Subsurface Investigation Report

410 West 207th Street
Block 2203, Lots 9 and 21
New York, New York

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Prepared for:

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c\o Taconic Management Company, LLC

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1. Introduction

On behalf of 410 West 207th Acquisition LLC, c\o Taconic Management Company, LLC (Taconic), Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this Subsurface Investigation Report (SIR) for the property located at 410 West 207th Street, which is identified as Block 2203, Lots 9 and 21 on the New York City Tax Map (the "Site") to characterize environmental conditions in support of the proposed redevelopment. The Site is located in the Inwood section of Manhattan. A Site Location Map is provided in Figure 1.

The objective of this Subsurface Investigation was to further characterize previously identified environmental impacts identified by the Phase I ESA prepared by EBI Consulting, dated October 2010 (EBI Phase I ESA) and the Phase II ESA prepared by Stantec, dated December 2011 (Stantec Phase II ESA) and potential environmental impacts in order to effectively evaluate the Site conditions with respect to future redevelopment.

The Site has e-designations for hazardous materials, noise and air assigned by the New York City Department of City Planning in 2018 as part of the re-zoning of the neighborhood. If Site redevelopment proceeds, the e-designations will need to be addressed through the New York City Office of Environmental Remediation (NYCOER), who administers the e-designation program. However, the Subsurface Investigation described in this SIR was not performed to address the e-designation since redevelopment plans are still in the conceptual phase and Taconic is not required to submit the data to NYCOER until such time that the planning for the redevelopment progresses.

1.1 Property Location and Site Description

The Site consists of two parcels within the Inwood section of Manhattan (Lots 9 and 21 of Block 2203). The Site is approximately 80,000 square feet (Lot 9 and Lot 21 are approximately 60,000 square feet and 20,000 square feet, respectively) and is bounded by West 207th Street to the north, Ninth Avenue to the east, West 206th Street to the south, and commercial and residential buildings to the west. The western portion of Lot 9 is occupied by an approximately 34,000 square foot one-story grocery store with a parking lot on the grocery store roof and street-grade paved parking on the eastern portion of Lot 9 and all of Lot 21 (Figure 2). The grocery store contains a partial basement beneath the western half of the building. Development in the surrounding area is zoned for mixed-use (residential and commercial development) and transportation use.

1.2 Site History

Based on Roux's review of historical reports and documentation (including Sanborn Fire Insurance Maps), the Site was undeveloped until 1926. From 1926 through 1969, the northern portion of Lot 9 was occupied by the Miramar Bath House (three-story commercial structure) and an adjoining large swimming pool. An automobile garage was present in the southeastern area of the Site (Lot 21) and operated from 1926 through 1968. Also, from 1947 to 1968 a gasoline filling station was located in the northeastern area of the Site (Lot 21). By 1969, all structures mentioned above were demolished and construction for the grocery store and paved parking lot areas were completed and remain present today.

1.3 Potential Site Redevelopment

As part of the potential redevelopment plan for the Site, the entire Site may be excavated to approximately 13 to 15 feet below grade for one subgrade parking level, retail/residential back of house, and mechanical space. Aboveground development may include the construction of three residential buildings with each building containing retail components on the first floor. Buildings 1 and 3 are proposed to be completed on Lot 9 and consist of 14-story and 12-story buildings, respectively. Building 2 is proposed to be developed on Lot 21 and contain 17 stories. Approximately 727 residential spaces are proposed between the three buildings. The development is also planned to have a one-story terrace with a roof in the center of the Site between the three buildings.

1.4 Previous Environmental Reports and Environmental Conditions

The following environmental reports were available for review:

- Phase I ESA, prepared by EBI on behalf of The Great Atlantic & Pacific Tea Company, Inc., October 2010.
- Phase II ESA, prepared by Stantec on behalf of The Great Atlantic & Pacific Tea Company, Inc., December 2011

The EBI Phase I ESA summarized results from a previous Phase I ESA performed by Whitestone Associates, Inc., dated October 4, 2007 (Whitestone Phase I) and EBI's review of similar documentation used in the Whitestone Phase I ESA. The recognized environmental conditions (RECs) identified in the EBI Phase I ESA included:

- The auto garage that operated at the Site from 1926 to 1968 and the gasoline filling station that operated from 1947 to 1968 (both on Lot 21) are suspected to have potentially impacted the Site subsurface due to the potential for abandoned underground storage tanks (USTs) and the on-Site storage and use of petroleum products, automotive fluids, batter acids, solvents, and/or other hazardous substances;
- The Site may have been backfilled with material imported from unknown off-Site sources (urban fill) during previous redevelopments which has the potential to contain contamination; and
- The grocery store contained two working hydraulic elevators with underground elevator cylinders that may have potential for the release of polychlorinated biphenyls (PCBs) from hydraulic fluid into the soil or groundwater at the Site.

As summarized in the Stantec Phase II ESA, five soil samples and five groundwater samples were collected in the parking lot area of the Site; none of which were collected in the area of the former auto garage. The results of the Stantec Phase II ESA indicated the presence of several volatile organic compounds (VOCs), one semivolatile organic compound (SVOC) naphthalene, and two metals (cadmium and chromium) in soil exceeding NYSDEC 6 New York Code of Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs). It should also be noted that several VOCs and arsenic exceeded the NYCRR Restricted Residential Use SCOs (RRSCOs) as well. Several petroleum-related VOCs and one SVOC were also detected in groundwater at concentrations exceeding NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

The previous environmental reports are included as Appendix A.

