use proper lifting techniques / Obtain assistance, if needed 7. Wear proper PPE (leather gloves) 8. Wear proper PPE (nitrile gloves under leather gloves) / Properly seal drum to prevent leak 9. Ensure route to move drum to storage space is dry and free from obstructions 10. Wear proper PPE (safety shoes)
16. Place used PPE in designated disposal drum	5. Pressure build-up inside drum 6. Pinch hazard	6. Remove cap from bung hole in drum to relieve pressure 7. Wear proper PPE (leather gloves)
17. Decontaminate equipment	6. Splashing water/soap from decontamination 7. Contact with potentially contaminated groundwater through dermal exposure 8. Electrical shock from broken electric cords	6. Wear proper PPE (safety glasses) 7. Wear proper PPE (safety glasses, dermal protection) 8. Properly plug in pump to generator / Do not allow the pump or generator to contact water / Check for breaks in the cord
19. All activities	139. Slips/ Trips/ Falls 140. Hand injuries, cuts or lacerations during manual handling of materials 141. Foot injuries 142. Back injuries 143. Traffic 144. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)	142. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards 143. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 144. Wear Langan approved safety shoes

JOB STEPS	POTENTIAL HAZARDS	PREVENTATIVE / CORRECTIVE ACTION
	145. High Noise levels 146. Overhead hazards 147. Heat Stress/ Cold Stress 148. Eye Injuries	145. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 146. Wear high visibility clothing & vest / Use cones or signs to designate work area 147. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 148. Wear hearing protection 149. Wear hard hat / Avoid areas were overhead hazards exist. 150. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 151. Wear safety glasses
Additional items.		
Additional Items identified while in the field. (Delete row if not needed.)		

Print Name	Sign Name	Date
Prepared by:		
Reviewed by:		

ATTACHMENT H

TAILGATE SAFETY BRIEFING FORM

LANGAN TAILGATE SAFETY BRIEFING

Date:_____ Time: _____

Leader:_____ Location:_____

Work Task:

_____

_____

SAFETY TOPICS (*provide some detail of discussion points*)

Chemical Exposure Hazards and Control:_____

_____

Physical Hazards and Control: _____

Air Monitoring: _____

PPE: _____

_____

Communications:_____

Safe Work Practices: _____

_____

Emergency Response: _____

Hospital/Medical Center Location: _____

Phone Nos.: _____

Other: _____

FOR FOLLOW-UP (the issues, responsibilities, due dates, etc.**)**

_____

_____

_____

ATTENDEES

PRINT NAME	COMPANY	SIGNATURE

APPENDIX C

QUALITY ASSURANCE PROJECT PLAN

LANGAN

QUALITY ASSURANCE PROJECT PLAN

for

514 UNION STREET
Brooklyn, New York
NYSDEC BCP Site No. C224318

Prepared For:

473 President LLC
51 East 12th Street, 7th Floor
New York, New York 10003

Prepared By:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

March 2022
Langan Project No. 170361301

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1.0 PROJECT DESCRIPTION

1.1 Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Quality Assurance Project Plan (QAPP) on behalf of 473 President LLC (the Volunteer) for the property at 514 Union Street, Brooklyn, New York (the site). The Volunteer was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) to investigate and remediate the site pursuant to the NYSDEC Brownfield Cleanup Agreement (BCA) executed on 21 October 2021. The site was assigned BCP Site No. C224318.

The approximately 17,000-square-foot site, identified as Brooklyn Borough Tax Block 440, Lot 12, is located in an urban area in the Gowanus neighborhood of Brooklyn, New York, and consists of an one-story brick building occupied by the Royal Palms Shuffleboard Club.

This Quality Assurance Project Plan (QAPP) specifies analytical methods and evaluation procedures to be used to ensure that data from the proposed remedial investigation (RI) at the site are precise, accurate, representative, comparable, and complete.

1.2 Project Objectives

The objective of the Remedial Investigation Work Plan (RIWP) is to investigate and characterize the nature and extent of environmental impacts at the site and to provide sufficient information to evaluate remedial alternatives and threats to human health and the environment, as required per the BCP.

- Development and implementation of a site-specific Construction Health and Safety Plan (CHASP) for the protection of on-site workers, tenants, and the community during remediation
- Advancement of soil borings
- Installation of permanent monitoring wells

1.3 Scope of Work

The scope of work is described in detail in the RIWP. Soil and groundwater samples will be collected for laboratory analysis. An odor and organic vapor control and monitoring plan will be implemented during implementation of the RIWP.

2.0 DATA QUALITY OBJECTIVES AND PROCESSES

Data Quality Objectives (DQOs) are qualitative and quantitative statements to help ensure that data of known and appropriate quality are obtained during the project. DQOs for sampling activities are determined by evaluating five factors:

- Data needs and uses: The types of data required and how the data will be used after it is obtained.
- Parameters of Interest: The types of chemical or physical parameters required for the intended use.
- Level of Concern: Levels of constituents, which may require remedial actions or further investigations.
- Required Analytical Level: The level of data quality, data precision, and QA/QC documentation required for chemical analysis.
- Required Detection Limits: The detection limits necessary based on the above information.

The quality assurance and quality control objectives for all measurement data include:

- **Precision** – an expression of the reproducibility of measurements of the same parameter under a given set of conditions. Field sampling precision will be determined by analyzing coded duplicate samples and analytical precision will be determined by analyzing internal QC duplicates and 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. Sampling accuracy will be determined through the assessment of the analytical results of equipment blanks and trip blanks (organic analysis of aqueous matrices only) 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, instrument calibrations, 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.

The above objectives are discussed in detail in Section 4.0.

3.0 PROJECT ORGANIZATION

Any future remedial activities and investigations will be overseen by Langan or another environmental consultant for the Volunteer or a future owner. The environmental consultant will also arrange data analysis and reporting tasks. The analytical services will be performed by a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Data validation services will be performed by approved data validation contractor(s). Sampling will be conducted by Langan and the analytical services is anticipated to be performed by Alpha Analytical Laboratories, Inc. of Westborough, Massachusetts (NYSDOH ELAP certification number 11148). Data validation services is anticipated to be performed by Joseph Conboy of Langan.

Key contacts for this project are summarized below; Langan resumes are included in Attachment A:

Personnel	Investigation Role	Contact Information
Paul McMahon, P.E. Langan	Langan Project Manager	Phone – 212-479-5451 Email – pmcmahon@langan.com
Ryan Manderbach, CHMM Langan	Program Quality Assurance Monitor	Phone – 212.479.5582 Email – rmanderbach@langan.com
Michael D. Burke, P.G., CHMM Langan	Langan Quality Assurance Officer (QAO)	Phone – 212-479-5413 Email – gnicholls@langan.com
Joseph Conboy Langan	Data Validator / Program Quality Assurance Manager	Phone – 215-491-6500 Email – jconboy@langan.com
Ben Rao Alpha Analytical Laboratories	Laboratory Representative	Phone – 201-812-2633 Email – brao@alphalab.com

4.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) OBJECTIVES FOR MEASUREMENT OF DATA

The quality assurance and quality control objectives for all measurement data include precision, accuracy, representativeness, completeness, comparability, and sensitivity. These objectives are defined in following subsections. Variances from the quality assurance objectives at any stage of the investigation will result in the implementation of appropriate corrective measures and an assessment of the impact of corrective measures on the usability of the data.

4.1 Precision

Precision is a measure of the degree to which two or more measurements are in agreement. Field precision is assessed through the collection and measurement of field duplicates. Laboratory precision and sample heterogeneity also contribute to the uncertainty of field duplicate measurements. This uncertainty is taken into account during the data assessment process. For field duplicates, results less than 5x the reporting limit (RL) meet the precision criteria if the absolute difference is less than ±2x the RL for soil or ±1x for groundwater. For results greater than 5x the RL, the acceptance criteria is a relative percent difference (RPD) of ≤50% (soil) or ≤30% (groundwater). RLs and method detection limits (MDL) are provided in Attachment B.

4.2 Accuracy

Accuracy is the measurement of the reproducibility of the sampling and analytical methodology. It should be noted that precise data may not be accurate data. For the purpose of this QAPP, bias is defined as the constant or systematic distortion of a measurement process, which manifests itself as a persistent positive or negative deviation from the known or true value. This may be due to (but not limited to) improper sample collection, sample matrix, poorly calibrated analytical or sampling equipment, or limitations or errors in analytical methods and techniques.

Accuracy in the field is assessed through the use of field blanks and through compliance with all sample handling, preservation, and holding time requirements. All field blanks should be non-detect when analyzed by the laboratory. Any contaminant detected in an associated field blank will be evaluated against laboratory blanks (preparation or method) and evaluated against field samples collected on the same day to determine potential for bias. Trip blanks are not required for non-aqueous matrices, but will be considered for non-aqueous matrices where high concentrations of volatile organic compounds (VOCs) are anticipated based on field screening.

Laboratory accuracy is assessed by evaluating the percent recoveries of matrix spike/matrix spike duplicate (MS/MSD) samples, laboratory control samples (LCS), surrogate compound recoveries, and the results of method preparation blanks. MS/MSD, LCS, and surrogate percent recoveries will be compared to either method-specific control limits or laboratory-derived control limits.

Sample volume permitting, samples displaying outliers should be reanalyzed. All associated method blanks should be non-detect when analyzed by the laboratory.

4.3 Representativeness

Representativeness expresses the degree to which data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition within a defined spatial and/or temporal boundary. Representativeness is dependent upon the adequate design of the sampling program and will be satisfied by ensuring that the scope of work is followed and that specified sampling and analysis techniques are used. This is performed by following applicable SOPs and this QAPP. All field technicians will be given copies of appropriate documents prior to sampling events and are required to read, understand, and follow each document as it pertains to the tasks at hand.

Representativeness in the laboratory is ensured by compliance to nationally-recognized analytical methods, meeting sample holding times, and maintaining sample integrity while the samples are in the laboratory's possession. This is performed by following all applicable analytical methods, laboratory-issued SOPs, the laboratory's Quality Assurance Manual, and this QAPP. The laboratory is required to be properly certified and accredited.

4.4 Completeness

Laboratory completeness is the ratio of total number of samples analyzed and verified as acceptable compared to the number of samples submitted to the fixed-base laboratory for analysis, expressed as a percent. Three measures of completeness are defined:

- Sampling completeness, defined as the number of valid samples collected relative to the number of samples planned for collection;
- Analytical completeness, defined as the number of valid sample measurements relative to the number of valid samples collected; and
- Overall completeness, defined as the number of valid sample measurements relative to the number of samples planned for collection.

Soil, groundwater, and soil vapor data will meet a 90% completeness criterion. If the criterion is not met, sample results will be evaluated for trends in rejected and unusable data. The effect of unusable data required for a determination of compliance will also be evaluated.

4.5 Comparability

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 by:

- Using identified standard methods for both sampling and analysis phases of this project;
- Requiring traceability of all analytical standards and/or source materials to the U.S. Environmental Protection Agency (USEPA) or National Institute of Standards and Technology (NIST);
- Requiring that all calibrations be verified with an independently prepared standard from a source other than that used for calibration (if applicable);
- Using standard reporting units and reporting formats including the reporting of QC data;
- Performing a complete data validation on documentation sampling analytical results, including the use of data qualifiers in all cases where appropriate; and
- Requiring that all validation qualifiers be used any time an analytical result is used for any purpose.

These steps will ensure all future users of either the data or the conclusions drawn from them will be able to judge the comparability of these data and conclusions.

4.6 Sensitivity

Sensitivity is the ability of the instrument or method to detect target analytes at the levels of interest. The project director will select, with input from the laboratory and QA personnel, sampling and analytical procedures that achieve the required levels of detection and QC acceptance limits that meet established performance criteria. Concurrently, the project director will select the level of data assessment to ensure that only data meeting the project DQOs are used in decision-making.

Field equipment will be used that can achieve the required levels of detection for analytical measurements in the field. In addition, the field sampling staff will collect and submit full volumes of samples as required by the laboratory for analysis, whenever possible. Full volume aliquots will help ensure achievement of the required limits of detection and allow for reanalysis if necessary. The concentration of the lowest level check standard in a multi-point calibration curve will represent the reporting limit.

Analytical methods and quality assurance parameters associated with the sampling program are presented in Attachment C. The frequency of associated field blanks and duplicate samples will be based on the recommendations listed in the DER-10, and as described in Section 5.3.

5.0 SAMPLING PROGRAM

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). Air sampling, if necessary, will be conducted in accordance with the established New York State Department of Health (NYSDOH) protocols contained in the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The following sections describe procedures to be followed for specific tasks.

5.1 Field Documentation Procedures

5.1.1 Field Data and Notes

Field notebooks contain the documentary evidence regarding procedures conducted by field personnel. Hard cover, bound field notebooks will be used because of their compact size, durability, and secure page binding. The pages of the notebook will not be removed.

Entries will be made in waterproof, permanent blue or black ink. No erasures will be allowed. If an incorrect entry is made, the information will be crossed out with a single strike mark and the change initialed and dated by the team member making the change. Each entry will be dated. Entries will be legible and contain accurate and complete documentation of the individual or sampling team's activities or observations made. The level of detail will be sufficient to explain and reconstruct the activity conducted. Each entry will be signed by the person(s) making the entry.

The following types of information will be provided for each sampling task, as appropriate:

- Project name and number
- Reasons for being on-site or taking the sample(s)
- Date and time of activity
- Sample identification number(s)
- Geographical location of sampling points with references to the Site, other facilities or a map coordinate system; sketches will be made in the field logbook when appropriate
- Physical location of sampling locations such as depth below ground surface
- Description of the method of sampling including procedures followed, equipment used and any departure from the specified procedures

- Description of the sample including physical characteristics, odor, etc.
- Readings obtained from health and safety equipment
- Weather conditions at the time of sampling and previous meteorological events that may affect the representative nature of a sample
- Photographic information including a brief description of what was photographed, the date and time, the compass direction of the picture and the number of the picture on the camera
- Other pertinent observations such as the presence of other persons on the Site, actions by others that may affect performance of site tasks, etc.
- Names of sampling personnel and signature of persons making entries

Field records will also be collected on field data sheets including boring logs, which will be used for geologic and drilling data during soil boring activities. Field data sheets will include the project-specific number and stored in the field project files when not in use. At the completion of the field activities, the field data sheets will be maintained in the central project file.

5.1.2 Sample Labeling

Each sample collected will be assigned a unique identification number and abbreviation in accordance with the sample nomenclature guidance provided in the following table and the Standard Operating Procedure provided in Attachment D.

Sample Nomenclature Summary	
AA	Ambient Air
DUP	Field Duplicate
EA	Effluent Air
FB	Field Blank
IA	Indoor Air
MW	Monitoring Well
SB	Soil Boring
SSV	Sub-slab Vapor
TB	Trip Blank
(#-#)	Depth Interval
MMDDYY	Date of Sampling

Each sample container will have a sample label affixed to the outside with the date and time of sample collection and project name. In addition, the label will contain the sample identification

number, analysis required and chemical preservatives added, if any. All documentation will be completed in waterproof ink.

5.2 Equipment Calibration and Preventative Maintenance

A photoionization detector (PID) will be used during the sampling activities to evaluate work zone action levels, screen soil samples, and collect monitoring well headspace readings. Field calibration and/or field checking of the PID will be the responsibility of the field team leader and the Site Health & Safety Officer, 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.

5.3 Sample Collection

5.3.1 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 either EnCore® or Terra Core® sampling equipment. For analysis of non-volatile parameters, samples will be homogenized and placed into glass jars. After collection, all sample jars will be capped and securely tightened, and placed in iced coolers and maintained at 4°C ±2°C until they are transferred to the laboratory for analysis, in accordance with the procedures outlined in Section 5.4. Analysis and/or extraction and digestion of collected soil samples will meet the holding times required for each analyte as specified in Attachment C. In addition, analysis of collected soil sample will meet all quality assurance criteria set forth by this QAPP and DER-10.

5.3.2 Groundwater Samples

Groundwater sampling will be conducted using low-flow sampling procedures following USEPA guidance ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", EQASOP-GW 004, January 19, 2017).

During purging, field parameters should be measured, including: water level drawdown, purge rate, pH, specific conductance, temperature, dissolved oxygen, turbidity and oxidation-reduction-potential (ORP), every five minutes using a water quality meter (Horiba U-52 or similar) and a depth-to-water interface probe that should be decontaminated between wells. Samples should generally not be collected until the field parameters have stabilized. Field parameters will be considered stable once three sets of measurements are within ±0.1 standard units for pH, ±3% for conductivity and temperature, ±10 millivolts for ORP, and ±10% for turbidity and dissolved oxygen. Purge rates should be adjusted to keep the drawdown in the well to less than 0.3 feet, as practical. Additionally, an attempt should be made to achieve a stable turbidity reading of less than 10 Nephelometric Turbidity Units (NTU) prior to sampling. If the turbidity reading does not stabilize at reading of less than 10 NTU for a given well, then both filtered and unfiltered samples should be collected from that well. If necessary, field filtration should be performed using a 0.45 micron disposable in-line filter. Groundwater samples should be collected after parameters have stabilized as noted above or the readings are within the precision of the meter. Deviations from the stabilization and drawdown criteria, if any, should be noted on the sampling logs.