2. Methods of Investigation

The following scope of work was developed to investigate environmental conditions at the Site. The investigation was performed in two phases: an initial limited investigation phase was completed in July and August 2018 in conjunction with the geotechnical investigation, and a supplemental phase of the investigation was completed in September and October 2018. The scope of work for each phase is discussed separately below with results presented by lot in Section 3.0 of this report.

A Site plan showing soil boring, groundwater, and soil vapor sampling locations is included as Figure 2.

2.1 Geophysical Investigation

On July 6, NAEVA Geophysics performed a geophysical investigation of targeted portions of the Site to determine the potential presence of subsurface features such as USTs and piping. The geophysical investigation was focused on the northeast corner of the Site in the area of the former gasoline station and on the areas surrounding the proposed boring locations to avoid damage to underground utilities. Geophysical markouts on the asphalt parking lot were completed and reviewed during investigation activities.

2.2 Soil Investigation Scope of Work

2.2.1 Initial Soil Investigation

The initial soil investigation scope of work consisted of six soil borings (MR-4, MR-7, MR-9, MR-11, MR-12, and MR-14) that were performed at borings shared with the geotechnical investigation performed by Mueser Rutledge Consulting Engineers (MRCE). Four borings were completed in the paved parking lot (MR-4 and MR-14 in Lot 9 and MR-9 and MR-11 in Lot 21) which were performed using a truck-mounted mud rotary rig (without using water) using split spoon samplers. Two additional borings were completed within the grocery store, one from the first floor (MR-7) and one from the basement (MR-12), using a portable electric mud rotary rig (without using water) using split spoon samplers. All borings were advanced until the water table was encountered, at minimum, unless evidence of contamination was observed.

Soil from each of the borings was visually inspected for evidence of impacts (e.g., staining, odors) and screened for organic vapors in the field using a photoionization detector (PID). Soil lithology was recorded according to the Unified Soils Classification System (USCS).

At the four borings in the parking lot, one soil sample was collected from the six-inch interval below the asphalt pavement and sub-base and the second sample was collected at either the interval with the greatest evidence of impact (elevated PID detections, odors, or staining) or from the interval directly above the water table. For each of the borings in the grocery store, one soil sample was collected at each location from the two-foot interval directly under the building concrete slab and an additional deeper soil sample was collected from the basement boring (MR-12) after evidence of impact was observed.

2.2.2 Supplemental Soil Investigation

The supplemental soil investigation consisted of 11 soil borings (RX-1 through RX-10 and RX-12) and was implemented to extend general Site coverage and to focus on the former gasoline filling station area, storm drain catch basins, and areas with past or present hydraulic elevator activity. RX-11 was initially proposed

but could not be completed due to only stone being present to the water table (i.e., no soil was available to sample).

Eight borings (RX-1 through RX-8) were completed in the paved parking lot (three in Lot 9 and five in Lot 21). Soil borings in the parking lot were advanced with a truck-mounted direct push rig until the water table or refusal was encountered. In the event refusals were encountered, the boring was moved no more than three feet of the originally proposed boring location and advanced again. Three parking lot boring locations (RX-5, RX-7, and RX-8) hit refusals and did not advance deep enough to encounter the water table. Three additional shallow borings were performed inside the grocery store, one on the first floor (RX-12) and two in the basement (RX-9 and RX-10) and were advanced to approximately three to four feet below grade.

Soil from each of the borings was visually inspected for evidence of impacts and screened for organic vapors in the field using a PID. Soil lithology was recorded according to the USCS.

For the eight borings completed in the parking lot, one soil sample was collected from the two-foot interval below the asphalt pavement and a second sample was collected at either the interval with the greatest evidence of impact or from the two-foot interval directly above the water table. For the three parking lot borings that encountered refusals, shallow soil samples were collected in the same manner as described above and a second sample was collected at the two-foot interval directly above where the refusal was encountered. For the borings within the grocery store, one sample was collected at each location from the approximate two-foot interval directly below the building slab. One duplicate soil sample was collected for quality assurance/quality control (QA/QC) purposes.

2.3 Groundwater Investigation Scope of Work

2.3.1 Initial Groundwater Investigation

For the initial groundwater investigation, Roux used three of MRCE's piezometer locations as monitoring wells to collect environmental groundwater samples. Two monitoring wells were located in the parking lot (MR-9 on Lot 21 and MR-14 on Lot 9). These wells were installed to a depth of approximately 15 feet below land surface (ft bls) and constructed using one-inch diameter polyvinyl chloride (PVC) riser and a porous filter at the bottom of the riser. One additional monitoring well was installed in the basement (MR-12) to a depth of approximately ten feet below the concrete slab in a similar manner as described above.

Once all of the monitoring wells were installed, one groundwater sample was collected from each of the three piezometer wells on August 2, 2018 using a low-flow sampling technique.

2.3.2 Supplemental Groundwater Investigation

Three of the soil borings located in the parking lot were converted to temporary groundwater monitoring wells (RX-2, RX-4, and RX-6) following the soil sampling procedures described above. The wells were advanced approximately 10-15 ft bls to bridge the water table, which was encountered at approximately 9-12 ft bls. The temporary monitoring wells were constructed of one-inch PVC riser and five feet of well screen.

Immediately following installation, one groundwater sample was collected from each of the monitoring wells using a low-flow sampling technique. One duplicate groundwater sample was collected for QA/QC purposes.

2.4 Soil Vapor Investigation Scope of Work

During the initial investigation four vapor sampling points were installed. Three soil vapor sampling points, V-2 in Lot 9 and V-3 and V-5 in Lot 21, were installed in the parking lot to a depth of approximately five ft bls using a truck-mounted mud rotary rig (without using water). At each location, a temporary six-inch stainless-steel screen was installed to a depth of approximately 5 ft bls with Teflon-lined sampling tubing extending to the surface. The annular space surrounding the screen was backfilled with clean sand to just below grade and sealed with bentonite to prevent ambient air intrusion. One soil vapor point (V-4) was installed in the grocery store basement approximately two feet below the concrete slab using hand tools and a stainless-steel screen and Teflon tubing as described above.

The integrity of each soil vapor sampling point seal was checked in accordance with New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York following installation to verify that the soil vapor sample was not compromised by inadvertent introduction of ambient air into the sample. This step was conducted as a QA/QC measure to verify that the soil vapor sample was compromised by inadvertent introduction of ambient air into the sample. Soil vapor was purged from the point using an air pump calibrated to approximately 0.2 liters per minute while the sampling point was covered at the surface with a small enclosure that is partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosure was continuously monitored for helium during purging.

Samples were collected using batch certified vacuum canisters equipped with laboratory-supplied, two-hour regulators for analysis of organic vapors.

2.5 Laboratory Analysis

Soil and groundwater samples were analyzed at TestAmerica Laboratories, Inc. of Edison, New Jersey, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory (11452) for analysis. All samples collected during the initial phase of the investigation were analyzed for target compound list (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260, TCL SVOCs using USEPA Method 8270, pesticides using USEPA Method 8081, PCBs using USEPA Method 8082, and Target Analyte List (TAL) metals using USEPA Method 6020. Samples collected during the supplemental investigation were analyzed for TCL VOCs, TCL SVOCs, and TAL Metals. Samples collected from soil borings RX-9 and RX-12 were also sampled for PCBs due to their proximity to the hydraulic elevators.

Soil vapor samples were analyzed by TestAmerica Laboratories, Inc. of Burlington, Vermont, a NYSDOH ELAP-certified laboratory (10391) for analysis of VOCs using USEPA Method TO-15.

All samples were analyzed on a standard five-day turnaround time.

3. Subsurface Investigation Results

Work completed as part of this Subsurface Investigation included the collection of soil, groundwater, and soil vapor samples. An overview of geologic and hydrogeologic conditions, followed by an evaluation of the environmental media sampling results is provided below. Soil boring logs developed for each location are provided in Appendix B. A full set of laboratory analytical data is provided as Appendix C.

3.1 Site Geology

The top two to seven feet of the Site is underlain with a mixture of urban fill consisting of sand, gravel, brick, tile, and glass. Beneath the urban fill the subsurface is predominantly comprised of fine to coarse sand with some gravel and silt. Bedrock was not encountered during this investigation but was encountered between 20 and 80 ft bls during the geotechnical investigation.

3.2 Site Hydrogeology

Groundwater was encountered between 9 and 12 ft bls. The temporary wells were not surveyed, so a groundwater flow map was not generated. However, under natural, undisturbed conditions, shallow groundwater flow generally follows the topography of the land surface. Based on the surrounding topography, the presumed groundwater flow in the vicinity of the Site is in an easterly direction towards the Harlem River, located approximately 500 feet to the east of the Site.

3.3 Lot 9 Investigation Results

The following sections present the results of the investigation sampling and laboratory analysis for Lot 9.

3.3.1 Lot 9 Soil Results

A total of 16 soil samples were collected for laboratory analysis from 10 soil borings. The concentrations of VOCs, SVOCs, metals, PCBs, pesticides, and herbicides in soil were compared to UUSCOs, RRSCOs, and Protection of Groundwater SCOs (PGWSCOs) and data is provided in Tables 1 through 5. The rationale for comparing soil analytical results to these standards is based on the potential residential/commercial mixed-use redevelopment of the Site. A summary of UUSCOs and RRSCOs exceedances is also depicted on Figure 3 and laboratory analytical reports are provided in Appendix C.

A petroleum-related odor and staining was detected at MR-12.

VOCs

Acetone and benzene were detected at concentrations above their UUSCOs and PGWSCOs in samples MR-4 (1-1.5 ft bls) and RX-4 (0.5-2.5 ft bls), respectively.

Metals

Metal concentrations were detected above UUSCOs in eight samples, above RRSCOs in one sample, and above PGWSCOs in two samples.

- Lead (maximum of 1,790 milligrams per kilogram [mg/kg]) and zinc (maximum of 19,200 of mg/kg) exceeded all three SCOs at RX-4 (0.5-2.5 ft bls). Lead and zinc also exceeded UUSCOs at seven other locations (MR-4 at 1-1.5 ft bls, MR-7 at 0.5-2.5 ft bls, MR-14 at 5-6 ft bls, RX-4 at 0.5-2.5 ft bls, RX-6 at 0.5-2.5 ft bls, RX-7 at 0.5-2.5, and RX-12 at 2.5-4 ft bls).