Samples should be collected directly into laboratory-supplied jars. After collection, all sample jars will be capped and securely tightened, and placed in iced coolers and maintained at 4°C ±2°C until they are transferred to the laboratory for analysis, in accordance with the procedures outlined in Section 5.4. Analysis and/or extraction and digestion of collected groundwater samples will

meet the holding times required for each analyte as specified in Attachment C. In addition, analysis of collected groundwater sample will meet all quality assurance criteria set forth by this QAPP and DER-10.

5.3.3 Sample Field Blanks and Duplicates

Field blanks will be collected for quality assurance purposes at a rate of one per 20 soil and groundwater investigation samples per analysis. For per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane, field blanks will be collected at a frequency of one per day per matrix. Field blanks will be obtained by pouring laboratory-demonstrated analyte-free water on or through a decontaminated sampling device following use and implementation of decontamination protocols. The water will be collected off of the sampling device into a laboratory-provided sample container for analysis. Field blank samples will be analyzed for the complete list of analytes on the day of sampling.

Field duplicate soil samples will be collected and analyzed for quality assurance purposes. Field duplicate samples will be collected at a frequency of 1 per 20 investigative soil samples per analysis and will be submitted to the laboratory as "blind" samples. If less than 20 samples are collected during a particular sampling event, one field duplicate sample will be collected.

5.4 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 trip blanks and field blank sample containers and reagent preservatives. Sample bottle containers, including the field blank containers, will be placed into plastic coolers by the laboratory. These coolers will be received by the field sampling team within 24 hours of their preparation in the laboratory. Prior to the commencement of field work, Langan field personnel will fill the plastic coolers with ice in Ziploc® bags (or equivalent) to maintain a temperature of 4° ±2° C.

Soil samples collected in the field for laboratory analysis will be placed directly into the laboratory-supplied sample containers. Samples will then be placed and stored on-ice in laboratory provided coolers until shipment to the laboratory. The temperature in the coolers containing samples and associated field blanks will be maintained at a temperature of 4°±2°C while on-site and during sample shipment to the analytical laboratory.

Possession of samples collected in the field will be traceable from the time of collection until they are analyzed by the analytical laboratory or are properly disposed. Chain-of-custody procedures, described in Section 5.10, will be followed to maintain and document sample possession. Samples will be packaged and shipped as described in Section 5.7.

5.5 Special Considerations for PFAS Sample Collection

The following special considerations apply to the collection of soil samples for PFAS analysis to prevent cross-contamination:

- Field equipment will not contain Teflon®
- All sampling material will be made from stainless steel, HDPE, acetate, silicon, or polypropylene
- No waterproof field books will be used
- No plastic clipboards, binders, or spiral hard cover notebooks will be used
- No adhesives will be used
- No sharpies or permanent markers will be used; ball point pens are acceptable
- Aluminum foil will not be used
- PFAS samples will be kept in a separate cooler from other sampling containers
- Coolers will be filled only with regular ice

DER has developed a PFAS target analyte list. At minimum, the laboratory will report the following PFAS target compounds:

Group	Analyte Name	Abbreviation	CAS #
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluorohexanesulfonic acid	PFHxS	355-46-4

	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanessulfonic acid	PFOS	1763-23-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

The PFAS compound sampling protocol is provided in Attachment E.

5.6 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 C.

5.7 Sample Shipment

5.7.1 Packaging

Soil and groundwater (contingency) sample containers will be placed in plastic coolers. Ice in Ziploc® bags (or equivalent) will be placed around sample containers. Cushioning material will be added around the sample containers if necessary. Chains-of-custody and other paperwork will be placed in a Ziploc® bag (or equivalent) and placed inside the cooler. The cooler will be taped closed and custody seals will be affixed to one side of the cooler at a minimum. If the samples are being shipped by an express delivery company (e.g. FedEx) then laboratory address labels will be placed on top of the cooler.

5.7.2 Shipping

Standard procedures to be followed for shipping environmental samples to the analytical laboratory are outlined below.

- All environmental samples will be transported to the laboratory by a laboratory-provided courier under the chain-of-custody protocols described in Section 5.10.

- Prior notice will be provided to the laboratory regarding when to expect shipped samples. If the number, type or date of shipment changes due to site constraints or program changes, the laboratory will be informed.

5.8 Decontamination Procedures

Decontamination procedures will be used for non-dedicated sampling equipment. Decontamination of field personnel is discussed in the site-specific sample HASP included in Appendix B of the RIWP. Field sampling equipment that is to be reused will be decontaminated in the field in accordance with the following procedures:

1. Laboratory-grade glassware detergent and tap water scrub to remove visual contamination

2. Generous tap water rinse

3. Distilled/de-ionized water rinse

5.9 Residuals Management

Debris (e.g., paper, plastic and disposable personal protective equipment) will be collected in plastic garbage bags and disposed of as non-hazardous industrial waste. Decontamination and fluids will be placed in UN/Department of Transportation (DOT) approved fluid drums with closed tops. All drums will be properly labeled, sealed, and characterized as necessary.

Waste characterization samples will be collected from soil proposed for disposal during implementation of the RAWP. Samples will be analyzed per disposal facility requirements.

This activity will be coordinated and overseen by a representative of the RE. Samples will be representative of the material requiring disposal and will occur at a frequency consistent with disposal facility requirements.

Waste characterization samples will be submitted to a NYSDOH ELAP-approved laboratory for analysis in accordance with the QAPP provided in Appendix G. Waste characterization samples will be analyzed for parameters that are typically required by disposal facilities. The following list is provided for planning purposes and may not reflect the analyses performed for waste characterization:

- 6 NYCRR Part 375/TCL/New Jersey Department of Environmental Protection (NJDEP) VOCs, extractable petroleum hydrocarbon (EPH), SVOCs, pesticides, herbicides, PCBs, and TAL metals (including hexavalent chromium);

- Toxicity Characteristic Leaching Procedure (TCLP) VOCs, SVOCs, pesticides, herbicides, and metals;

- Resource Conservation and Recovery Act (RCRA) characteristics, including ignitability, corrosivity, and reactivity (sulfide and cyanide);

- Total cyanide; and

- Paint filter analysis.

Samples will be collected in accordance with the selected disposal facility's requirements and will be collected to be representative of the material requiring disposal at a frequency consistent with disposal facility requirements. It is anticipated that all drummed material will be transported off-site and disposed of at a permitted facility.

5.10 Chain of Custody Procedures

A chain-of-custody protocol has been established for collected samples that will be followed during sample handling activities in both field and laboratory operations. The primary purpose of the chain-of-custody procedures is to document the possession of the samples from collection through shipping, storage and analysis to data reporting and disposal. Chain-of-custody refers to actual possession of the samples. Samples are considered to be in custody if they are within sight of the individual responsible for their security or locked in a secure location. Each person who takes possession of the samples, except the shipping courier, is responsible for sample integrity and safe keeping. Chain-of-custody procedures are provided below:

- Chain-of-custody will be initiated by the laboratory supplying the pre-cleaned and prepared sample containers. Chain-of-custody forms will accompany the sample containers.

- Following sample collection, the chain-of-custody form will be completed for the sample collected. The sample identification number, date and time of sample collection, analysis requested and other pertinent information (e.g., preservatives) will be recorded on the form. All entries will be made in waterproof, permanent blue or black ink.

- Langan field personnel will be responsible for the care and custody of the samples collected until the samples are transferred to another party, dispatched to the laboratory,

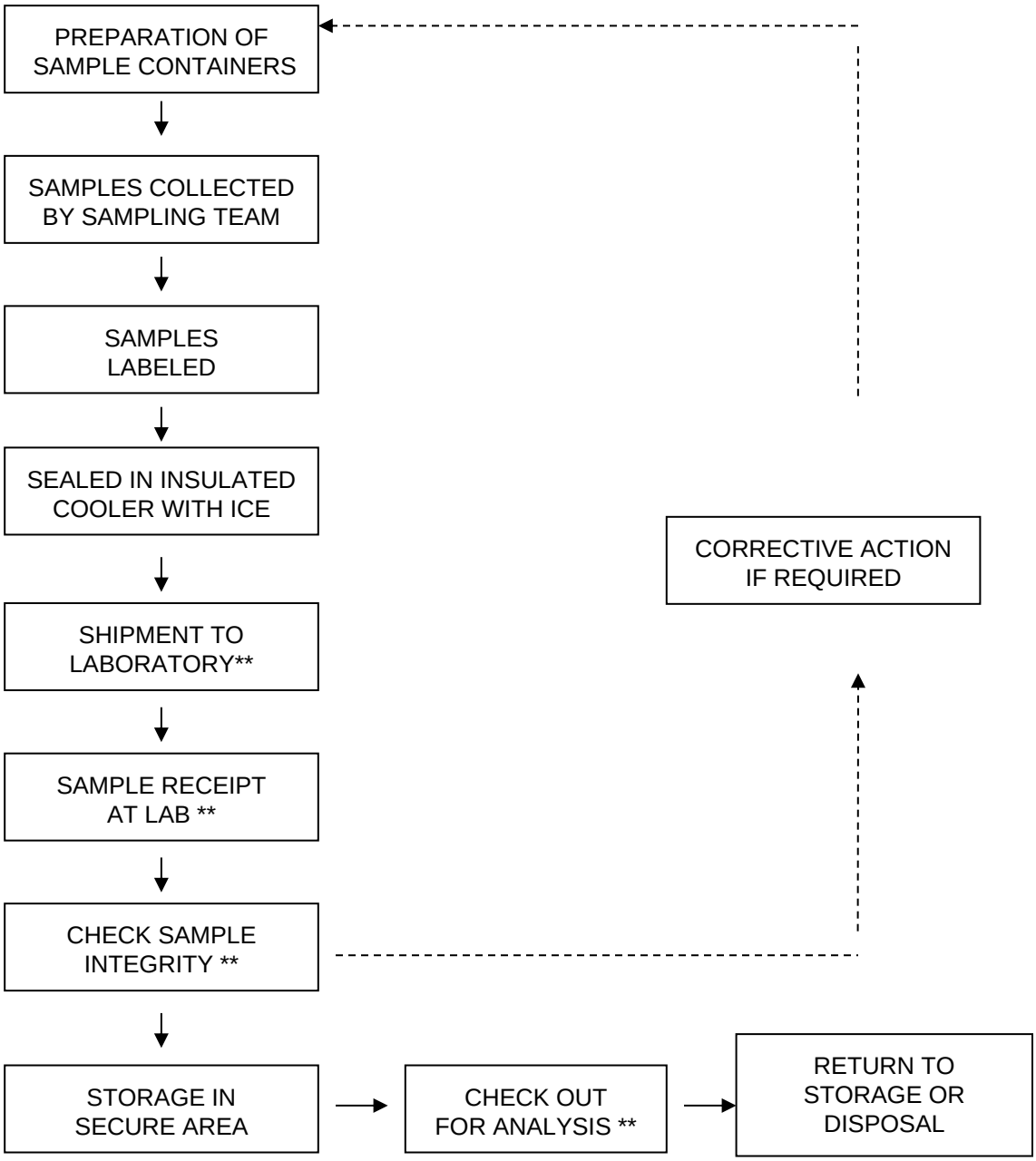
or disposed. The sampling team leader will be responsible for enforcing chain-of-custody procedures during field work.

- When the form is full or when all samples have been collected that will fit in a single cooler, the sampling team leader will check the form for possible errors and sign the chain-of-custody form. Any necessary corrections will be made to the record with a single strike mark, dated, and initialed.

When soil and samples are collected, sample coolers will be accompanied by the chain-of-custody form, sealed in a Ziploc® bag (or equivalent) and placed on top of the samples or taped to the inside of the cooler lid. If applicable, a shipping bill will be completed for each cooler and the shipping bill number recorded on the chain-of-custody form.

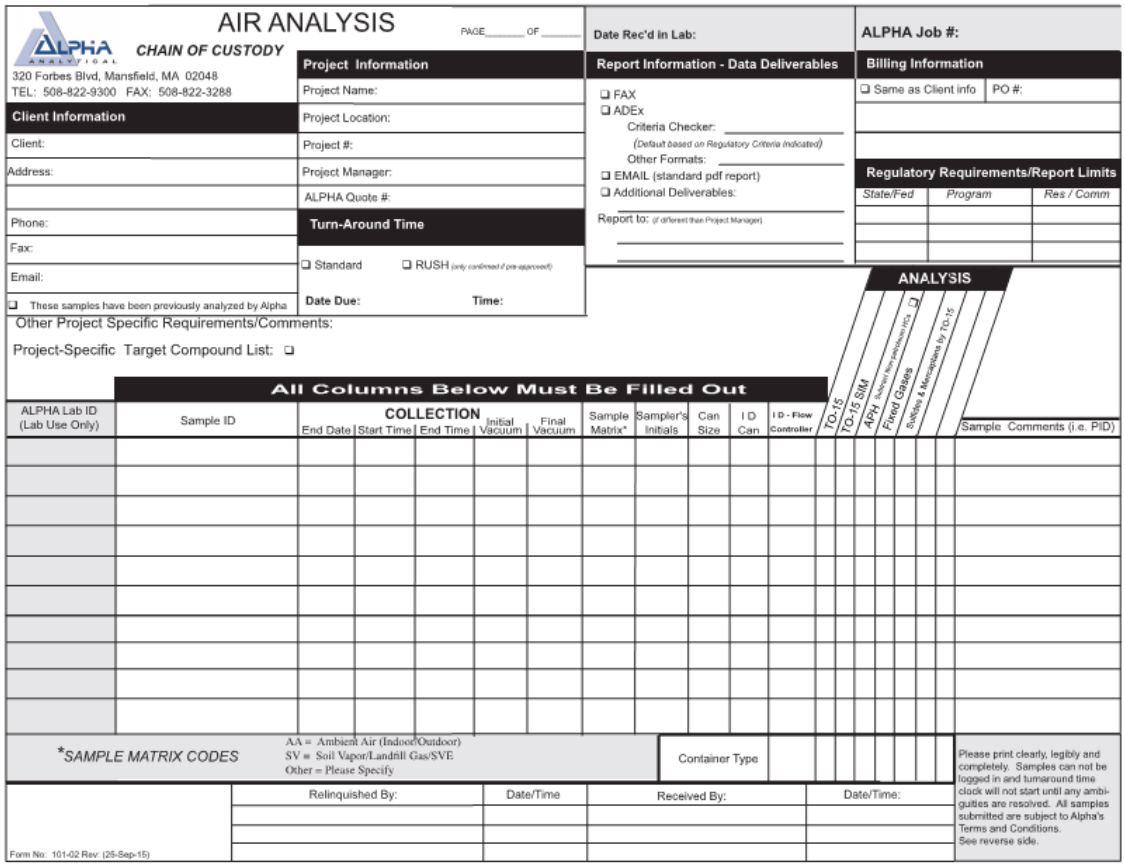
Samples will be packaged for shipment to the laboratory with the appropriate chain-of-custody form. A copy of the form will be retained by the sampling team for the project file and the original will be sent to the laboratory with the samples. Bills of lading will also be retained as part of the documentation for the chain-of-custody records, if applicable. When transferring custody of the samples, the individuals relinquishing and receiving custody of the samples will verify sample numbers and condition and will document the sample acquisition and transfer by signing and dating the chain-of-custody form. This process documents sample custody transfer from the sampler to the analytical laboratory. A flow chart showing a sample custody process is included as Figure 5.1, and an example chain-of-custody form for soil and groundwater (contingency) samples is included as Figure 5.2.

Figure 5.1 Sample Custody



** REQUIRES SIGN-OFF ON CHAIN-OF-CUSTODY FORM

Figure 5.2 Sample Chain-of-Custody Form



AIR ANALYSIS
CHAIN OF CUSTODY
PAGE ____ OF ____
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:
ALPHA Job #:

Client Information
Client:
Address:
Phone:
Fax:
Email:
❑ These samples have been previously analyzed by Alpha

Project Information
Project Name:
Project Location:
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time
❑ Standard ❑ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables
❑ FAX
❑ ADEx
Criteria Checker: ____
(Default based on Regulatory Criteria Indicated)
Other Formats: ____
❑ EMAIL (standard pdf report)
❑ Additional Deliverables: ____
Report to: (if different than Project Manager)

Billing Information
❑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:
Project-Specific Target Compound List: ❑

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subject from petroleum HCs ❑	Fixed Gases	Solids & Mercaptans by TO-15			Sample Comments (i.e. PID)

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:

Form No: 101-02 Rev: (25-Sep-15)

Laboratory chain-of-custody will be maintained throughout the analytical processes as described in the laboratory's Quality Assurance Manual. The analytical laboratory will provide a copy of the chain-of-custody in the analytical data deliverable package. The chain-of-custody becomes the permanent record of sample handling and shipment.

5.11 Laboratory Sample Storage Procedures

The subcontracted laboratory will use a laboratory information management system (LIMS) to track and schedule samples upon receipt by the analytical laboratories. Any sample anomalies identified during sample log-in must be evaluated on individual merit for the impact upon the results and the data quality objectives of the project. When irregularities do exist, the environmental consultant must be notified to discuss recommended courses of action and documentation of the issue must be included in the project file.