- Barium (967 mg/kg) and cadmium (21 mg/kg) exceeded all three SCOs at RX-4 (0.5-2.5 ft bls).
- Copper (maximum of 520 mg/kg) exceeded UUSCOs at two locations (RX-4 at 0.5-2.5 ft bls and RX-6 at 0.5-2.5 ft bls) and RRSCOs at RX-4 (0.5-2.5 ft bls).
- Arsenic (13.1 mg/kg) and chromium (42.8 mg/kg) exceeded UUSCOs at RX-4 (0.5-2.5 ft bls).
- Mercury (maximum of 0.5 mg/kg) exceeded UUSCOs at RX-4 (0.2-2.5 ft bls), RX-7 (0.5-2.5 ft bls), and RX-12 (2.5-4 ft bls).
- Nickel (164 mg/kg) exceeded UUSCOs and PGWSCOs at RX-4 (0.5-2.5 ft bls).
- Silver (39.5 mg/kg) exceeded UUSCOs and PGWSCOs at MR-14 (5-6 ft bls).

SVOCs, Pesticides, Herbicides, and PCBs

SVOCs, pesticides, herbicides, and PCBs were not detected above SCOs in any samples collected in Lot 9.

3.3.2 Lot 9 Groundwater Results

Groundwater analytical data was compared to the NYSDEC AWQSGVs and is provided in Tables 6 through 10. A summary of AWQSGV exceedances are depicted on Figure 4 and laboratory analytical reports are provided in Appendix C. Four groundwater samples and a field duplicate were collected for laboratory analysis, all of which contained analytical concentrations in exceedance of the AWQSGVs.

VOCs

Six petroleum-related VOCs (benzene at 20 micrograms per liter [µg/L]), toluene at 23 µg/L , ethylbenzene at 6 µg/L, m+p-Xylene at 36 µg/L, and o-Xylene at 29 µg/L) were each detected at concentrations above their respective AWQSGVs at MR-12. Other VOCs detected above AWQSGVs on Lot 9 were chloroform (7.3 µg/L at MR-14) and styrene (14 µg/L at MR-12).

SVOCs

Two SVOCs (acenaphthene at 21 µg/L and naphthalene at 570 µg/L) exceeded the AWQSGVs in MR-12. Seven SVOCs (benzo[a]anthracene at 6.7 µg/L, benzo[a]pyrene at 6.2 µg/L, benzo[b]fluoranthene at 8 µg/L, benzo[k]fluoranthene at 3.1 µg/L, chrysene at 6.3 µg/L, indeno[1,2,3-cd]pyrene at 3.7 µg/L, and phenol at 2.3 J µg/L [estimated]) exceeded AWQSGVs at RX-4.

Metals

Total metals were detected above the AWQSGVs in all samples. The total metals that were detected in exceedance of AWQSGVs are lead (maximum of 67.2 µg/L at RX-4), antimony (3.8 µg/L at RX-4), iron (maximum of 12,600 µg/L at MR-12), magnesium (maximum of 137,000 µg/L at RX-6), manganese (maximum of 826 µg/L at RX-4 DUP), and sodium (maximum of 1,400,000 µg/L at RX-4 DUP). Iron, magnesium and sodium are naturally occurring metals. Most of the elevated concentrations of metals are likely from sediments in the groundwater sample and/or are naturally occurring.

Pesticides, Herbicides and PCBs

Pesticides, herbicides, and PCBs were not detected in any samples.

3.3.3 Lot 9 Soil Vapor Results

Soil vapor samples were collected from two locations for laboratory analysis across Lot 9, with one sample collected from the outdoor parking lot (V-2) and one from beneath the grocery store basement (V-4). The soil vapor analytical data is provided in Table 11 and detections of the compounds are shown on Figure 5. Laboratory analytical reports are provided in Appendix C. A total of 32 compounds were detected above laboratory detection limits, including petroleum-related VOCs, benzene, toluene, ethylbenzene, total xylenes and isooctane and chlorinated VOCs (CVOCs) trichloroethene (TCE), carbon tetrachloride; tetrachloroethene (PCE) methylene chloride and chloroform. NYSDOH has not established standards or guidance values for soil vapor or sub-slab vapor, therefore there are no criteria available to directly compare the vapor data generated during this Subsurface Investigation. The following is a summary of the range of concentrations for select petroleum-related compounds and CVOCs detected in soil vapor and sub-slab vapor on Lot 9:

- Benzene - 7 µg/cubic meter (µg/m^3) at V-4 to 23 µg/m^3 at V-2
- Toluene - 14 µg/m^3 at V-4 to 1,600 µg/m^3 at V-2
- Ethylbenzene – 10 J (estimated) µg/m^3 at V-2 to 180 µg/m^3 at V-4
- Total Xylenes - 30 µg/m^3 at V-2 to 790 µg/m^3 at V-4
- Isooctane – 460 µg/m^3 at V-4 to 2,600 µg/m^3 at V-2
- Trichloroethene (TCE) – not-detected at V-2 to 1.2 µg/m^3 at V-4
- Carbon Tetrachloride - not-detected at V-2 to 8.84 µg/m^3 at V-4
- Tetrachloroethene (PCE) – 0.75 J (estimated) at V-4 to 47 µg/m^3 at V-2
- Methylene Chloride - not-detected at V-2 to 2.6 J (estimated) µg/m^3 at V-4
- Chloroform – 30 µg/m^3 at V-2 to 320 µg/m^3 at V-4

3.4 Lot 21 Investigation Results

The following sections present the results of the investigation sampling and laboratory analysis for Lot 21.