For samples requiring thermal preservation, the temperature of each cooler will be immediately recorded. Each sample and container will be will be assigned a unique laboratory identification number and secured within the custody room walk-in coolers designated for new samples. Samples will be, as soon as practical, disbursed in a manner that is functional for the operational

team. The temperature of all coolers and freezers will be monitored and recorded using a certified temperature sensor. Any temperature excursions outside of acceptance criteria (i.e., below 2°C or above 6°C) will initiate an investigation to determine whether any samples may have been affected. Samples for VOCs will be maintained in satellite storage areas within the VOC laboratory. Following analysis, the laboratory's specific procedures for retention and disposal will be followed as specified in the laboratory's SOPs and/or QA manual.

6.0 DATA REDUCTION, VALIDATION, AND REPORTING

6.1 Introduction

Data collected during the field investigation will be reduced and reviewed by the laboratory QA personnel, and a report on the findings will be tabulated in a standard format. The criteria used to identify and quantify the analytes will be those specified for the applicable methods in the USEPA SW-846 and subsequent updates. The data package provided by the laboratory will contain all items specified in the analytical methodology (Attachment C) appropriate for the analyses to be performed, and be reported in standard format.

The completed copies of the Chain-of-custody records (both external and internal) accompanying each sample from time of initial bottle preparation to completion of analysis shall be attached to the analytical reports.

6.2 Data Reduction

The ASP Category B data packages and an electronic data deliverable (EDD) will be provided by the laboratory after receipt of a complete sample delivery group. The Project Manager will immediately arrange for archiving the results and preparation of result tables. These tables will form the database for assessment of the site contamination condition.

Each EDD deliverable must be formatted using a Microsoft Windows operating system and the NYSDEC data deliverable format for EQuIS™. To avoid transcription errors, data will be loaded directly into the ASCII format from the LIMS. If this cannot be accomplished, the consultant should be notified via letter of transmittal indicating that manual entry of data is required for a particular method of analysis. All EDDs must also undergo a QC check by the laboratory before delivery. The original data, tabulations, and electronic media are stored in a secure and retrievable fashion.

The Project Manager or Task Manager will maintain close contact with the QA reviewer to ensure all non-conformance issues are acted upon prior to data manipulation and assessment routines. Once the QA review has been completed, the Project Manager may direct the Team Leaders or others to initiate and finalize the analytical data assessment.

6.3 Data Validation

Data validation will be performed in accordance with the USEPA Region 2 SOPs for data validation and USEPA's National Functional Guidelines for Organic and Inorganic Data Review. Samples collected to characterize material proposed for export and import will not be validated. 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;
- Laboratory duplicate RPDs; and

A DUSR will be prepared by the data validator and reviewed by the Quality Assurance Officer (QAO) 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.

6.4 Reporting

Upon receipt of validated analytical results, NYSDEC format EDDs, compatible with EQuIS™, will be prepared and submitted to the NYSDEC.

7.0 QUALITY ASSURANCE, PERFORMANCE, AND SYSTEM AUDITS

7.1 Introduction

Quality assurance audits may be performed by the project quality assurance group under the direction and approval of the QAO. These audits will be implemented to evaluate the capability and performance of project and subcontractor personnel, items, activities, and documentation of the measurement system(s). Functioning as an independent body and reporting directly to corporate quality assurance management, the QAO may plan, schedule, and approve system and performance audits based upon procedures customized to the project requirements. At times, the QAO may request additional personnel with specific expertise from company and/or project groups to assist in conducting performance audits. However, these personnel will not have responsibility for the project work associated with the performance audit.

7.2 System Audits

System audits may be performed by the QAO or designated auditors, and encompass a qualitative evaluation of measurement system components to ascertain their appropriate selection and application. In addition, field and laboratory quality control procedures and associated documentation may be system audited. These audits may be performed once during the performance of the project. However, if conditions adverse to quality are detected or if the Project Manager requests, additional audits may occur.

7.3 Performance Audits

The laboratory may be required to conduct an analysis of Performance Evaluation samples or provide proof that Performance Evaluation samples submitted by USEPA or a state agency have been analyzed within the past twelve months.

7.4 Formal Audits

Formal audits refer to any system or performance audit that is documented and implemented by the QA group. These audits encompass documented activities performed by qualified lead auditors to a written procedure or checklists to objectively verify that quality assurance requirements have been developed, documented, and instituted in accordance with contractual and project criteria. Formal audits may be performed on project and subcontractor work at various locations.

Audit reports will be written by auditors who have performed the site audit after gathering and evaluating all data. Items, activities, and documents determined by lead auditors to be in noncompliance shall be identified at exit interviews conducted with the involved management. Non-compliances will be logged, and documented through audit findings, which are attached to

and are a part of the integral audit report. These audit-finding forms are directed to management to satisfactorily resolve the noncompliance in a specified and timely manner.

The Project Manager has overall responsibility to ensure that all corrective actions necessary to resolve audit findings are acted upon promptly and satisfactorily. Audit reports must be submitted to the Project Manager within fifteen days of completion of the audit. Serious deficiencies will be reported to the Project Manager within 24 hours. All audit checklists, audit reports, audit findings, and acceptable resolutions are approved by the QAO prior to issue. Verification of acceptable resolutions may be determined by re-audit or documented surveillance of the item or activity. Upon verification acceptance, the QAO will close out the audit report and findings.

8.0 CORRECTIVE ACTION

8.1 Introduction

The following procedures have been established to ensure that conditions adverse to quality, such as malfunctions, deficiencies, deviations, and errors, are promptly investigated, documented, evaluated, and corrected.

8.2 Procedure Description

When a significant condition adverse to quality is noted at site, laboratory, or subcontractor location, the cause of the condition will be determined and corrective action will be taken to preclude repetition. Condition identification, cause, reference documents, and corrective action planned to be taken will be documented and reported to the QAO, Project Manager, Field Team Leader and involved contractor management, at a minimum. Implementation of corrective action is verified by documented follow-up action.

All project personnel have the responsibility, as part of the normal work duties, to promptly identify, solicit approved correction, and report conditions adverse to quality. Corrective actions will be initiated as follows:

- When predetermined acceptance standards are not attained;
- When procedure or data compiled are determined to be deficient;
- When equipment or instrumentation is found to be faulty;
- When samples and analytical test results are not clearly traceable;
- When quality assurance requirements have been violated;
- When designated approvals have been circumvented;
- As a result of system and performance audits;
- As a result of a management assessment;
- As a result of laboratory/field comparison studies; and
- As required by USEPA SW-846, and subsequent updates, or by the NYSDEC ASP.

Project management and staff, such as field investigation teams, remedial response planning personnel, and laboratory groups, monitor on-going work performance in the normal course of daily responsibilities. Work may be audited at the sites, laboratories, or contractor locations.

Activities, or documents ascertained to be noncompliant with quality assurance requirements will be documented. Corrective actions will be mandated through audit finding sheets attached to the audit report. Audit findings are logged, maintained, and controlled by the Task Manager.

Personnel assigned to quality assurance functions will have the responsibility to issue and control Corrective Action Request (CAR) Forms (Figure 9.1 or similar). The CAR identifies the out-of-compliance condition, reference document(s), and recommended corrective action(s) to be administered. The CAR is issued to the personnel responsible for the affected item or activity. A copy is also submitted to the Project Manager. The individual to whom the CAR is addressed returns the requested response promptly to the QA personnel, affixing his/her signature and date to the corrective action block, after stating the cause of the conditions and corrective action to be taken. The QA personnel maintain the log for status of CARs, confirms the adequacy of the intended corrective action, and verifies its implementation. CARs will be retained in the project file for the records.

Any project personnel may identify noncompliance issues; however, the designated QA personnel are responsible for documenting, numbering, logging, and verifying the close out action. The Project Manager will be responsible for ensuring that all recommended corrective actions are implemented, documented, and approved.

Figure 8.1 - Corrective Action Request

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:_____

9.0 REFERENCES

1. NYSDEC. Division of Environmental Remediation. DER-10/Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

2. NYSDOH. Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006, updated May 2017.

3. USEPA, 2014. "Test Method for Evaluating Solid Waste," Update V dated July 2014 U.S. Environmental Protection Agency, Washington, D.C.

4. USEPA, 2016. Region II Standard Operating Procedure (SOP) #HW-34, "Trace Volatile Data Validation" (September 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

5. USEPA, 2016. Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

6. USEPA, 2016. Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

7. USEPA, 2016. Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

8. USEPA, 2015. Region II SOP #HW-37A, "PCB Aroclor Data Validation" (June 2015, Revision 0), USEPA Hazardous Waste Support Section. USEPA Region II

9. USEPA 2015. Region II SOP #HW-3a, "ICP-AES Data Validation" (July 2015, Revision 0), USEPA Hazardous Waste Support Section. USEPA Region II

10. USEPA, 2016. Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

11. USEPA, 2016. Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1), USEPA Hazardous Waste Support Section. USEPA Region II

12. USEPA 2017. National Functional Guidelines for Superfund Organic Methods Data Review, Office of Superfund Remediation and Technology Innovation, EPA-540-R-2017-002, January 2017.

13. USEPA 2017b. National Functional Guidelines for Superfund Inorganic Methods Data Review, Office of Superfund Remediation and Technology Innovation, EPA-540-R-201 7-001, January 2017.

14. NYSDEC. Division of Environmental Remediation, Sampling, Analysis, And Assessment Of Per- And Polyfluoroalkyl Substances (PFAS), dated June, 2021.

ATTACHMENT A

RESUMES

JASON J. HAYES, PE, LEED AP

PRINCIPAL/VICE PRESIDENT

ENVIRONMENTAL ENGINEERING

Mr. Hayes has experience in New York, New Jersey, Washington D.C., California, Washington, Oregon, Alaska, and Internationally. His experience includes Environmental Protection Agency (EPA), New York State (NYS) Brownfields applications, investigation, and remediation; New York City Department of Environmental Protection (NYCDEP) and New York City Office of Environmental Remediation (OER) E-designated site applications, investigations, and remediation. His expertise also includes Phase I and II Environmental Site Investigations and Assessments; contaminated building cleanup and demolition; Underground Storage Tank (UST) permitting, removal specifications, and closure reporting; soil vapor intrusion investigation and mitigation system design (depressurization systems, etc.); development of groundwater contaminant plume migration models; environmental analysis; and oversight, design and specification generation for remediation operations with contaminants of concern to include polychlorinated biphenyls (PCBs), solvents, mercury, arsenic, petroleum products, asbestos, mold and lead.

SELECTED PROJECTS

- NYC School Construction Authority (PCB Remediation), Various Locations, New York, NY
- 28-29 High Line (Phase I ESA, Phase II ESI, and Environmental Remediation), New York, NY
- Georgetown Heating Plant (Phase II ESI and Remedial Design for Mercury Impacted Site), Washington D.C.
- 268 West Street (BCP Application, RI and RIWP), New York, NY
- Confidential Multiple Mixed-Use Tower Location (BCP Application, RI, Phase I ESA, and Phase II ESI), New York, NY
- Dock 72 at Brooklyn Navy Yard, (NYS Voluntary Cleanup Program), Brooklyn, NY
- 27-21 44th Drive (BCP Application, Remedial Investigation Phase I ESA, and Phase II ESI), Long Island City, NY
- Purves Street Development, BCP Application, RAWP, and Phase II ESI, Long Island City, NY
- 267-273 West 87th Street (BCP Application, Remedial Investigation, RIWP, RAWP), New York, NY
- New York Aquarium, Shark Tank and Animal Care Facility (Environmental Remediation), Coney Island, NY
- International Leadership Charter School (Environmental Remediation), Bronx, NY
- West & Watts (BCP Application), New York, NY
- Hudson Yards Redevelopment (Phase I ESA and Phase II ESI), New York, NY
- 627 Smith Street (RI and Report), Brooklyn, NY
- Gateway Center II Retail (Phase I ESA and Phase II ESI), Brooklyn, NY
- 261 Hudson Street (Phase I ESA, Phase II ESI, BCP, and RAWP),



EDUCATION

M.S., Environmental Engineering
Columbia University

B.S., Chemistry, Environmental Toxicology (Business Administration minor)
Humboldt State University

PROFESSIONAL REGISTRATION

Professional Engineer (PE) in NY

LEED Accredited Professional (LEED AP)

Troxler Certification for Nuclear Densometer Training

OSHA 40-Hour HAZWOPER

OSHA HAZWOPER Site Supervisor

AFFILIATIONS

US Green Building Council, NYC Chapter, Communications Committee

Urban Land Institute (ULI), member

Commercial Real Estate Development Associations (NAIOP), member

LANGAN

New York, NY
- Riverside Center, Building 2 (BCP, Phase I ESA and Phase II ESI), New York, NY
- New York Police Academy, (Sub-Slab Depressurization and Vapor Barrier System), College Point, NY
- Bronx Terminal Market (BCP, RIWP, RAWP, Phase I ESA and Phase II ESI), Bronx, NY
- Jacob Javits Convention Center (Phase I ESA and Phase II ESI), New York, NY
- Yankee Stadium Development Waterfront Park (NYSDEC Spill Sites), Bronx, NY
- Bushwick Inlet Park (Phase I ESA, Approvals for NYC E-Designation), Brooklyn, NY
- Silvercup West (BCP, RIWP, RIR, RAWP, and RAA), Long Island City, NY
- 29 Flatbush, Tall Residential Building (Groundwater Studies, RIR and RAWP), Brooklyn, NY
- Gowanus Village I (BCP, RIWP and RIR), Brooklyn, NY
- Sullivan Street Hotel (Site Characterization Study and Owner Representation), New York, NY
- Riker's Island Co-Generation Plant (Soil and Soil Vapor Quality Investigations), Bronx, NY
- The Shops at Atlas Park (Sub-Slab Depressurization and Vapor Barrier Design), Glendale, NY
- Memorial Sloan-Kettering Cancer Center (Subsurface and Soil Vapor Intrusion Investigations), New York, NY
- Element West 59th Street (Oversight and Monitoring of Sub-Slab Depressurization and Vapor Barrier Systems), New York, NY
- Teterboro Airport (Delineation and Remedial Oversight of Petroleum-Contaminated Soils), Teterboro, NJ
- Proposed New York JETS Stadium (Phase I ESA), New York, NY
- Former Con Edison Manufactured Gas Plant Sites (Research Reports), New York, NY
- 7 World Trade Center (Endpoint Sampling and Final Closure Report), New York, NY
- Peter Cooper Village, Environmental Subsurface Investigations, New York, NY
- Greenpoint Terminal Market (BCP), Brooklyn, NY
- Confidential Location (Remediation for Mercury-Contaminated Site), New York, NY
- Confidential Location (Phase II ESI and Remedial Design for Mercury Impacted Site), Brooklyn, NY

NYC Brownfield Partnership, member

SELECTED PUBLICATIONS, REPORTS, AND PRESENTATIONS

NYC Mayor's Office of Environmental Remediation – Big Apple Brownfield Workshop – Presented on Soil Vapor Intrusion Remedies (e.g., SSD Systems, Vapor Barriers, Modified HVAC)

New York City Brownfield Partnership – Presented on environmental considerations and complications of the Hudson Yards Development

Waterfront Development Technical Course – Presented on Impacted Waterfront Planning Considerations

MICHAEL D. BURKE, PG, CHMM, LEED AP

PRINCIPAL/VICE PRESIDENT

ENVIRONMENTAL ENGINEERING AND REMEDIATION

Mr. Burke is a geologist/environmental scientist whose practice involves site investigation and remediation, transactional due diligence, environmental site assessments, in-situ remedial technology, and manufactured gas plant (MGP) site characterization and remediation. His additional services include multi-media compliance audits, sub-slab depressurization system design, non-hazardous and hazardous waste management, emergency response, community air monitoring programs, environmental and geotechnical site investigations, and health and safety monitoring. He has experience with projects in the New York State Department of Environmental Conservation (NYSDEC) and New York State Brownfield Cleanup (NYS BCP) Programs; Inactive Hazardous Waste, and Spill Programs, and New York City Office of Environmental Remediation (OER) e-designated and New York City Voluntary Cleanup Program (NYC VCP) sites.