3.4.1 Lot 21 Soil Results

A total of 16 soil samples and one field duplicate were collected from seven soil borings for laboratory analysis and compared to regulatory standards as described in Section 3.3.1. The concentrations of VOCs, SVOCs, metals, PCBs, pesticides, and herbicides in soil were compared to UUSCOs, RRSCOs, and PGWSCOs and data is provided in Tables 1 through 5. Petroleum-related odor and staining was observed. within the vicinity of the former gasoline filling station at borings RX-1 through RX-3.

VOCs

VOC concentrations were detected above UUSCOs and PGWSCOs in two samples.

- Benzene (0.45 mg/kg) exceeded both SCOs at 0.5-2.5 ft bls at RX-1
- Ethylbenzene (maximum of 6.4 of mg/kg) and n-Propylbenzene (maximum of 43 mg/kg at RX-2 at 10-12 ft bls) exceeded both SCOs at RX-1 (0.5-2.5 ft bls and 8-10 ft bls) and RX-2 (10-12 ft bls).

Metals

Metals concentrations were detected above UUSCOs in nine samples, above RRSCOs in three samples, and above PGWSCOs in three samples.

- Arsenic (maximum of 46.2 mg/kg) exceeded all three SCOs at RX-2 (0.5-2.5 ft bls). Arsenic also exceeded UUSCOs at RX-1 (0.5-2.5 ft bls).
- Mercury (maximum of 1.7 mg/kg) exceeded all three SCOs at RX-1 (0.5-2.5 ft bls) and RX-3 DUP (0.5-2.5 ft bls). Mercury exceeded both UUSCOs and RRSCOs at RX-3 (0.5-2.5 ft bls) and UUSCOs at MR-9 (1-1.5 ft bls), RX-2 0.5-2.5 ft bls, and RX-5 0.5-2.5 ft bls).
- Copper (maximum of 473 mg/kg) exceeded UUSCOs and RRSCOs at RX-8 (0.5-2.5 ft bls). Copper also exceeded UUSCOs at RX-1 (0.5-2.5 ft bls), RX-2 (0.5-2.5 ft bls), RX-3 (0.5-2.5 ft bls), RX-3 DUP (0.5-2.5 ft bls) and MR-9 (1-1.5 ft bls).
- Lead (maximum of 307 mg/kg) exceeded UUSCOs at RX-1 (0.5-2.5 ft bls), RX-2 (0.5-2.5 ft bls), RX-3 (0.5-2.5 ft bls), RX-3 DUP (0.5-2.5 ft bls), RX-8 (0.5-2.5 ft bls), MR-9 (1-1.5 ft bls), MR-11 (0.25-0.75 ft bls) and MR-11 (5-6.5 ft bls).
- Zinc (maximum of 893 mg/kg) exceeded UUSCOs at RX-1 (0.5-2.5 ft bls), RX-2 (0.5-2.5 ft bls), RX-3 (0.5-2.5 ft bls), RX-3 DUP (0.5-2.5 ft bls), RX-8 (0.5-2.5 ft bls), RX-8 (8-10 ft bls), MR-9 (1-1.5 ft bls), MR-11 (0.25-0.75 ft bls) and MR-11 (5-6.5 ft bls).

SVOCs, Pesticides, Herbicides, and PCBs

SVOCs were not detected in exceedance of the UUSCOs, RRSCOs or PGWSCOs. No PCBs or pesticides were detected in samples collected in Lot 21.

3.4.2 Lot 21 Groundwater Results

Two groundwater samples were collected for laboratory analysis from Lot 21 and compared to regulatory standards as described in Section 3.3.2. Both samples contained concentrations in exceedance of the AWQSGVs.

VOCs

Four petroleum-related VOCs (benzene at 54 T µg/L, ethylbenzene at 28 µg/L, toluene at 5.5 µg/L, and m+p-xylene at 7.1 µg/L) were each detected at concentrations above their respective AWQSGVs at RX-2. Chloroform was detected at 8.2 µg/L at MR-9.

SVOCs

One SVOC (naphthalene at 90 µg/L) exceeded the AWQSGVs in RX-2.

Metals

Total metals were detected above the AWQSGVs in both samples. The total metals that were detected in exceedance of AWQSGVs are lead (maximum of 209 µg/L at RX-2), iron (maximum of 19,400 µg/L at RX-2), magnesium (maximum of 46,900 µg/L at RX-2), manganese (maximum of 726 µg/L at RX-2), selenium (11.7 µg/L at MR-9), and sodium (maximum of 615,000 µg/L at MR-9). Most of the elevated concentrations of metals are likely from sediments in the groundwater sample and/or are naturally occurring, however, elevated levels of lead on Lot 21 may also be attributed to the past uses of Lot 9.

Pesticides, Herbicides and PCBs

Pesticides, herbicides, and PCBs were not detected in any samples.

3.4.3 Lot 21 Soil Vapor Results

Two soil vapor samples were collected for laboratory analysis in Lot 21 from locations near the former gasoline pumping station (V-3) and former auto garage (V-5). The soil vapor analytical data is provided in Table 11 and detections of the compounds are shown on Figure 5. Laboratory analytical reports are provided in Appendix C. As noted in Section 3.3.3, there are no criteria for soil vapor established in New York. A total of 16 compounds, primarily petroleum-related VOCs, were detected above laboratory detection limits, likely due to the proximity to the former on-Site gasoline station and/or the gasoline station to the north of the Site with known releases. The following is a summary of the range of concentrations for select petroleum-related compounds and CVOCs detected in soil vapor and sub-slab vapor on Lot 21:

- Benzene – 8,6 J (estimated) µg/m^3 at V-5 to 5,400 J (estimated) µg/m^3 at V-3.
- Toluene – non-detect at V-5 to 1,300 µg/m^3 at V-3
- Butane – 170 µg/m^3 at V-5 to 24,000 µg/m^3 at V-3
- Isooctane – 39 µg/m^3 at V-5 to 1,100,000 µg/m^3 at V-3
- Isopropylbenzene – non-detect at V-5 to 5,300 µg/m^3 at V-3
- Cyclohexane - 14 µg/m^3 at V-5 to 11,000 µg/m^3 at V-3
- n-Heptane- 160 µg/m^3 at V-5 to 24,000 µg/m^3 at V-3
- n-Hexane- 84 µg/m^3 at V-5 to 20,000 µg/m^3 at V-3
- n-Propylbenzene - non-detect at V-5 to 4,500 J (estimated) µg/m^3 at V-3
- Tetrachloroethene (PCE) – non-detect at V-3 to 26 µg/m^3 at V-5
- 1,1,1-Trichloroethane - non-detect at V-3 to 6 µg/m^3 at V-5
- Chloroform – non-detect at V-3 to 27 µg/m^3 at V-5

4. Conclusions and Recommendations

Soil impacts on Lot 9 appear to be due to historic fill. An on-Site source for the groundwater and soil vapor concentrations present on Lot 9 was not identified. Soil, groundwater and soil vapor on Lot 21 appear to have been impacted by prior Site operations (gasoline service station and garage) and potentially from an off-Site gasoline service station with known releases to the north.

No further investigation or remediation is recommended at the Site assuming continued commercial use as a supermarket and parking lot continues. If and when a potential redevelopment plan moves forward, the developer or owner will need to engage NYCOER and address the e-designations for hazardous materials, noise, and air.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

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Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
U -	Indicates that the compound was analyzed for but not detected
B -	The analyte was found in an associated blank as well as in the sample
P -	The RPD between the results for the two columns exceeds the method-specified criteria
I -	The lower value for the two columns has been reported due to obvious interference
RPD -	Relative Percent Difference
T -	Indicates that a quality control parameter has exceeded laboratory limits
ft bls -	Feet below land surface
DUP -	Duplicate sample
NA -	Compound was not analyzed for by laboratory
mg/kg -	Milligrams per kilogram
NYSDEC -	New York State Department of Environmental Conservation
SCO -	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Boxed data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO	
Groundwater Tables	
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
J -	Estimated Value
U -	Compound was analyzed for but not detected
T -	Indicates that a quality control parameter has exceeded laboratory limits
DUP -	Duplicate
--	No NYSDEC AWQSGV available
NA -	Compound was not analyzed for by laboratory
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	
Soil Vapor/Ambient Air	
J -	Estimated value
U -	Indicates that the compound was analyzed for but not detected
ug/m3 -	Micrograms per cubic meter
Bold data indicates that parameter was detected	