SELECTED PROJECTS

- 227-14 North Conduit Avenue, Industrial Wastewater Compliance, Jamaica, NY
- 420 Kent Avenue, NYS Brownfield Cleanup Program, Brooklyn, NY
- 572 Eleventh Avenue, NYC VCP, New York, NY
- Monian Site A, OER E-Designated Site, New York, NY
- 537 Sackett Street, Gowanus Canal Due Diligence/MGP Site, Brooklyn, NY
- ABC Blocks 25, 26 and 27, NYS Brownfield Cleanup Program Sites, Long Island City, NY
- 432 Rodney Street, NYS Brownfield Cleanup Program, Petroleum and Chlorinated Volatile Organic Compound Investigation and Remediation, Brooklyn, NY
- 787 Eleventh Avenue, NYS Brownfield Cleanup Program Site, New York, NY
- President Street at Gowanus Canal, NYS Brownfield Cleanup Program Site, Brooklyn, NY
- 22-36 Second Avenue at Gowanus Canal, NYS Brownfield Cleanup Program Site, Brooklyn, NY
- 563 Sacket Street, NYS Brownfield Cleanup Program Site, MGP Investigation, and Remediation, Brooklyn, NY
- 156-162 Perry Street, NYS Brownfield Cleanup Program Site, New York, NY
- Christopher and Weehawken Streets, NYS Brownfield Cleanup Program, New York, NY
- Phelps Dodge Block 2529 (Lots 40, 50, and 45), Inactive Hazardous Waste Disposal Site, Maspeth NY
- 42-50 24th Street, NYS Brownfield Cleanup Program Site, Long Island City, NY
- Storage Deluxe (163 6th Street), OER E-Designation Site, New York, NY



EDUCATION

M.S., Environmental Geology
Rutgers University

B.S., Geological Sciences
Rutgers University

B.S., Environmental Science
Rutgers University

PROFESSIONAL REGISTRATION

Professional Geologist (PG) in NY

Certified Hazardous Materials Manager – CHMM No. 15998

LEED Accredited Professional (LEED AP)

OSHA Certification for Hazardous Waste Site Supervisor

OSHA 29 CFR 1910.120 Certification for Hazardous Waste Operations and Emergency Response

NJDEP Certification for Community Noise Enforcement

AFFILIATIONS

New York State Council of Professional Geologists – Board of Directors

- Prospect Park Redevelopment, Landfill Reclamation, Prospect Park, NJ
- 431 Carroll Street, Gowanus Canal Due Diligence, Brooklyn, NY
- 76 4th Street Property, Gowanus Due Diligence, Brooklyn, NY
- Foxgate/MREC, Due Diligence and Solid Waste Compliance, Central Islip, NY
- 175-225 3rd Street at Gowanus Canal, NYS Brownfield Cleanup Program, Brooklyn, NY
- New York University Tandon School of Engineering, Spill Investigation/Remediation Dual Phase Recovery, and Laser Fluorescence Investigation, Brooklyn, NY
- 2420-2430 Amsterdam Avenue, NYS Brownfield Cleanup Program/Board of Standards and Appeals Variance, New York, NY
- 170 Amsterdam Avenue, NYC VCP, New York, NY
- 538-540 Hudson Street, NYS Brownfield Cleanup Program (Former Gas Station), New York, NY
- 234 Butler Street, Gowanus Canal Due Diligence, Brooklyn, NY
- 550 Clinton Street, NYS Brownfield Cleanup Program E-Designation, Brooklyn, NY
- 111 Leroy Street, OER E-Designation Site, New York, NY
- 335 Bond Street, NYS Brownfield Cleanup Program, New York, NY
- Gowanus Canal Northside, NYS BCP Former Fuel Oil Terminal, Brooklyn, NY
- Multiple Buildings, Major Oil Storage Facility, Gowanus Canal Location, Brooklyn, NY
- 197-205 Smith Street at Gowanus Canal, MGP Due Diligence, Brooklyn, NY
- 450 Union Street at Gowanus Canal, NYS Brownfield Cleanup Program, Brooklyn, NY
- 86 Fleet Place, NYC VCP E-Designation, Brooklyn, NY
- New York University College of Nursing at 433 1st Avenue, NYS BCP, Bronx, NY
- Retail Building at 225 3rd Street, Brooklyn, NY
- 29-37 41st Avenue, NYS Brownfield Cleanup Program, Long Island City, NY
- 43-01 22nd Street, NYS Brownfield Cleanup Program, Long Island City, NY
- Compliance Audit for NYU at Washington Square Park, New York, NY
- Former Watermark Locations, NYS Brownfield Cleanup Program, Chlorinated Volatile Organic Compound Investigation and Remediation; AS/SVE, Brooklyn, NY
- Former Gas Station (1525 Bedford Avenue), Brooklyn, NY
- NYS Brownfield Cleanup Program at 514 West 24th Street, New York, NY
- Gowanus Canal Due Diligence at 76 4th Street, Brooklyn, NY
- Urban Health Plan, Medical Building, NYS Brownfield Cleanup Program CVOC Investigation and Remediation, Bronx, NY
- 420 East 54th Street, NYS Spill Closure, New York, NY
- Equity Residential at 160 Riverside Boulevard, NYS Spill Closure, New York, NY
- 357-359 West Street and 156 Leroy Street, NYC VCP, New York, NY
- Emergency Spill Response at 322 West 57th Street, Investigation and Closure, New York, NY

- Hurricane Sandy, Emergency Response at 21 West Street, New York, NY
- Hurricane Sandy, Emergency Response at 71 Pine Street, New York, NY
- Greenpoint Landing, NYC E-Designation, Brooklyn, NY
- 23-01 42nd Road, NYS Brownfield Cleanup Program, Long Island City, NY
- Greenpoint Waterfront Development, NYS Brownfield Cleanup Program, Brooklyn, NY
- 125th Street and Lenox Avenue, NYC VCP, New York, NY
- Whitehead Realty Solvent Site, Inactive Hazardous Waste site, CVOC Investigation and Remediation, Brooklyn, NY
- SunCap Property Group Environmental On-Call Consulting, Various Locations, Nationwide
- Consolidated Edison Company of New York, Underground Storage Tank On-Call Contract, Five Boroughs of New York City, NY
- Consolidated Edison Company of New York, Appendix B Spill Sites On-Call Contract, Five Boroughs of New York City, NY
- Meeker Avenue Plume Trackdown Site, Brooklyn, NY
- Distribution Facility, Superfund Redevelopment, Long Island City, NY
- Edison Properties, West 17th Street Development Site (Former MGP Site), New York, NY
- Con Edison on Governors Island, Dielectric Fluid Spill, Investigation and Remediation, New York, NY
- 144-150 Barrow Street, NYS Brownfield Cleanup Program, New York, NY
- West 17th Street Development, NYS Brownfield Cleanup Program, MGP Investigation and Remediation, New York, NY
- Montefiore Medical Center, Emergency Response, PCB Remediation, Bronx, NY
- New York University, 4 Washington Square Village Fuel Oil Remediation, New York, NY
- NYCSCA, Proposed New York City School Construction Sites, Five Boroughs of New York City, NY
- Con Edison, East 60th Street Generating Station, New York, NY
- Residential Building at 82 Irving Place, Environmental Remediation, New York, NY
- 1113 York Avenue, Storage Tank Closures, New York, NY
- Peter Cooper Village/Stuyvesant Town, Phase I ESA, New York, NY
- Superior Ink, Waste Characterization and Remedial Action Plans, New York, NY
- Bronx Mental Health Redevelopment Project, Phase I ESA, Bronx, NY
- 2950 Atlantic Avenue, Site Characterization Investigation, Brooklyn, NY
- Con Edison, East 74th Street Generating Station, Sediment Investigation, New York, NY
- Con Edison, First Avenue Properties, New York, NY
- Queens West Development Corp. Stage II, Long Island City, NY
- Article X Project Environmental Reviews, Various New York State Electrical Generation Sites, NY
- Poletti Generating Station, Astoria, NY
- Arthur Kill Generating Station, Staten Island, NY

- Distribution Facility, Phase I & Phase II ESA and Regulatory Compliance, Bohemia, NY
- Huntington Station Superfund Due Diligence, Huntington Station, NY
- Garvies Point Bulkhead, Glen Cove, NY
- Johnson & Hoffman Metal Stamping Facility, Environmental Compliance, Carle Place, NY
- Floral Park Storage Facility, Phase I and Phase II ESA
- Garden City Phase I ESAs at two sites, including part of a Superfund Site, Garden City, NY
- Huntington Station Storage Facility, Phase I and II ESA, Huntington Station, NY
- Trevor Day School, NYS Spill Site Expert Testimony, New York, NY
- 320 West Fordham Road, Bronx, NY
- Bedford Union Armory, NYS Brownfield Cleanup Program, Brooklyn, NY

SELECTED PUBLICATIONS, REPORTS, AND PRESENTATIONS

Burke, M., Ciambruschini, S., Nicholls, G., Tashji, A., Vaidya, S., "Redeveloping a Remediated MGP Site", MGP Symposium 2019, Atlantic City, NJ.

PAUL MCMAHON, PE

SENIOR PROJECT MANAGER

ENVIRONMENTAL ENGINEERING

Mr. McMahon is an environmental engineer working in the NY Metro area. He has experience with projects in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), Voluntary Cleanup Program (VCP) and Spill Programs, and New York City Office of Environmental Remediation (NYCOER) "E" Designated and VCP sites. His field experience includes conducting Phase II Environmental Site Investigations (ESI), remedial investigations, and indoor air quality analysis Investigations, and performing remediation oversight. Mr. McMahon's most recent experience includes the preparation of investigation reports and investigation work plans, management of NYSDEC BCP remediation projects and NYSDEC spill remediation projects, design of submembrane depressurization systems, and development of remediation work plans.



EDUCATION

M.E., Environmental Engineering
Manhattan College

B.S., Civil Engineering
Washington University in St. Louis

PROFESSIONAL REGISTRATION

Professional Engineer (PE) in NY

10-Hour OSHA

40-Hour OSHA HAZWOPER

SELECTED PROJECTS

- 55 Bank Street, NYSDEC BCP Site Remediation Project Management,
  White Plains, NY
- 23-01 42nd Road, NYSDEC BCP Site Remediation Oversight and Project Management, Long Island City, NY
- 23-10 Queens Plaza South, NYSDEC BCP Remedial Investigation Report, Interim Remedial Measures Work Plan, and Remediation Project Management, Long Island City, NY
- Brooklyn Navy Yard Dock 72, Management of Environmental Oversight in Accordance with NYSDEC VCP Site Management Plan, Brooklyn, NY
- Purves Street Development, Tall Residential Building, Phase II ESI/NYSDEC BCP Remedial Investigation, Remedial Action Work Plan, and Site Remediation Project Management, Long Island City, NY
- 27-21 44th Drive, NYSDEC BCP Site Remediation Project Management, Long Island City, NY
- NYU Tandon School of Engineering, NYSDEC Spill Investigation and Remediation Project Management, Brooklyn, NY
- Parcel B West, East Harlem, Affordable Housing Development, NYSDEC BCP Remedial Investigation, Remedial Action Work Plan, and Site Remediation Project Management, New York, NY
- 267-273 West 87th Street, NYSDEC BCP Remedial Investigation and Remedial Action Work Plan, and Site Remediation Project Management, New York, NY
- DuPont-Stauffer Landfill, NYSDEC Superfund Site, Site Management Plan Compliance, Newburgh, NY
- 190 Riverside Drive, Fuel Oil Spill Emergency Response, Site Investigation, and Remediation, New York, NY
- 473 President Street, NYSDEC BCP Remedial Investigation, Interim Remedial Measures, Project Management, Brooklyn, NY

- 175-225 3rd Street, NYSDEC BCP Remedial Investigation, Project Management, Brooklyn, NY
- 322 West 57th Street, Sheffield Building Oversight of Emergency Spill Response, New York, NY
- Hudson Yards Terra Firma and Hudson Yards Platform, Construction Oversight and Community Air Monitoring Program, New York, NY
- Columbia University Manhattanville Redevelopment, Remediation Oversight and Community Air Monitoring Program, New York, NY

JOSEPH CONBOY

STAFF CHEMIST

ENVIRONMNETAL

Mr. Conboy has seven years of environmental chemistry, quality assurance, and environmental database management experience, with a current emphasis on validation of laboratory data for submittal to NJDEP via the New Jersey Data of Known Quality Protocols and to NYSDEC. Previous work experience includes performing validation of data for projects in USEPA Regions 2 and 3 while employing appropriate validation guidelines for each region, managing large data sets, updating appropriate regulatory limits, performing statistical evaluations, and preparing electronic data deliverables and report deliverables using the Earthsoft EQuIS database program, and acted as an intermediary between project managers, field staff, and laboratories. Mr. Conboy also has experience in field sampling techniques and maintains current OSHA HAZWOPER certification.



EDUCATION

B.Sc., Chemistry with a minor in Mathematics
Rowan University

CERTIFICATIONS & TRAINING

OSHA 40-Hour HAZWOPER 29 CFR 1910.120(e)(4) Certification

NJ Analytical Guidance and Data Usability Training

USEPA Data Validation Training

Earthsoft EQuIS Environmental Database Training

SELECTED PROJECTS

- 1400 Ferris, Bronx, NY – Completed validation of soil and groundwater data and prepared the Data Usability Summary Report for submittal to NYSDEC. USEPA Region II guidelines, with aide from National Functional Guidelines, were employed to perform validation of VOCs and SVOCs including 1,4-dioxane, and tangentially used based on professional judgment to perform validation of PFAS data.
- Broome Street Parking Lot, NY - Completed validation of waste characterization data and prepared the Data Usability Summary Report for submittal to NYSDEC. USEPA Region II guidelines, with aide from National Functional Guidelines, were employed to perform validation of VOCs, SVOCs, herbicides, PCBs, pesticides, metals including mercury, ignitability temperature, pH, reactive cyanide, reactive sulfide, cyanide, and hexavalent chromium. Toxicity characteristic leachate procedure extraction data for VOCs, SVOCs, herbicides, pesticides, metals, and mercury were also validated.
- 215 North 10th Street, Brooklyn, NY - Completed validation of soil and groundwater data and prepared the Data Usability Summary Report for submittal to NYSDEC. USEPA Region II guidelines, with aide from National Functional Guidelines, were employed to perform validation of VOC, SVOC, SVOC SIM, herbicide, PCB, pesticide, metals, mercury, cyanide, hexavalent chromium, trivalent chromium data.
- 35 Commercial Street, Brooklyn, NY - Completed validation of soil data and prepared the Data Usability Summary Report for submittal to NYSDEC. USEPA Region II guidelines, with aide from National Functional Guidelines, were employed to perform validation of VOC, SVOC, SVOC SIM, herbicide, PCB, pesticide, metals, mercury, cyanide, hexavalent chromium, trivalent chromium data, and tangentially used based on professional judgment to perform validation of PFAS data.
- Suffolk Street, Lower East Side, NY- Completed validation of soil, groundwater, and soil vapor data and prepared the Data Usability Summary Report for submittal to NYSDEC. USEPA Region II

guidelines, with aide from National Functional Guidelines, were employed to perform validation of VOC, VOCs by USEPA TO-15, SVOC, SVOC SIM, herbicide, PCB, pesticide, metals, mercury, cyanide, hexavalent chromium, trivalent chromium data, and tangentially used based on professional judgment to perform validation of PFAS data.

- Managed a database for a confidential client containing 10+ years of environmental chemical data from multiple laboratories, requiring select data validation in accordance with New Jersey Data of Known Quality Protocols and identifying areas of delineation from historic field information. Once identified, NJDEP designated groundwater, surface water, soil, sediment, soil vapor, and custom screening criteria were researched and applied to each area, requiring individualized flagging for reporting.*
- Prepared the New Jersey Data of Known Quality Protocol Data Usability Evaluation and managed the database for a confidential client for a data set greater than 20 years old. A DUE or any validation effort was not prepared in the 20 years prior to current. This included data from variations of methods for volatile organic compounds, semivolatile organic compounds, total and dissolved metals, pesticides, herbicides, natural attenuation parameters, and per- and polyfluoroalkyl substances in multiple media.*
- Performed 200+ Stage 2a validations for a combined 87-acre USEPA designated Corrective Action site under the Resource Conservation and Recovery Act, including a quick-turn USEPA required PCB by soxhlet extraction investigation across multiple plants. Once a former train car painting facility, USEPA required a quick-turn PCB by soxhlet extraction soil investigation.
- Preparation of a quality assurance program for a confidential client in West Virginia. A quick turn QAPP was prepared in a service location new to the consultant, resulting in research into state requirements for data usability and auditing newly employed laboratories. The QAPP was understood to be prepared for groundwater only, but the client did not reveal the need for sediment and soil. Two QAPPs were submitted for review to governing agencies.*
- Used statistical software to determine a localized background upper confidence limit of chromium for a confidential client's sand and gravel site. Validation was used to confirm laboratory procedures, and data was used in ProUCL calculations to compare to researched background chromium levels for Pennsylvania soils. *
- Prepared daily perimeter dust and air monitoring summaries and validation of low level mirex data for a confidential client's superfund site. Low level mirex data was generated by university laboratories and subject to validation following national functional guidelines to aide in river clean-up, including sediment, surface water, and treatment system water matrices.*

**Project completed prior to employment at LANGAN.*

ATTACHMENT B

LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

ATTACHMENT B

SOIL SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
Volatile Organic Compounds					
EPA 8260C/5035	Soil	1,1,1,2-Tetrachloroethane	0.001	0.000318	mg/kg
EPA 8260C/5035	Soil	1,1,1-Trichloroethane	0.001	0.0001108	mg/kg
EPA 8260C/5035	Soil	1,1,2,2-Tetrachloroethane	0.001	0.0001008	mg/kg
EPA 8260C/5035	Soil	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.02	0.000274	mg/kg
EPA 8260C/5035	Soil	1,1,2-Trichloroethane	0.0015	0.000304	mg/kg
EPA 8260C/5035	Soil	1,1-Dichloroethane	0.0015	0.0000856	mg/kg
EPA 8260C/5035	Soil	1,1-Dichloroethene	0.001	0.000262	mg/kg
EPA 8260C/5035	Soil	1,1-Dichloropropene	0.005	0.0001414	mg/kg
EPA 8260C/5035	Soil	1,2,3-Trichlorobenzene	0.005	0.0001476	mg/kg
EPA 8260C/5035	Soil	1,2,3-Trichloropropane	0.01	0.0001626	mg/kg
EPA 8260C/5035	Soil	1,2,4,5-Tetramethylbenzene	0.004	0.0001302	mg/kg
EPA 8260C/5035	Soil	1,2,4-Trichlorobenzene	0.005	0.0001818	mg/kg
EPA 8260C/5035	Soil	1,2,4-Trimethylbenzene	0.005	0.0001414	mg/kg
EPA 8260C/5035	Soil	1,2-Dibromo-3-chloropropane	0.005	0.000396	mg/kg
EPA 8260C/5035	Soil	1,2-Dibromoethane	0.004	0.0001744	mg/kg
EPA 8260C/5035	Soil	1,2-Dichlorobenzene	0.005	0.0001532	mg/kg
EPA 8260C/5035	Soil	1,2-Dichloroethane	0.001	0.0001134	mg/kg
EPA 8260C/5035	Soil	1,2-Dichloropropane	0.0035	0.000228	mg/kg
EPA 8260C/5035	Soil	1,3,5-Trimethylbenzene	0.005	0.0001434	mg/kg
EPA 8260C/5035	Soil	1,3-Dichlorobenzene	0.005	0.000135	mg/kg
EPA 8260C/5035	Soil	1,3-Dichloropropane	0.005	0.0001452	mg/kg
EPA 8260C/5035	Soil	1,4-Dichlorobenzene	0.005	0.0001384	mg/kg
EPA 8260C/5035	Soil	1,4-Diethylbenzene	0.004	0.0001598	mg/kg
EPA 8260C/5035	Soil	1,4-Dioxane	0.1	0.01442	mg/kg
EPA 8260C/5035	Soil	2,2-Dichloropropane	0.005	0.000226	mg/kg
EPA 8260C/5035	Soil	2-Butanone	0.01	0.000272	mg/kg
EPA 8260C/5035	Soil	2-Hexanone	0.01	0.000666	mg/kg
EPA 8260C/5035	Soil	4-Ethyltoluene	0.004	0.000124	mg/kg
EPA 8260C/5035	Soil	4-Methyl-2-pentanone	0.01	0.000244	mg/kg
EPA 8260C/5035	Soil	Acetone	0.01	0.001036	mg/kg
EPA 8260C/5035	Soil	Acrolein	0.025	0.00806	mg/kg
EPA 8260C/5035	Soil	Acrylonitrile	0.01	0.000514	mg/kg
EPA 8260C/5035	Soil	Benzene	0.001	0.000118	mg/kg
EPA 8260C/5035	Soil	Bromobenzene	0.005	0.000208	mg/kg
EPA 8260C/5035	Soil	Bromochloromethane	0.005	0.000276	mg/kg
EPA 8260C/5035	Soil	Bromodichloromethane	0.001	0.0001732	mg/kg
EPA 8260C/5035	Soil	Bromoform	0.004	0.000236	mg/kg
EPA 8260C/5035	Soil	Bromomethane	0.002	0.000338	mg/kg
EPA 8260C/5035	Soil	Carbon disulfide	0.01	0.001102	mg/kg
EPA 8260C/5035	Soil	Carbon tetrachloride	0.001	0.00021	mg/kg
EPA 8260C/5035	Soil	Chlorobenzene	0.001	0.000348	mg/kg
EPA 8260C/5035	Soil	Chloroethane	0.002	0.000316	mg/kg
EPA 8260C/5035	Soil	Chloroform	0.0015	0.00037	mg/kg
EPA 8260C/5035	Soil	Chloromethane	0.005	0.000294	mg/kg
EPA 8260C/5035	Soil	cis-1,2-Dichloroethene	0.001	0.0001428	mg/kg
EPA 8260C/5035	Soil	cis-1,3-Dichloropropene	0.001	0.0001176	mg/kg
EPA 8260C/5035	Soil	Cyclohexane	0.02	0.000146	mg/kg
EPA 8260C/5035	Soil	Dibromochloromethane	0.001	0.0001536	mg/kg
EPA 8260C/5035	Soil	Dibromomethane	0.01	0.0001636	mg/kg
EPA 8260C/5035	Soil	Dichlorodifluoromethane	0.01	0.0001908	mg/kg
EPA 8260C/5035	Soil	Ethyl ether	0.005	0.00026	mg/kg
EPA 8260C/5035	Soil	Ethylbenzene	0.001	0.0001274	mg/kg
EPA 8260C/5035	Soil	Hexachlorobutadiene	0.005	0.000228	mg/kg
EPA 8260C/5035	Soil	Isopropylbenzene	0.001	0.0001038	mg/kg
EPA 8260C/5035	Soil	Methyl Acetate	0.02	0.00027	mg/kg
EPA 8260C/5035	Soil	Methyl cyclohexane	0.004	0.0001546	mg/kg
EPA 8260C/5035	Soil	Methyl tert butyl ether	0.002	0.0000844	mg/kg
EPA 8260C/5035	Soil	Methylene chloride	0.01	0.001104	mg/kg
EPA 8260C/5035	Soil	Naphthalene	0.005	0.0001384	mg/kg
EPA 8260C/5035	Soil	n-Butylbenzene	0.001	0.0001148	mg/kg
EPA 8260C/5035	Soil	n-Propylbenzene	0.001	0.0001092	mg/kg
EPA 8260C/5035	Soil	o-Chlorotoluene	0.005	0.0001598	mg/kg
EPA 8260C/5035	Soil	o-Xylene	0.002	0.0001718	mg/kg
EPA 8260C/5035	Soil	p/m-Xylene	0.002	0.0001978	mg/kg
EPA 8260C/5035	Soil	p-Chlorotoluene	0.005	0.0001328	mg/kg
EPA 8260C/5035	Soil	p-Isopropyltoluene	0.001	0.000125	mg/kg
EPA 8260C/5035	Soil	sec-Butylbenzene	0.001	0.000122	mg/kg
EPA 8260C/5035	Soil	Styrene	0.002	0.000402	mg/kg
EPA 8260C/5035	Soil	tert-Butyl Alcohol	0.06	0.00292	mg/kg
EPA 8260C/5035	Soil	tert-Butylbenzene	0.005	0.0001354	mg/kg
EPA 8260C/5035	Soil	Tetrachloroethene	0.001	0.0001402	mg/kg
EPA 8260C/5035	Soil	Toluene	0.0015	0.0001948	mg/kg
EPA 8260C/5035	Soil	trans-1,2-Dichloroethene	0.0015	0.000212	mg/kg
EPA 8260C/5035	Soil	trans-1,3-Dichloropropene	0.001	0.0001208	mg/kg
EPA 8260C/5035	Soil	trans-1,4-Dichloro-2-butene	0.005	0.000392	mg/kg
EPA 8260C/5035	Soil	Trichloroethene	0.001	0.000125	mg/kg
EPA 8260C/5035	Soil	Trichlorofluoromethane	0.005	0.000388	mg/kg
EPA 8260C/5035	Soil	Vinyl acetate	0.01	0.0001322	mg/kg
EPA 8260C/5035	Soil	Vinyl chloride	0.002	0.0001174	mg/kg
EPA 8260C/5035	Soil	Xylenes, Total	0.002	0.0001978	mg/kg

ATTACHMENT B

SOIL SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
Semivolatile Organic Compounds					
EPA 8270D	Soil	1,2,4,5-Tetrachlorobenzene	0.1665	0.0515817	mg/kg
EPA 8270D	Soil	1,2,4-Trichlorobenzene	0.1665	0.0545787	mg/kg
EPA 8270D	Soil	1,2-Dichlorobenzene	0.1665	0.0546453	mg/kg
EPA 8270D	Soil	1,3-Dichlorobenzene	0.1665	0.0524808	mg/kg
EPA 8270D	Soil	1,4-Dichlorobenzene	0.1665	0.050616	mg/kg
EPA 8270D	Soil	2,3,4,6-Tetrachlorophenol	0.1665	0.028305	mg/kg
EPA 8270D	Soil	2,4,5-Trichlorophenol	0.1665	0.053946	mg/kg
EPA 8270D	Soil	2,4,6-Trichlorophenol	0.0999	0.0314019	mg/kg
EPA 8270D	Soil	2,4-Dichlorophenol	0.14985	0.053946	mg/kg
EPA 8270D	Soil	2,4-Dimethylphenol	0.1665	0.049617	mg/kg
EPA 8270D	Soil	2,4-Dinitrophenol	0.7992	0.227772	mg/kg
EPA 8270D	Soil	2,4-Dinitrotoluene	0.1665	0.0359307	mg/kg
EPA 8270D	Soil	2,6-Dinitrotoluene	0.1665	0.042624	mg/kg
EPA 8270D	Soil	2-Chloronaphthalene	0.1665	0.054279	mg/kg
EPA 8270D	Soil	2-Chlorophenol	0.1665	0.050283	mg/kg
EPA 8270D	Soil	2-Methylnaphthalene	0.1998	0.0531801	mg/kg
EPA 8270D	Soil	2-Methylphenol	0.1665	0.053613	mg/kg
EPA 8270D	Soil	2-Nitroaniline	0.1665	0.046953	mg/kg
EPA 8270D	Soil	2-Nitrophenol	0.35964	0.051948	mg/kg
EPA 8270D	Soil	3,3'-Dichlorobenzidine	0.1665	0.044289	mg/kg
EPA 8270D	Soil	3-Methylphenol/4-Methylphenol	0.23976	0.054612	mg/kg
EPA 8270D	Soil	3-Nitroaniline	0.1665	0.045954	mg/kg
EPA 8270D	Soil	4,6-Dinitro-o-cresol	0.4329	0.060939	mg/kg
EPA 8270D	Soil	4-Bromophenyl phenyl ether	0.1665	0.038295	mg/kg
EPA 8270D	Soil	4-Chloroaniline	0.1665	0.043956	mg/kg
EPA 8270D	Soil	4-Chlorophenyl phenyl ether	0.1665	0.0506493	mg/kg
EPA 8270D	Soil	4-Nitroaniline	0.1665	0.044955	mg/kg
EPA 8270D	Soil	4-Nitrophenol	0.2331	0.053946	mg/kg
EPA 8270D	Soil	Acenaphthene	0.1332	0.034299	mg/kg
EPA 8270D	Soil	Acenaphthylene	0.1332	0.0311355	mg/kg
EPA 8270D	Soil	Acetophenone	0.1665	0.051615	mg/kg
EPA 8270D	Soil	Anthracene	0.0999	0.0277056	mg/kg
EPA 8270D	Soil	Atrazine	0.1332	0.0377289	mg/kg
EPA 8270D	Soil	Azobenzene	0.1665	0.044622	mg/kg
EPA 8270D	Soil	Benzaldehyde	0.21978	0.067266	mg/kg
EPA 8270D	Soil	Benzidine	0.54945	0.130203	mg/kg
EPA 8270D	Soil	Benzo(a)anthracene	0.0999	0.0326007	mg/kg
EPA 8270D	Soil	Benzo(a)pyrene	0.1332	0.0407259	mg/kg
EPA 8270D	Soil	Benzo(b)fluoranthene	0.0999	0.033633	mg/kg
EPA 8270D	Soil	Benzo(ghi)perylene	0.1332	0.034632	mg/kg
EPA 8270D	Soil	Benzo(k)fluoranthene	0.0999	0.0317682	mg/kg
EPA 8270D	Soil	Benzoic Acid	0.53946	0.168498	mg/kg
EPA 8270D	Soil	Benzyl Alcohol	0.1665	0.051282	mg/kg
EPA 8270D	Soil	Biphenyl	0.37962	0.0549117	mg/kg
EPA 8270D	Soil	Bis(2-chloroethoxy)methane	0.17982	0.0504162	mg/kg
EPA 8270D	Soil	Bis(2-chloroethyl)ether	0.14985	0.0466866	mg/kg
EPA 8270D	Soil	Bis(2-chloroisopropyl)ether	0.1998	0.058608	mg/kg
EPA 8270D	Soil	Bis(2-Ethylhexyl)phthalate	0.1665	0.043623	mg/kg
EPA 8270D	Soil	Butyl benzyl phthalate	0.1665	0.0325341	mg/kg
EPA 8270D	Soil	Caprolactam	0.1665	0.045954	mg/kg
EPA 8270D	Soil	Carbazole	0.1665	0.0357975	mg/kg
EPA 8270D	Soil	Chrysene	0.0999	0.0327006	mg/kg
EPA 8270D	Soil	Dibenzo(a,h)anthracene	0.0999	0.0322344	mg/kg
EPA 8270D	Soil	Dibenzofuran	0.1665	0.0555777	mg/kg
EPA 8270D	Soil	Diethyl phthalate	0.1665	0.0351981	mg/kg
EPA 8270D	Soil	Dimethyl phthalate	0.1665	0.042291	mg/kg
EPA 8270D	Soil	Di-n-butylphthalate	0.1665	0.0321345	mg/kg
EPA 8270D	Soil	Di-n-octylphthalate	0.1665	0.040959	mg/kg
EPA 8270D	Soil	Fluoranthene	0.0999	0.0305694	mg/kg
EPA 8270D	Soil	Fluorene	0.1665	0.0477189	mg/kg
EPA 8270D	Soil	Hexachlorobenzene	0.0999	0.0310356	mg/kg
EPA 8270D	Soil	Hexachlorobutadiene	0.1665	0.046953	mg/kg
EPA 8270D	Soil	Hexachlorocyclopentadiene	0.47619	0.106893	mg/kg
EPA 8270D	Soil	Hexachloroethane	0.1332	0.0302697	mg/kg
EPA 8270D	Soil	Indeno(1,2,3-cd)Pyrene	0.1332	0.036963	mg/kg
EPA 8270D	Soil	Isophorone	0.14985	0.044289	mg/kg
EPA 8270D	Soil	Naphthalene	0.1665	0.055278	mg/kg
EPA 8270D	Soil	Nitrobenzene	0.14985	0.039627	mg/kg
EPA 8270D	Soil	NitrosoDiPhenylAmine(NDPA)/DPA	0.1332	0.034965	mg/kg
EPA 8270D	Soil	n-Nitrosodimethylamine	0.333	0.0539127	mg/kg
EPA 8270D	Soil	n-Nitrosodi-n-propylamine	0.1665	0.049617	mg/kg
EPA 8270D	Soil	P-Chloro-M-Cresol	0.1665	0.048285	mg/kg
EPA 8270D	Soil	Pentachlorophenol	0.1332	0.035631	mg/kg
EPA 8270D	Soil	Phenanthrene	0.0999	0.0325674	mg/kg
EPA 8270D	Soil	Phenol	0.1665	0.049284	mg/kg
EPA 8270D	Soil	Pyrene	0.0999	0.0323676	mg/kg