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2-Dibromoethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,2-Dichloropropane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.023 U	0.026 U	0.022 U	0.024 U	0.02 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.0056 U	0.0040 J	0.0055 U	0.0061 U	0.0043 J
2-Hexanone	--	--	--	mg/kg		0.0056 UT	0.0019 JT	0.0055 U	0.0061 U	0.005 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0056 UT	0.0064 UT	0.0055 U	0.0061 U	0.005 U
Acetone	0.05	100	0.05	mg/kg		0.0067	**1.6**	0.0055 U	0.014	0.023
Benzene	0.06	4.8	0.06	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Bromochloromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Bromodichloromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Bromoform	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Bromomethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Carbon disulfide	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.00074 J
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Chloroethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Chloroform	0.37	49	0.37	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Chloromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 UT	0.0012 U	0.001 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Cyclohexane	--	--	--	mg/kg		0.0011 U	0.0044	0.0011 U	0.0012 U	0.001 U
Dibromochloromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Dibromochloropropane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9
Dichlorodifluoromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Ethylbenzene	1	41	1	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Freon 113	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Isopropylbenzene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
m+p-Xylene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Methyl acetate	--	--	--	mg/kg		0.0056 U	0.0064 U	0.0055 U	0.0061 U	0.005 U
Methylcyclohexane	--	--	--	mg/kg		0.0011 U	0.00023 J	0.0011 U	0.0012 U	0.001 U
Methylene chloride	0.05	100	0.05	mg/kg		0.00044 BJ	0.0013 U	0.00021 BJ	0.0012 U	0.00032 BJ
MTBE	0.93	100	0.93	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
n-Butylbenzene	12	100	12	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
o-Xylene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
sec-Butylbenzene	11	100	11	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Styrene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Tetrachloroethene	1.3	19	1.3	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Toluene	0.7	100	0.7	mg/kg		0.0011 U	0.003	0.0011 U	0.0012 U	0.0022
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Trichloroethene	0.47	21	0.47	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Trichlorofluoromethane	--	--	--	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.001 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.0023 U	0.0026 U	0.0022 U	0.0024 U	0.002 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	9
					Sample Designation:	MR-11	MR-11	MR-12	MR-12	MR-14
					Sample Date:	7/23/2018	7/23/2018	7/24/2018	7/24/2018	7/30/2018
					Sample Depth (ft bls):	0.25 - 0.75	5 - 6.5	1.25 - 3	3 - 4	1 - 1.5
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.0011 U	0.00037 J	0.0011 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.0011 U	0.0011 U	0.013	0.011	0.0011 U
1,2-Dibromoethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.0011 U	0.00040 J	0.0011 U	0.001 U	0.0011 U
1,2-Dichloropropane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.0011 U	0.0011 U	0.00050 J	0.0037	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.021 U	0.022 U	0.021 U	0.02 U	0.021 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.0054 U	0.0055 U	0.0040 J	0.0032 J	0.0026 J
2-Hexanone	--	--	--	mg/kg		0.0054 U	0.0055 U	0.0053 UT	0.0051 UT	0.0053 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0054 U	0.0055 U	0.0053 UT	0.0051 UT	0.0053 U
Acetone	0.05	100	0.05	mg/kg		0.0054 U	0.0066	0.022	0.016	0.0069
Benzene	0.06	4.8	0.06	mg/kg		0.0011 U	0.0018	0.00089 J	0.0011	0.0011 U
Bromochloromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Bromodichloromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Bromoform	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Bromomethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Carbon disulfide	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.00075 J	0.0011 U
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Chloroethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Chloroform	0.37	49	0.37	mg/kg		0.0011 U	0.00057 J	0.0011 U	0.001 U	0.0011 U
Chloromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Cyclohexane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Dibromochloromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Dibromochloropropane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	9
					Sample Designation:	MR-11	MR-11	MR-12	MR-12	MR-14
					Sample Date:	7/23/2018	7/23/2018	7/24/2018	7/24/2018	7/30/2018
					Sample Depth (ft bls):	0.25 - 0.75	5 - 6.5	1.25 - 3	3 - 4	1 - 1.5
Dichlorodifluoromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Ethylbenzene	1	41	1	mg/kg		0.0011 U	0.00071 J	0.015	0.014	0.0011 U
Freon 113	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Isopropylbenzene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0053	0.0042	0.0011 U
m+p-Xylene	--	--	--	mg/kg		0.00036 J	0.0016	0.0057	0.0082	0.0011 U
Methyl acetate	--	--	--	mg/kg		0.0054 U	0.0055 U	0.0053 U	0.0051 U	0.0053 U
Methylcyclohexane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Methylene chloride	0.05	100	0.05	mg/kg		0.0011 U	0.00057 BJ	0.0011 U	0.0020 B	0.0011 U
MTBE	0.93	100	0.93	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
n-Butylbenzene	12	100	12	mg/kg		0.0011 U	0.0011 U	0.00023 J	0.00015 J	0.0011 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.0011 U	0.0011 U	0.0014	0.00097 J	0.0011 U
o-Xylene	--	--	--	mg/kg		0.00026 J	0.00072 J	0.0034	0.0038	0.0011 U
sec-Butylbenzene	11	100	11	mg/kg		0.0011 U	0.0011 U	0.00011 J	0.001 U	0.0011 U
Styrene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.00019 J	0.00030 J	0.0011 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Tetrachloroethene	1.3	19	1.3	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.00033 J
Toluene	0.7	100	0.7	mg/kg		0.0011 U	0.0038	0.00090 J	0.0022	0.0011 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Trichloroethene	0.47	21	0.47	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.00016 J
Trichlorofluoromethane	--	--	--	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.00062 J	0.0023	0.009	0.012	0.0021 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	21	21	21	21