ATTACHMENT B

SOIL SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
		Pesticides			
EPA 8081B	Soil	4,4'-DDD	0.007992	0.00285048	mg/kg
EPA 8081B	Soil	4,4'-DDE	0.007992	0.00184815	mg/kg
EPA 8081B	Soil	4,4'-DDT	0.014985	0.0064269	mg/kg
EPA 8081B	Soil	Aldrin	0.007992	0.00281385	mg/kg
EPA 8081B	Soil	Alpha-BHC	0.00333	0.00094572	mg/kg
EPA 8081B	Soil	Beta-BHC	0.007992	0.0030303	mg/kg
EPA 8081B	Soil	Chlordane	0.064935	0.0264735	mg/kg
EPA 8081B	Soil	cis-Chlordane	0.00999	0.00278388	mg/kg
EPA 8081B	Soil	Delta-BHC	0.007992	0.0015651	mg/kg
EPA 8081B	Soil	Dieldrin	0.004995	0.0024975	mg/kg
EPA 8081B	Soil	Endosulfan I	0.007992	0.00188811	mg/kg
EPA 8081B	Soil	Endosulfan II	0.007992	0.00267066	mg/kg
EPA 8081B	Soil	Endosulfan sulfate	0.00333	0.00158508	mg/kg
EPA 8081B	Soil	Endrin	0.00333	0.0013653	mg/kg
EPA 8081B	Soil	Endrin aldehyde	0.00999	0.0034965	mg/kg
EPA 8081B	Soil	Endrin ketone	0.007992	0.00205794	mg/kg
EPA 8081B	Soil	Heptachlor	0.003996	0.00179154	mg/kg
EPA 8081B	Soil	Heptachlor epoxide	0.014985	0.0044955	mg/kg
EPA 8081B	Soil	Lindane	0.00333	0.00148851	mg/kg
EPA 8081B	Soil	Methoxychlor	0.014985	0.004662	mg/kg
EPA 8081B	Soil	Toxaphene	0.14985	0.041958	mg/kg
EPA 8081B	Soil	trans-Chlordane	0.00999	0.00263736	mg/kg
		Polychlorinated Biphenyls			
EPA 8082A	Soil	Aroclor 1016	0.0335	0.0026465	mg/kg
EPA 8082A	Soil	Aroclor 1221	0.0335	0.0030887	mg/kg
EPA 8082A	Soil	Aroclor 1232	0.0335	0.0039262	mg/kg
EPA 8082A	Soil	Aroclor 1242	0.0335	0.0041004	mg/kg
EPA 8082A	Soil	Aroclor 1248	0.0335	0.0028274	mg/kg
EPA 8082A	Soil	Aroclor 1254	0.0335	0.0027537	mg/kg
EPA 8082A	Soil	Aroclor 1260	0.0335	0.0025527	mg/kg
EPA 8082A	Soil	Aroclor 1262	0.0335	0.0016616	mg/kg
EPA 8082A	Soil	Aroclor 1268	0.0335	0.0048575	mg/kg
EPA 8082A	Soil	Total PCBs	0.0335	0.0016616	mg/kg
		Herbicides			
EPA 8151A	Soil	2,4-D	0.1665	0.0051615	mg/kg
EPA 8151A	Soil	2,4,5-TP (Silvex)	0.1665	0.0044289	mg/kg
EPA 8151A	Soil	2,4,5-T	0.1665	0.0104895	mg/kg
		Metals			
EPA 6010C	Soil	Aluminum	4	0.8	mg/kg
EPA 6010C	Soil	Antimony	2	0.32	mg/kg
EPA 6010C	Soil	Arsenic	0.4	0.08	mg/kg
EPA 6010C	Soil	Barium	0.4	0.12	mg/kg
EPA 6010C	Soil	Beryllium	0.2	0.04	mg/kg
EPA 6010C	Soil	Cadmium	0.4	0.028	mg/kg
EPA 6010C	Soil	Calcium	4	1.2	mg/kg
EPA 6010C	Soil	Chromium	0.4	0.08	mg/kg
EPA 7196A	Soil	Hexvalent Chromium	0.8	0.16	mg/kg
EPA 6010C	Soil	Cobalt	0.8	0.2	mg/kg
EPA 6010C	Soil	Copper	0.4	0.08	mg/kg
EPA 6010C	Soil	Iron	2	0.8	mg/kg
EPA 6010C	Soil	Lead	2	0.08	mg/kg
EPA 6010C	Soil	Magnesium	4	0.4	mg/kg
EPA 6010C	Soil	Manganese	0.4	0.08	mg/kg
EPA 7473	Soil	Mercury	0.08	0.016896	mg/kg
EPA 6010C	Soil	Nickel	1	0.16	mg/kg
EPA 6010C	Soil	Potassium	100	16	mg/kg
EPA 6010C	Soil	Selenium	0.8	0.12	mg/kg
EPA 6010C	Soil	Silver	0.4	0.08	mg/kg
EPA 6010C	Soil	Sodium	80	12	mg/kg
EPA 6010C	Soil	Thallium	0.8	0.16	mg/kg
EPA 6010C	Soil	Vanadium	0.4	0.04	mg/kg
EPA 6010C	Soil	Zinc	2	0.28	mg/kg
		PFAS Compounds			
EPA 537 Rev 1.15	Soil	Perfluorobutanoic Acid (PFBA)	0.5	0.0227	ng/g
EPA 537 Rev 1.15	Soil	Perfluoropentanoic Acid (PFPeA)	0.5	0.046	ng/g
EPA 537 Rev 1.15	Soil	Perfluorobutanesulfonic Acid (PFBS)	0.25	0.039	ng/g
EPA 537 Rev 1.15	Soil	Perfluorohexanoic Acid (PFHxA)	0.5	0.0525	ng/g
EPA 537 Rev 1.15	Soil	Perfluoroheptanoic Acid (PFHpA)	0.25	0.0451	ng/g
EPA 537 Rev 1.15	Soil	Perfluorohexanesulfonic Acid (PFHxS)	0.25	0.0605	ng/g
EPA 537 Rev 1.15	Soil	Perfluorooctanoic Acid (PFOA)	0.25	0.0419	ng/g
EPA 537 Rev 1.15	Soil	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.5	0.1795	ng/g
EPA 537 Rev 1.15	Soil	Perfluoroheptanesulfonic Acid (PFHpS)	0.5	0.1365	ng/g
EPA 537 Rev 1.15	Soil	Perfluorononanoic Acid (PFNA)	0.25	0.075	ng/g
EPA 537 Rev 1.15	Soil	Perfluorooctanesulfonic Acid (PFOS)	0.25	0.13	ng/g
EPA 537 Rev 1.15	Soil	Perfluorodecanoic Acid (PFDA)	0.25	0.067	ng/g
EPA 537 Rev 1.15	Soil	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.5	0.287	ng/g
EPA 537 Rev 1.15	Soil	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.5	0.2015	ng/g
EPA 537 Rev 1.15	Soil	Perfluoroundecanoic Acid (PFUnA)	0.5	0.0468	ng/g
EPA 537 Rev 1.15	Soil	Perfluorodecanesulfonic Acid (PFDS)	0.5	0.153	ng/g
EPA 537 Rev 1.15	Soil	Perfluorooctanesulfonamide (FOSA)	0.5	0.098	ng/g
EPA 537 Rev 1.15	Soil	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.5	0.0845	ng/g
EPA 537 Rev 1.15	Soil	Perfluorododecanoic Acid (PFDoA)	0.5	0.07	ng/g
EPA 537 Rev 1.15	Soil	Perfluorotridecanoic Acid (PFTrDA)	0.5	0.2045	ng/g
EPA 537 Rev 1.15	Soil	Perfluorotetradecanoic Acid (PFTA)	0.5	0.054	ng/g

ATTACHMENT B

GROUNDWATER SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
Volatile Organic Compounds					
EPA 8260C	Groundwater	1,1,1,2-Tetrachloroethane	0.5	0.164	ug/L
EPA 8260C	Groundwater	1,1,1-Trichloroethane	0.5	0.158	ug/L
EPA 8260C	Groundwater	1,1,2,2-Tetrachloroethane	0.5	0.144	ug/L
EPA 8260C	Groundwater	1,1,2-Trichloro-1,2,2-Trifluoroethane	10	0.148	ug/L
EPA 8260C	Groundwater	1,1,2-Trichloroethane	0.75	0.144	ug/L
EPA 8260C	Groundwater	1,1-Dichloroethane	0.75	0.21	ug/L
EPA 8260C	Groundwater	1,1-Dichloroethene	0.5	0.142	ug/L
EPA 8260C	Groundwater	1,1-Dichloropropene	2.5	0.173	ug/L
EPA 8260C	Groundwater	1,2,3-Trichlorobenzene	2.5	0.234	ug/L
EPA 8260C	Groundwater	1,2,3-Trichloropropane	5	0.176	ug/L
EPA 8260C	Groundwater	1,2,4,5-Tetramethylbenzene	2	0.542	ug/L
EPA 8260C	Groundwater	1,2,4-Trichlorobenzene	2.5	0.22	ug/L
EPA 8260C	Groundwater	1,2,4-Trimethylbenzene	2.5	0.191	ug/L
EPA 8260C	Groundwater	1,2-Dibromo-3-chloropropane	2.5	0.327	ug/L
EPA 8260C	Groundwater	1,2-Dibromoethane	2	0.193	ug/L
EPA 8260C	Groundwater	1,2-Dichlorobenzene	2.5	0.184	ug/L
EPA 8260C	Groundwater	1,2-Dichloroethane	0.5	0.132	ug/L
EPA 8260C	Groundwater	1,2-Dichloropropane	1.75	0.133	ug/L
EPA 8260C	Groundwater	1,3,5-Trimethylbenzene	2.5	0.174	ug/L
EPA 8260C	Groundwater	1,3-Dichlorobenzene	2.5	0.186	ug/L
EPA 8260C	Groundwater	1,3-Dichloropropane	2.5	0.212	ug/L
EPA 8260C	Groundwater	1,4-Dichlorobenzene	2.5	0.187	ug/L
EPA 8260C	Groundwater	1,4-Diethylbenzene	2	0.392	ug/L
EPA 8260C	Groundwater	2,2-Dichloropropane	2.5	0.204	ug/L
EPA 8260C	Groundwater	2-Butanone	5	1.94	ug/L
EPA 8260C	Groundwater	2-Hexanone	5	0.515	ug/L
EPA 8260C	Groundwater	4-Ethyltoluene	2	0.34	ug/L
EPA 8260C	Groundwater	4-Methyl-2-pentanone	5	0.416	ug/L
EPA 8260C	Groundwater	Acetone	5	1.46	ug/L
EPA 8260C	Groundwater	Acrolein	5	0.633	ug/L
EPA 8260C	Groundwater	Acrylonitrile	5	0.43	ug/L
EPA 8260C	Groundwater	Benzene	0.5	0.159	ug/L
EPA 8260C	Groundwater	Bromobenzene	2.5	0.152	ug/L
EPA 8260C	Groundwater	Bromochloromethane	2.5	0.138	ug/L
EPA 8260C	Groundwater	Bromodichloromethane	0.5	0.192	ug/L
EPA 8260C	Groundwater	Bromoform	2	0.248	ug/L
EPA 8260C	Groundwater	Bromomethane	1	0.256	ug/L
EPA 8260C	Groundwater	Carbon disulfide	5	0.299	ug/L
EPA 8260C	Groundwater	Carbon tetrachloride	0.5	0.134	ug/L
EPA 8260C	Groundwater	Chlorobenzene	0.5	0.178	ug/L
EPA 8260C	Groundwater	Chloroethane	1	0.134	ug/L
EPA 8260C	Groundwater	Chloroform	0.75	0.162	ug/L
EPA 8260C	Groundwater	Chloromethane	2.5	0.176	ug/L
EPA 8260C	Groundwater	cis-1,2-Dichloroethene	0.5	0.187	ug/L
EPA 8260C	Groundwater	cis-1,3-Dichloropropene	0.5	0.144	ug/L
EPA 8260C	Groundwater	Cyclohexane	10	0.271	ug/L
EPA 8260C	Groundwater	Dibromochloromethane	0.5	0.149	ug/L
EPA 8260C	Groundwater	Dibromomethane	5	0.363	ug/L
EPA 8260C	Groundwater	Dichlorodifluoromethane	5	0.245	ug/L
EPA 8260C	Groundwater	Ethyl ether	2.5	0.15	ug/L
EPA 8260C	Groundwater	Ethylbenzene	0.5	0.168	ug/L
EPA 8260C	Groundwater	Hexachlorobutadiene	0.5	0.217	ug/L
EPA 8260C	Groundwater	Isopropylbenzene	0.5	0.187	ug/L
EPA 8260C	Groundwater	Methyl Acetate	10	0.234	ug/L
EPA 8260C	Groundwater	Methyl cyclohexane	10	0.396	ug/L
EPA 8260C	Groundwater	Methyl tert butyl ether	1	0.16	ug/L
EPA 8260C	Groundwater	Methylene chloride	3	0.289	ug/L
EPA 8260C	Groundwater	Naphthalene	2.5	0.216	ug/L
EPA 8260C	Groundwater	n-Butylbenzene	0.5	0.192	ug/L
EPA 8260C	Groundwater	n-Propylbenzene	0.5	0.173	ug/L
EPA 8260C	Groundwater	o-Chlorotoluene	2.5	0.17	ug/L
EPA 8260C	Groundwater	o-Xylene	1	0.33	ug/L
EPA 8260C	Groundwater	p/m-Xylene	1	0.332	ug/L
EPA 8260C	Groundwater	p-Chlorotoluene	2.5	0.185	ug/L
EPA 8260C	Groundwater	p-Isopropyltoluene	0.5	0.188	ug/L
EPA 8260C	Groundwater	sec-Butylbenzene	0.5	0.181	ug/L
EPA 8260C	Groundwater	Styrene	1	0.359	ug/L
EPA 8260C	Groundwater	tert-Butyl Alcohol	10	0.899	ug/L
EPA 8260C	Groundwater	tert-Butylbenzene	2.5	0.185	ug/L
EPA 8260C	Groundwater	Tetrachloroethene	0.5	0.181	ug/L
EPA 8260C	Groundwater	Toluene	0.75	0.161	ug/L
EPA 8260C	Groundwater	trans-1,2-Dichloroethene	0.75	0.163	ug/L
EPA 8260C	Groundwater	trans-1,3-Dichloropropene	0.5	0.164	ug/L
EPA 8260C	Groundwater	trans-1,4-Dichloro-2-butene	2.5	0.173	ug/L
EPA 8260C	Groundwater	Trichloroethene	0.5	0.175	ug/L
EPA 8260C	Groundwater	Trichlorofluoromethane	2.5	0.161	ug/L
EPA 8260C	Groundwater	Vinyl acetate	5	0.311	ug/L
EPA 8260C	Groundwater	Vinyl chloride	1	0.0699	ug/L
EPA 8260C	Groundwater	Xylenes, Total	1	0.33	ug/L

ATTACHMENT B

GROUNDWATER SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
Semivolatile Organic Compounds					
EPA 8270D	Groundwater	1,2,4,5-Tetrachlorobenzene	10	0.357	ug/L
EPA 8270D	Groundwater	1,2,4-Trichlorobenzene	5	0.21	ug/L
EPA 8270D	Groundwater	1,2-Dichlorobenzene	2	0.302	ug/L
EPA 8270D	Groundwater	1,3-Dichlorobenzene	2	0.35	ug/L
EPA 8270D	Groundwater	1,4-Dichlorobenzene	2	0.323	ug/L
EPA 8270D	Groundwater	2,3,4,6-Tetrachlorophenol	5	0.59	ug/L
EPA 8270D	Groundwater	2,4,5-Trichlorophenol	5	0.748	ug/L
EPA 8270D	Groundwater	2,4,6-Trichlorophenol	5	0.775	ug/L
EPA 8270D	Groundwater	2,4-Dichlorophenol	5	0.564	ug/L
EPA 8270D	Groundwater	2,4-Dimethylphenol	5	0.578	ug/L
EPA 8270D	Groundwater	2,4-Dinitrophenol	20	1.4081	ug/L
EPA 8270D	Groundwater	2,4-Dinitrotoluene	5	1.05	ug/L
EPA 8270D	Groundwater	2,6-Dinitrotoluene	5	0.89	ug/L
EPA 8270 SIM Isotope Dilution	Groundwater	1,4-Dioxane	0.35	0.075	ug/L
EPA 8270D	Groundwater	2-Chloronaphthalene	2	0.455	ug/L
EPA 8270D	Groundwater	2-Chlorophenol	2	0.58	ug/L
EPA 8270D	Groundwater	2-Methylnaphthalene	2	0.355	ug/L
EPA 8270D	Groundwater	2-Methylphenol	5	0.703	ug/L
EPA 8270D	Groundwater	2-Nitroaniline	5	0.956	ug/L
EPA 8270D	Groundwater	2-Nitrophenol	10	1.05	ug/L
EPA 8270D	Groundwater	3,3'-Dichlorobenzidine	5	0.478	ug/L
EPA 8270D	Groundwater	3-Methylphenol/4-Methylphenol	5	0.72	ug/L
EPA 8270D	Groundwater	3-Nitroaniline	5	0.668	ug/L
EPA 8270D	Groundwater	4,6-Dinitro-o-cresol	10	1.36	ug/L
EPA 8270D	Groundwater	4-Bromophenyl phenyl ether	2	0.428	ug/L
EPA 8270D	Groundwater	4-Chloroaniline	5	0.835	ug/L
EPA 8270D	Groundwater	4-Chlorophenyl phenyl ether	2	0.355	ug/L
EPA 8270D	Groundwater	4-Nitroaniline	5	0.83	ug/L
EPA 8270D	Groundwater	4-Nitrophenol	10	1.09	ug/L
EPA 8270D	Groundwater	Acenaphthene	2	0.284	ug/L
EPA 8270D	Groundwater	Acenaphthylene	2	0.372	ug/L
EPA 8270D	Groundwater	Acetophenone	5	0.428	ug/L
EPA 8270D	Groundwater	Anthracene	2	0.2	ug/L
EPA 8270D	Groundwater	Atrazine	10	0.794	ug/L
EPA 8270D	Groundwater	Azobenzene	2	0.537	ug/L
EPA 8270D	Groundwater	Benzaldehyde	5	0.986	ug/L
EPA 8270D	Groundwater	Benzidine	20	5.24	ug/L
EPA 8270D	Groundwater	Benzo(a)anthracene	2	0.323	ug/L
EPA 8270D	Groundwater	Benzo(a)pyrene	2	0.658	ug/L
EPA 8270D	Groundwater	Benzo(b)fluoranthene	2	0.371	ug/L
EPA 8270D	Groundwater	Benzo(ghi)perylene	2	0.574	ug/L
EPA 8270D	Groundwater	Benzo(k)fluoranthene	2	0.3	ug/L
EPA 8270D	Groundwater	Benzoic Acid	50	1.0104	ug/L
EPA 8270D	Groundwater	Benzyl Alcohol	2	0.677	ug/L
EPA 8270D	Groundwater	Biphenyl	2	0.237	ug/L
EPA 8270D	Groundwater	Bis(2-chloroethoxy)methane	5	0.596	ug/L
EPA 8270D	Groundwater	Bis(2-chloroethyl)ether	2	0.409	ug/L
EPA 8270D	Groundwater	Bis(2-chloroisopropyl)ether	2	0.597	ug/L
EPA 8270D	Groundwater	Bis(2-Ethylhexyl)phthalate	3	0.928	ug/L
EPA 8270D	Groundwater	Butyl benzyl phthalate	5	1.13	ug/L
EPA 8270D	Groundwater	Caprolactam	10	0.3895	ug/L
EPA 8270D	Groundwater	Carbazole	2	0.374	ug/L
EPA 8270D	Groundwater	Chrysene	2	0.304	ug/L
EPA 8270D	Groundwater	Dibenzo(a,h)anthracene	2	0.438	ug/L
EPA 8270D	Groundwater	Dibenzofuran	2	0.218	ug/L
EPA 8270D	Groundwater	Diethyl phthalate	5	0.393	ug/L
EPA 8270D	Groundwater	Dimethyl phthalate	5	0.333	ug/L
EPA 8270D	Groundwater	Di-n-butylphthalate	5	0.768	ug/L
EPA 8270D	Groundwater	Di-n-octylphthalate	5	1.2	ug/L
EPA 8270D	Groundwater	Fluoranthene	2	0.401	ug/L
EPA 8270D	Groundwater	Fluorene	2	0.32	ug/L
EPA 8270D	Groundwater	Hexachlorobenzene	2	0.396	ug/L
EPA 8270D	Groundwater	Hexachlorobutadiene	2	0.417	ug/L
EPA 8270D	Groundwater	Hexachlorocyclopentadiene	20	0.585	ug/L
EPA 8270D	Groundwater	Hexachloroethane	2	0.298	ug/L
EPA 8270D	Groundwater	Indeno(1,2,3-cd)Pyrene	2	0.433	ug/L
EPA 8270D	Groundwater	Isophorone	5	0.787	ug/L
EPA 8270D	Groundwater	Naphthalene	2	0.332	ug/L
EPA 8270D	Groundwater	Nitrobenzene	2	0.401	ug/L
EPA 8270D	Groundwater	NitrosoDiPhenylAmine(NDPA)/DPA	2	0.34	ug/L
EPA 8270D	Groundwater	n-Nitrosodimethylamine	2	0.498	ug/L
EPA 8270D	Groundwater	n-Nitrosodi-n-propylamine	5	0.645	ug/L
EPA 8270D	Groundwater	P-Chloro-M-Cresol	2	0.543	ug/L
EPA 8270D	Groundwater	Pentachlorophenol	10	3.22	ug/L
EPA 8270D	Groundwater	Phenanthrene	2	0.23	ug/L
EPA 8270D	Groundwater	Phenol	5	0.27	ug/L
EPA 8270D	Groundwater	Pyrene	2	0.524	ug/L
EPA 8270D-SIM	Groundwater	2-Chloronaphthalene	0.2	0.035	ug/L
EPA 8270D-SIM	Groundwater	2-Methylnaphthalene	0.2	0.045	ug/L
EPA 8270D-SIM	Groundwater	Acenaphthene	0.2	0.035	ug/L
EPA 8270D-SIM	Groundwater	Acenaphthylene	0.2	0.035	ug/L
EPA 8270D-SIM	Groundwater	Anthracene	0.2	0.035	ug/L
EPA 8270D-SIM	Groundwater	Benzo(a)anthracene	0.2	0.016	ug/L
EPA 8270D-SIM	Groundwater	Benzo(a)pyrene	0.2	0.039	ug/L
EPA 8270D-SIM	Groundwater	Benzo(b)fluoranthene	0.2	0.016	ug/L
EPA 8270D-SIM	Groundwater	Benzo(ghi)perylene	0.2	0.042	ug/L
EPA 8270D-SIM	Groundwater	Benzo(k)fluoranthene	0.2	0.042	ug/L
EPA 8270D-SIM	Groundwater	Chrysene	0.2	0.038	ug/L
EPA 8270D-SIM	Groundwater	Dibenzo(a,h)anthracene	0.2	0.039	ug/L
EPA 8270D-SIM	Groundwater	Fluoranthene	0.2	0.038	ug/L
EPA 8270D-SIM	Groundwater	Fluorene	0.2	0.037	ug/L
EPA 8270D-SIM	Groundwater	Hexachlorobenzene	0.8	0.032	ug/L
EPA 8270D-SIM	Groundwater	Hexachlorobutadiene	0.5	0.036	ug/L
EPA 8270D-SIM	Groundwater	Hexachloroethane	0.8	0.03	ug/L
EPA 8270D-SIM	Groundwater	Indeno(1,2,3-cd)Pyrene	0.2	0.04	ug/L
EPA 8270D-SIM	Groundwater	Naphthalene	0.2	0.043	ug/L
EPA 8270D-SIM	Groundwater	Pentachlorophenol	0.8	0.22	ug/L
EPA 8270D-SIM	Groundwater	Phenanthrene	0.2	0.015	ug/L
EPA 8270D-SIM	Groundwater	Pyrene	0.2	0.04	ug/L

ATTACHMENT B

GROUNDWATER SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
		Pesticides			
EPA 8081B	Groundwater	4,4'-DDD	0.04	0.00464	ug/L
EPA 8081B	Groundwater	4,4'-DDE	0.04	0.00381	ug/L
EPA 8081B	Groundwater	4,4'-DDT	0.04	0.00432	ug/L
EPA 8081B	Groundwater	Aldrin	0.02	0.00216	ug/L
EPA 8081B	Groundwater	Alpha-BHC	0.02	0.00439	ug/L
EPA 8081B	Groundwater	Beta-BHC	0.02	0.0056	ug/L
EPA 8081B	Groundwater	Chlordane	0.2	0.0463	ug/L
EPA 8081B	Groundwater	cis-Chlordane	0.02	0.00666	ug/L
EPA 8081B	Groundwater	Delta-BHC	0.02	0.00467	ug/L
EPA 8081B	Groundwater	Dieldrin	0.04	0.00429	ug/L
EPA 8081B	Groundwater	Endosulfan I	0.02	0.00345	ug/L
EPA 8081B	Groundwater	Endosulfan II	0.04	0.00519	ug/L
EPA 8081B	Groundwater	Endosulfan sulfate	0.04	0.00481	ug/L
EPA 8081B	Groundwater	Endrin	0.04	0.00429	ug/L
EPA 8081B	Groundwater	Endrin aldehyde	0.04	0.0081	ug/L
EPA 8081B	Groundwater	Endrin ketone	0.04	0.00477	ug/L
EPA 8081B	Groundwater	Heptachlor	0.02	0.0031	ug/L
EPA 8081B	Groundwater	Heptachlor epoxide	0.02	0.00415	ug/L
EPA 8081B	Groundwater	Lindane	0.02	0.00434	ug/L
EPA 8081B	Groundwater	Methoxychlor	0.2	0.00684	ug/L
EPA 8081B	Groundwater	Toxaphene	0.2	0.0627	ug/L
EPA 8081B	Groundwater	trans-Chlordane	0.02	0.00627	ug/L
		Polychlorinated Biphenyls			
EPA 8082A	Groundwater	Aroclor 1016	0.083	0.05478	ug/L
EPA 8082A	Groundwater	Aroclor 1221	0.083	0.05312	ug/L
EPA 8082A	Groundwater	Aroclor 1232	0.083	0.03071	ug/L
EPA 8082A	Groundwater	Aroclor 1242	0.083	0.05976	ug/L
EPA 8082A	Groundwater	Aroclor 1248	0.083	0.05063	ug/L
EPA 8082A	Groundwater	Aroclor 1254	0.083	0.03403	ug/L
EPA 8082A	Groundwater	Aroclor 1260	0.083	0.03154	ug/L
EPA 8082A	Groundwater	Aroclor 1262	0.083	0.02905	ug/L
EPA 8082A	Groundwater	Aroclor 1268	0.083	0.03735	ug/L
EPA 8082A	Groundwater	PCBs, Total	0.083	0.02905	ug/L
		Herbicides			
EPA 8151A	Groundwater	2,4,5-T	2	0.531	ug/L
EPA 8151A	Groundwater	2,4,5-TP (Silvex)	2	0.539	ug/L
EPA 8151A	Groundwater	2,4-D	10	0.498	ug/L
		Metals			
EPA 6010A	Groundwater	Aluminum, Dissolved	0.01	0.00169	mg/L
EPA 6010A	Groundwater	Aluminum, Total	0.01	0.00169	mg/L
EPA 6010A	Groundwater	Antimony, Dissolved	0.0005	0.0000699	mg/L
EPA 6010A	Groundwater	Antimony, Total	0.0005	0.0000699	mg/L
EPA 6010A	Groundwater	Arsenic, Dissolved	0.0005	0.000123	mg/L
EPA 6010A	Groundwater	Arsenic, Total	0.0005	0.000123	mg/L
EPA 6010A	Groundwater	Barium, Dissolved	0.0005	0.0000625	mg/L
EPA 6010A	Groundwater	Barium, Total	0.0005	0.0000625	mg/L
EPA 6010A	Groundwater	Beryllium, Dissolved	0.0005	0.00015	mg/L
EPA 6010A	Groundwater	Beryllium, Total	0.0005	0.00015	mg/L
EPA 6010A	Groundwater	Cadmium, Dissolved	0.0002	0.00005	mg/L
EPA 6010A	Groundwater	Cadmium, Total	0.0002	0.00005	mg/L
EPA 6010A	Groundwater	Calcium, Dissolved	0.1	0.032	mg/L
EPA 6010A	Groundwater	Calcium, Total	0.1	0.032	mg/L
EPA 6010A	Groundwater	Chromium, Dissolved	0.001	0.000253	mg/L
EPA 6010A	Groundwater	Chromium, Total	0.001	0.000253	mg/L
EPA 7196A	Groundwater	Chromium, Hexavalent, Dissolved	0.01	0.003	mg/L
EPA 7196A	Groundwater	Chromium, Hexavalent, Total	0.01	0.003	mg/L
EPA 6010A	Groundwater	Cobalt, Dissolved	0.0002	0.0000621	mg/L
EPA 6010A	Groundwater	Cobalt, Total	0.0002	0.0000621	mg/L
EPA 6010A	Groundwater	Copper, Dissolved	0.001	0.000262	mg/L
EPA 6010A	Groundwater	Copper, Total	0.001	0.000262	mg/L
EPA 6010A	Groundwater	Iron, Dissolved	0.05	0.012	mg/L
EPA 6010A	Groundwater	Iron, Total	0.05	0.012	mg/L
EPA 6010A	Groundwater	Lead, Dissolved	0.001	0.000129	mg/L
EPA 6010A	Groundwater	Lead, Total	0.001	0.000129	mg/L
EPA 6010A	Groundwater	Magnesium, Dissolved	0.07	0.0223	mg/L
EPA 6010A	Groundwater	Magnesium, Total	0.07	0.0223	mg/L
EPA 6010A	Groundwater	Manganese, Dissolved	0.001	0.000302	mg/L
EPA 6010A	Groundwater	Manganese, Total	0.001	0.000302	mg/L
EPA 7470A	Groundwater	Mercury, Dissolved	0.0002	0.000066	mg/L
EPA 7470A	Groundwater	Mercury, Total	0.0002	0.000066	mg/L
EPA 6010A	Groundwater	Nickel, Dissolved	0.0005	0.0000865	mg/L
EPA 6010A	Groundwater	Nickel, Total	0.0005	0.0000865	mg/L
EPA 6010A	Groundwater	Potassium, Dissolved	0.1	0.0193	mg/L
EPA 6010A	Groundwater	Potassium, Total	0.1	0.0193	mg/L
EPA 6010A	Groundwater	Selenium, Dissolved	0.005	0.001	mg/L
EPA 6010A	Groundwater	Selenium, Total	0.005	0.001	mg/L
EPA 6010A	Groundwater	Silver, Dissolved	0.00025	0.0000779	mg/L
EPA 6010A	Groundwater	Silver, Total	0.00025	0.0000779	mg/L
EPA 6010A	Groundwater	Sodium, Dissolved	0.1	0.0161	mg/L
EPA 6010A	Groundwater	Sodium, Total	0.1	0.0161	mg/L
EPA 6010A	Groundwater	Thallium, Dissolved	0.0002	0.0000566	mg/L
EPA 6010A	Groundwater	Thallium, Total	0.0002	0.0000566	mg/L
EPA 6010A	Groundwater	Vanadium, Dissolved	0.005	0.000551	mg/L
EPA 6010A	Groundwater	Vanadium, Total	0.005	0.000551	mg/L
EPA 6010A	Groundwater	Zinc, Dissolved	0.01	0.00256	mg/L
EPA 6010A	Groundwater	Zinc, Total	0.01	0.00256	mg/L

ATTACHMENT B

GROUNDWATER SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units
PFAS Compounds					
EPA 537 Rev 1.15	Groundwater	Perfluorobutanoic Acid (PFBA)	2	0.408	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluoropentanoic Acid (PFPeA)	2	0.396	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorobutanesulfonic Acid (PFBS)	2	0.238	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorohexanoic Acid (PFHxA)	2	0.328	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluoroheptanoic Acid (PFHpA)	2	0.2252	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorohexanesulfonic Acid (PFHxS)	2	0.376	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorooctanoic Acid (PFOA)	2	0.236	ng/l
EPA 537 Rev 1.15	Groundwater	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2	1.332	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluoroheptanesulfonic Acid (PFHpS)	2	0.688	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorononanoic Acid (PFNA)	2	0.312	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorooctanesulfonic Acid (PFOS)	2	0.504	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorodecanoic Acid (PFDA)	2	0.304	ng/l
EPA 537 Rev 1.15	Groundwater	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	2	1.212	ng/l
EPA 537 Rev 1.15	Groundwater	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2	0.648	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluoroundecanoic Acid (PFUnA)	2	0.26	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorodecanesulfonic Acid (PFDS)	2	0.98	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorooctanesulfonamide (FOSA)	2	0.58	ng/l
EPA 537 Rev 1.15	Groundwater	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2	0.804	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorododecanoic Acid (PFDoA)	2	0.372	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorotridecanoic Acid (PFTrDA)	2	0.3272	ng/l
EPA 537 Rev 1.15	Groundwater	Perfluorotetradecanoic Acid (PFTA)	2	0.248	ng/l

ATTACHMENT B

AIR SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units	RL	MDL	Units
		Volatile Organic Compounds						
EPA TO-15	Air	1,1,1,2-Tetrachloroethane	1.37	0.38	ug/m^3	0.2	0.0547	ppbV
EPA TO-15	Air	1,1,1-Trichloroethane	1.09	0.31	ug/m^3	0.2	0.057	ppbV
EPA TO-15	Air	1,1,2,2-Tetrachloroethane	1.37	0.38	ug/m^3	0.2	0.0548	ppbV
EPA TO-15	Air	1,1,2-Trichloro-1,2,2-Trifluoroethane	1.53	0.39	ug/m^3	0.2	0.0511	ppbV
EPA TO-15	Air	1,1,2-Trichloroethane	1.09	0.36	ug/m^3	0.2	0.0667	ppbV
EPA TO-15	Air	1,1-Dichloroethane	0.81	0.31	ug/m^3	0.2	0.0771	ppbV
EPA TO-15	Air	1,1-Dichloroethene	0.79	0.22	ug/m^3	0.2	0.0566	ppbV
EPA TO-15	Air	1,1-Dichloropropene	0.91	0.32	ug/m^3	0.2	0.0715	ppbV
EPA TO-15	Air	1,2,3-Trichlorobenzene	1.48	0.32	ug/m^3	0.2	0.0436	ppbV
EPA TO-15	Air	1,2,3-Trichloropropane	1.21	0.46	ug/m^3	0.2	0.0767	ppbV
EPA TO-15	Air	1,2,3-Trimethylbenzene	0.98	0.37	ug/m^3	0.2	0.0751	ppbV
EPA TO-15	Air	1,2,4,5-Tetramethylbenzene	1.1	0.44	ug/m^3	0.2	0.0795	ppbV
EPA TO-15	Air	1,2,4-Trichlorobenzene	1.48	0.45	ug/m^3	0.2	0.0611	ppbV
EPA TO-15	Air	1,2,4-Trimethylbenzene	0.98	0.34	ug/m^3	0.2	0.0694	ppbV
EPA TO-15	Air	1,2-Dibromo-3-chloropropane	1.93	0.72	ug/m^3	0.2	0.0744	ppbV
EPA TO-15	Air	1,2-Dibromoethane	1.54	0.6	ug/m^3	0.2	0.0779	ppbV
EPA TO-15	Air	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.4	0.29	ug/m^3	0.2	0.0419	ppbV
EPA TO-15	Air	1,2-Dichlorobenzene	1.2	0.37	ug/m^3	0.2	0.0614	ppbV
EPA TO-15	Air	1,2-Dichloroethane	0.81	0.22	ug/m^3	0.2	0.0552	ppbV
EPA TO-15	Air	1,2-Dichloroethene (total)	0.79	0.23	ug/m^3	0.2	0.0587	ppbV
EPA TO-15	Air	1,2-Dichloropropane	0.92	0.32	ug/m^3	0.2	0.0697	ppbV
EPA TO-15	Air	1,3,5-Trimethylbenzene	0.98	0.29	ug/m^3	0.2	0.0584	ppbV
EPA TO-15	Air	1,3-Butadiene	0.44	0.18	ug/m^3	0.2	0.0799	ppbV
EPA TO-15	Air	1,3-Dichlorobenzene	1.2	0.38	ug/m^3	0.2	0.0637	ppbV
EPA TO-15	Air	1,3-Dichloropropane	0.92	0.36	ug/m^3	0.2	0.0776	ppbV
EPA TO-15	Air	1,3-Dichloropropene, Total	0.91	0.31	ug/m^3	0.2	0.0693	ppbV
EPA TO-15	Air	1,4-Dichlorobenzene	1.2	0.25	ug/m^3	0.2	0.0418	ppbV
EPA TO-15	Air	1,4-Dioxane	0.72	0.28	ug/m^3	0.2	0.078	ppbV
EPA TO-15	Air	1-Methylnaphthalene	5.82	1.66	ug/m^3	1	0.286	ppbV
EPA TO-15	Air	2,2,4-Trimethylpentane	0.93	0.31	ug/m^3	0.2	0.0659	ppbV
EPA TO-15	Air	2,2-Dichloropropane	0.92	0.27	ug/m^3	0.2	0.0581	ppbV
EPA TO-15	Air	2-Butanone	1.47	0.15	ug/m^3	0.5	0.0522	ppbV
EPA TO-15	Air	2-Ethylthiophene	0.92	0.26	ug/m^3	0.2	0.0571	ppbV
EPA TO-15	Air	2-Hexanone	0.82	0.25	ug/m^3	0.2	0.0604	ppbV
EPA TO-15	Air	2-Methylnaphthalene	5.82	0.16	ug/m^3	1	0.0273	ppbV
EPA TO-15	Air	2-Methylthiophene	0.8	0.32	ug/m^3	0.2	0.0789	ppbV
EPA TO-15	Air	3-Chloropropene	0.63	0.25	ug/m^3	0.2	0.0812	ppbV
EPA TO-15	Air	3-Methylthiophene	0.8	0.27	ug/m^3	0.2	0.0669	ppbV
EPA TO-15	Air	4-Ethyltoluene	0.98	0.38	ug/m^3	0.2	0.0776	ppbV
EPA TO-15	Air	4-Methyl-2-pentanone	2.05	0.25	ug/m^3	0.5	0.0607	ppbV
EPA TO-15	Air	Acetaldehyde	4.5	0.99	ug/m^3	2.5	0.547	ppbV
EPA TO-15	Air	Acetone	2.38	0.64	ug/m^3	1	0.269	ppbV
EPA TO-15	Air	Acetonitrile	0.34	0.13	ug/m^3	0.2	0.0761	ppbV
EPA TO-15	Air	Acrolein	1.15	0.26	ug/m^3	0.5	0.114	ppbV
EPA TO-15	Air	Acrylonitrile	1.09	0.17	ug/m^3	0.5	0.079	ppbV
EPA TO-15	Air	Benzene	0.64	0.17	ug/m^3	0.2	0.0537	ppbV
EPA TO-15	Air	Benzothiophene	2.74	0.26	ug/m^3	0.5	0.0468	ppbV
EPA TO-15	Air	Benzyl chloride	1.04	0.33	ug/m^3	0.2	0.0645	ppbV
EPA TO-15	Air	Bromobenzene	0.79	0.31	ug/m^3	0.2	0.079	ppbV
EPA TO-15	Air	Bromodichloromethane	1.34	0.44	ug/m^3	0.2	0.0656	ppbV
EPA TO-15	Air	Bromoform	2.07	0.54	ug/m^3	0.2	0.0523	ppbV
EPA TO-15	Air	Bromomethane	0.78	0.27	ug/m^3	0.2	0.0696	ppbV
EPA TO-15	Air	Butane	0.48	0.11	ug/m^3	0.2	0.0442	ppbV
EPA TO-15	Air	Butyl Acetate	2.38	0.54	ug/m^3	0.5	0.114	ppbV
EPA TO-15	Air	Carbon disulfide	0.62	0.11	ug/m^3	0.2	0.0345	ppbV
EPA TO-15	Air	Carbon tetrachloride	1.26	0.3	ug/m^3	0.2	0.0471	ppbV
EPA TO-15	Air	Chlorobenzene	0.92	0.36	ug/m^3	0.2	0.0789	ppbV
EPA TO-15	Air	Chlorodifluoromethane	0.71	0.22	ug/m^3	0.2	0.0626	ppbV

ATTACHMENT B

AIR SAMPLES
LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

Method	Matrix	Analyte	RL	MDL	Units	RL	MDL	Units
EPA TO-15	Air	Chloroethane	0.53	0.2	ug/m^3	0.2	0.0767	ppbV
EPA TO-15	Air	Chloroform	0.98	0.22	ug/m^3	0.2	0.0452	ppbV
EPA TO-15	Air	Chloromethane	0.41	0.2	ug/m^3	0.2	0.0958	ppbV
EPA TO-15	Air	cis-1,2-Dichloroethene	0.79	0.23	ug/m^3	0.2	0.0587	ppbV
EPA TO-15	Air	cis-1,3-Dichloropropene	0.91	0.34	ug/m^3	0.2	0.0745	ppbV
EPA TO-15	Air	Cyclohexane	0.69	0.23	ug/m^3	0.2	0.0656	ppbV
EPA TO-15	Air	Decane (C10)	1.16	0.28	ug/m^3	0.2	0.0484	ppbV
EPA TO-15	Air	Dibromochloromethane	1.7	0.64	ug/m^3	0.2	0.0747	ppbV
EPA TO-15	Air	Dibromomethane	1.42	0.34	ug/m^3	0.2	0.0476	ppbV
EPA TO-15	Air	Dichlorodifluoromethane	0.99	0.23	ug/m^3	0.2	0.0466	ppbV
EPA TO-15	Air	Dichlorofluoromethane	0.84	0.24	ug/m^3	0.2	0.0572	ppbV
EPA TO-15	Air	Dodecane (C12)	1.39	0.39	ug/m^3	0.2	0.0564	ppbV
EPA TO-15	Air	Ethyl Acetate	1.8	0.47	ug/m^3	0.5	0.131	ppbV
EPA TO-15	Air	Ethyl Alcohol	4.71	1.02	ug/m^3	2.5	0.542	ppbV
EPA TO-15	Air	Ethyl ether	0.61	0.18	ug/m^3	0.2	0.0591	ppbV
EPA TO-15	Air	Ethylbenzene	0.87	0.24	ug/m^3	0.2	0.0555	ppbV
EPA TO-15	Air	Ethyl-Tert-Butyl-Ether	0.84	0.22	ug/m^3	0.2	0.0515	ppbV
EPA TO-15	Air	Heptane	0.82	0.23	ug/m^3	0.2	0.0553	ppbV
EPA TO-15	Air	Hexachlorobutadiene	2.13	0.78	ug/m^3	0.2	0.0732	ppbV
EPA TO-15	Air	Indane	0.97	0.38	ug/m^3	0.2	0.0795	ppbV
EPA TO-15	Air	Indene	0.95	0.29	ug/m^3	0.2	0.0608	ppbV
EPA TO-16	Air	iso-Propyl Alcohol	1.23	0.28	ug/m^3	0.5	0.114	ppbV
EPA TO-17	Air	Isopropyl Ether	0.84	0.27	ug/m^3	0.2	0.0656	ppbV
EPA TO-18	Air	Isopropylbenzene	0.98	0.21	ug/m^3	0.2	0.043	ppbV
EPA TO-19	Air	Methanol	6.55	0.96	ug/m^3	5	0.736	ppbV
EPA TO-20	Air	Methyl Methacrylate	2.05	0.61	ug/m^3	0.5	0.148	ppbV
EPA TO-21	Air	Methyl tert butyl ether	0.72	0.16	ug/m^3	0.2	0.0452	ppbV
EPA TO-22	Air	Methylene chloride	1.74	0.65	ug/m^3	0.5	0.188	ppbV
EPA TO-23	Air	Naphthalene	1.05	0.23	ug/m^3	0.2	0.0432	ppbV
EPA TO-24	Air	n-Butylbenzene	1.1	0.35	ug/m^3	0.2	0.0639	ppbV
EPA TO-25	Air	n-Heptane	0.82	0.23	ug/m^3	0.2	0.0553	ppbV
EPA TO-26	Air	n-Hexane	0.7	0.18	ug/m^3	0.2	0.0518	ppbV
EPA TO-27	Air	Nonane (C9)	1.05	0.34	ug/m^3	0.2	0.0644	ppbV
EPA TO-28	Air	n-Propylbenzene	0.98	0.27	ug/m^3	0.2	0.0559	ppbV
EPA TO-29	Air	o-Chlorotoluene	1.04	0.25	ug/m^3	0.2	0.0487	ppbV
EPA TO-30	Air	Octane	0.93	0.2	ug/m^3	0.2	0.0421	ppbV
EPA TO-31	Air	o-Xylene	0.87	0.27	ug/m^3	0.2	0.0631	ppbV
EPA TO-32	Air	p/m-Xylene	1.74	0.6	ug/m^3	0.4	0.139	ppbV
EPA TO-33	Air	p-Chlorotoluene	1.04	0.4	ug/m^3	0.2	0.0764	ppbV
EPA TO-34	Air	Pentane	0.59	0.14	ug/m^3	0.2	0.0475	ppbV
EPA TO-35	Air	p-Isopropyltoluene	1.1	0.33	ug/m^3	0.2	0.0608	ppbV
EPA TO-36	Air	Propane	0.9	0.21	ug/m^3	0.5	0.114	ppbV
EPA TO-37	Air	Propylene	0.86	0.16	ug/m^3	0.5	0.0929	ppbV
EPA TO-38	Air	sec-Butylbenzene	1.1	0.4	ug/m^3	0.2	0.0731	ppbV
EPA TO-39	Air	Styrene	0.85	0.34	ug/m^3	0.2	0.0799	ppbV
EPA TO-40	Air	tert-Butyl Alcohol	1.52	0.18	ug/m^3	0.5	0.0599	ppbV
EPA TO-41	Air	tert-Butylbenzene	1.1	0.22	ug/m^3	0.2	0.0402	ppbV
EPA TO-42	Air	Tertiary-Amyl Methyl Ether	0.84	0.33	ug/m^3	0.2	0.0795	ppbV
EPA TO-43	Air	Tetrachloroethene	1.36	0.51	ug/m^3	0.2	0.0758	ppbV
EPA TO-44	Air	Tetrahydrofuran	1.47	0.18	ug/m^3	0.5	0.0622	ppbV
EPA TO-45	Air	Thiophene	0.69	0.18	ug/m^3	0.2	0.0528	ppbV
EPA TO-46	Air	Toluene	0.75	0.24	ug/m^3	0.2	0.0628	ppbV
EPA TO-47	Air	Total HC As Hexane	39.34	0.2	ug/m^3	10	0.0518	ppbV
EPA TO-48	Air	Total VOCs As Toluene	37.69	0.24	ug/m^3	10	0.0628	ppbV
EPA TO-49	Air	trans-1,2-Dichloroethene	0.79	0.29	ug/m^3	0.2	0.074	ppbV
EPA TO-50	Air	trans-1,3-Dichloropropene	0.91	0.31	ug/m^3	0.2	0.0693	ppbV
EPA TO-51	Air	Trichloroethene	1.07	0.38	ug/m^3	0.2	0.071	ppbV
EPA TO-52	Air	Trichlorofluoromethane	1.12	0.23	ug/m^3	0.2	0.0416	ppbV
EPA TO-53	Air	Undecane	1.28	0.34	ug/m^3	0.2	0.0528	ppbV
EPA TO-54	Air	Vinyl acetate	3.52	0.2	ug/m^3	1	0.0567	ppbV
EPA TO-55	Air	Vinyl bromide	0.87	0.31	ug/m^3	0.2	0.0699	ppbV
EPA TO-56	Air	Vinyl chloride	0.51	0.14	ug/m^3	0.2	0.0533	ppbV
EPA TO-57	Air	Xylene (Total)	0.87	0.27	ug/m^3	0.2	0.0631	ppbV

ATTACHMENT C

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	Field Duplicate Samples	Equipment Blank Samples	Trip Blank Samples	Ambient Air Samples	MS/MSD Samples
Groundwater	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	Analyze within 14 days of collection	1 per 20 samples (minimum 1)	1 per 20 samples (minimum 1)	1 per shipment of VOC samples	NA	1 per 20 samples
		1,4-dioxane	8270D SIM isotope dilution	Cool to 4°C	One 1-Liter Amber Glass	7 days to extract, 40 days after extraction to analysis					
		Part 375 + TCL SVOCs	EPA 8270D	Cool to 4°C	Two 1-Liter Amber Glass	7 days to extract, 40 days after extraction to analysis					
		Part 375 + TAL Metals	EPA 6020B, EPA 7470A	Cool to 4°C; HNO_3	250 ml plastic	6 months, except Mercury 28 days					
		Hexavalent Chromium	EPA 7196A	Cool to 4°C	250 ml plastic	24 hours					
		Cyanide	EPA 9010C/9012B	Cool to 4°C; NaOH plus 0.6g ascorbic acid	250 ml plastic	14 days					
		Part 375 + TCL Herbicides	EPA 8151A	Cool to 4°C	Two 1-Liter Amber Glass	7 days to extract, 40 days after extraction to analysis					
		Part 375 + TCL Pesticides	EPA 8081B	Cool to 4°C	Two 1-Liter Amber Glass for Pesticides/PCB	7 days to extract, 40 days after extraction to analysis					
		Part 375 + TCL PCBs	EPA 8082A	Cool to 4°C		7 days to extract, 40 days after extraction to analysis					
		Per- and polyfluoroalykl substances (PFAS)	EPA 537(M) Rev 1.1	Cool to 4°C, Trizma	One 8-oz pre-certified PFAS-free plastic container	14 days	1 per 20 samples (minimum 1)	1 per 20 samples (minimum 1)	NA	NA	1 per 20 samples (minimum 1)

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	Field Duplicate Samples	Equipment Blank Samples	Trip Blank Samples	Ambient Air Samples	MS/MSD Samples
Soil	Total VOCs via PID	Part 375 + TCL VOCs	EPA 8260C	Cool to 4°C	Two 40-ml VOC vials with 5ml H_2O, one with MeOH or 3 En Core Samplers (separate container for % solids)	48 hours after sampling if samples are not frozen to -7° C, 14 days after extraction to analysis	1 per 20 samples (minimum 1)	1 per 20 samples (minimum 1)	1 per shipment of VOC samples	NA	1 per 20 samples
		Part 375 + TCL SVOCs	EPA 8270D	Cool to 4°C	4 oz. amber glass jar	14 days extract, 40 days after extraction to analysis			NA		
		Part 375 + TAL Metals	EPA 6010D, EPA 7471B, EPA 7196A, EPA 9010C/9012B	Cool to 4°C	2 oz. amber glass jar	6 months, except mercury 28 days					
		Hexavalent Chromium	EPA 7196A	Cool to 4°C	4 oz. amber glass jar	30 days					
		Cyanide	EPA 9010C/9012B	Cool to 4°C	8 oz. amber glass jar	14 days					
		Part 375 + TCL Pesticides	EPA 8081B	Cool to 4°C	4 oz. amber glass jar	14 days extract, 40 days after extraction to analysis					
		Part 375 + TCL Herbicides	EPA 8151A	Cool to 4°C	8 oz. amber glass jar	14 days					
		Part 375 + TCL PCBs	EPA 8082A	Cool to 4°C	4 oz. amber glass jar	14 days extract, 40 days after extraction to analysis					
		Per- and polyfluoroalykl substances (PFAS)	EPA 537(M) Rev 1.1	Cool to 4°C, Trizma	Two 250 mL high density polyethylene (HDPE) bottles	14 days					
Soil Vapor	Total VOCs and Methane with MultiGas Meter	TO-15 Listed VOCs	TO-15	Ambient Temperature	6-Liter Summa Canister	Analyze within 30 days of collection	1 per 20 samples (minimum 1)	NA	NA	1 per 10 samples (minimum 1)	NA
Ambient Air	Total VOCs via PID	TO-15 Listed VOCs	TO-15	Ambient Temperature	6-Liter Summa Canister	Analyze within 30 days of collection	1 per 20 samples (minimum 1)	NA	NA	1 per 10 samples (minimum 1)	NA

Notes:
1. PID - Photoionization Detector
2. VOC - Volatile organic compound
3. EPA - Environmental Protection Agency
4. TCL - Target compound list
5. TAL - Target analyte list
6. ORP - Oxidation-reduction-potential
7. NA - Not applicable

ATTACHMENT D

SAMPLE NOMENCLATURE STANDARD OPERATING PROCEDURE

SOP #01 – Sample Nomenclature

INTRODUCTION

The Langan Environmental Group 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 Langan 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.

APPENDIX D

COMMUNITY AIR MONITORING PLAN

New York State Department of Health Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area and when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH. Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a **continuous** bases or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment

should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored **continuously** at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m3, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m3 or less at the monitoring point.

- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work with Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under “Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures” except that in this instance “nearby/occupied structures” would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.