					Sample Designation:	MR-14	RX-1	RX-1	RX-1	RX-1
					Sample Date:	7/30/2018	9/26/2018	9/26/2018	9/26/2018	9/26/2018
					Sample Depth (ft bls):	5 - 6	0.5 - 2.5	5.0 - 7.0	8.0 - 10.0	13.5 - 15.5
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.0011 U	1	0.070 J	**82**	1.1
1,2-Dibromoethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,2-Dichloropropane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.0011 U	0.41	0.095 U	0.45	0.11 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.022 U	5.3 U	4.8 U	5.2 U	5.5 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.0015 J	0.53 U	0.48 U	0.52 U	0.55 U
2-Hexanone	--	--	--	mg/kg		0.0054 U	0.53 U	0.48 U	0.52 U	0.55 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0054 U	0.53 U	0.48 U	0.52 U	0.55 U
Acetone	0.05	100	0.05	mg/kg		0.0046 J	0.53 U	0.48 U	0.52 U	0.55 U
Benzene	0.06	4.8	0.06	mg/kg		0.0011 U	**0.45**	0.095 U	0.1 U	0.11 U
Bromochloromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Bromodichloromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Bromoform	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 UT	0.1 U	0.11 UT
Bromomethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 UT	0.1 U	0.11 UT
Carbon disulfide	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Chloroethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 UT	0.1 U	0.11 UT
Chloroform	0.37	49	0.37	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Chloromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Cyclohexane	--	--	--	mg/kg		0.0011 U	0.11 U	0.053 J	0.1 U	0.47
Dibromochloromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Dibromochloropropane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	21	21	21	21
					Sample Designation:	MR-14	RX-1	RX-1	RX-1	RX-1
					Sample Date:	7/30/2018	9/26/2018	9/26/2018	9/26/2018	9/26/2018
					Sample Depth (ft bls):	5 - 6	0.5 - 2.5	5.0 - 7.0	8.0 - 10.0	13.5 - 15.5
Dichlorodifluoromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Ethylbenzene	1	41	1	mg/kg		0.0011 U	**6.4**	0.12	**1.1**	0.14
Freon 113	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Isopropylbenzene	--	--	--	mg/kg		0.0011 U	1.9	0.71	7	1.4
m+p-Xylene	--	--	--	mg/kg		0.0011 U	2.4	0.22	0.11	0.11 U
Methyl acetate	--	--	--	mg/kg		0.0054 U	0.53 U	0.089 J	0.52 U	0.55 U
Methylcyclohexane	--	--	--	mg/kg		0.0011 U	5.9	0.33 T	2.8	2.4 T
Methylene chloride	0.05	100	0.05	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
MTBE	0.93	100	0.93	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
n-Butylbenzene	12	100	12	mg/kg		0.0011 U	4.5	1.3	**14**	2.3
n-Propylbenzene	3.9	100	3.9	mg/kg		0.0011 U	**4.4**	2	**19**	3.9
o-Xylene	--	--	--	mg/kg		0.0011 U	0.3	0.037 J	0.1 U	0.11 U
sec-Butylbenzene	11	100	11	mg/kg		0.0011 U	1.8	0.61	4.6	0.76
Styrene	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.0011 U	0.25	0.067 J	0.48	0.066 J
Tetrachloroethene	1.3	19	1.3	mg/kg		0.00017 J	0.11 U	0.095 U	0.1 U	0.11 U
Toluene	0.7	100	0.7	mg/kg		0.0011 U	0.22	0.15	0.1 U	0.11 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Trichloroethene	0.47	21	0.47	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Trichlorofluoromethane	--	--	--	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.0011 U	0.11 U	0.095 U	0.1 U	0.11 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.0022 U	**2.7**	0.26	0.11 J	0.22 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	21	21	21
					Sample Designation:	RX-2	RX-2	RX-3	RX-3 DUP	RX-3
					Sample Date:	9/26/2018	9/26/2018	9/27/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	0.5 - 2.5	10 - 12	0.5 - 2.5	0.5 - 2.5	10 - 12
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.0018	0.050 J	0.0013 U	0.0013 U	0.00024 J
1,2-Dibromoethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichloropropane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.00042 J	1.2	0.0013 U	0.0013 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.029 U	5.1 U	0.027 U	0.025 U	0.022 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.009	0.51 U	0.0033 J	0.0024 J	0.0049 J
2-Hexanone	--	--	--	mg/kg		0.0072 U	0.51 U	0.0067 U	0.0063 U	0.0054 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0072 U	0.51 U	0.0067 U	0.0063 U	0.0054 U
Acetone	0.05	100	0.05	mg/kg		0.039	0.51 U	0.017	0.013	0.028
Benzene	0.06	4.8	0.06	mg/kg		0.0098	0.047 J	0.0013 U	0.0013 U	0.00044 J
Bromochloromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Bromodichloromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Bromoform	--	--	--	mg/kg		0.0014 U	0.1 UT	0.0013 U	0.0013 U	0.0011 U
Bromomethane	--	--	--	mg/kg		0.0014 U	0.1 UT	0.0013 U	0.0013 U	0.0011 U
Carbon disulfide	--	--	--	mg/kg		0.0019	0.1 U	0.0013 U	0.0013 U	0.0019
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Chloroethane	--	--	--	mg/kg		0.0014 U	0.1 UT	0.0013 U	0.0013 U	0.0011 U
Chloroform	0.37	49	0.37	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Chloromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Cyclohexane	--	--	--	mg/kg		0.0014 U	11	0.0013 U	0.0013 U	0.0011 U
Dibromochloromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Dibromochloropropane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	21	21	21
					Sample Designation:	RX-2	RX-2	RX-3	RX-3 DUP	RX-3
					Sample Date:	9/26/2018	9/26/2018	9/27/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	0.5 - 2.5	10 - 12	0.5 - 2.5	0.5 - 2.5	10 - 12
Dichlorodifluoromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Ethylbenzene	1	41	1	mg/kg		0.0037	**1.1**	0.0013 U	0.0013 U	0.00034 J
Freon 113	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Isopropylbenzene	--	--	--	mg/kg		0.003	13	0.0013 U	0.0013 U	0.00074 J
m+p-Xylene	--	--	--	mg/kg		0.0066	0.058 J	0.0013 U	0.0013 U	0.00033 BJ
Methyl acetate	--	--	--	mg/kg		0.0072 U	0.51 U	0.0067 U	0.0063 U	0.0054 U
Methylcyclohexane	--	--	--	mg/kg		0.0014 U	33 T	0.0013 U	0.0013 U	0.0011 U
Methylene chloride	0.05	100	0.05	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
MTBE	0.93	100	0.93	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
n-Butylbenzene	12	100	12	mg/kg		0.0075	**16**	0.0013 U	0.0013 U	0.0011 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.0089	**43**	0.0013 U	0.0013 U	0.0011
o-Xylene	--	--	--	mg/kg		0.00050 J	0.1 U	0.0013 U	0.0013 U	0.00017 J
sec-Butylbenzene	11	100	11	mg/kg		0.0095	5.4	0.0013 U	0.0013 U	0.0011 U
Styrene	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.0012 J	0.25	0.0013 U	0.0013 U	0.00043 J
Tetrachloroethene	1.3	19	1.3	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Toluene	0.7	100	0.7	mg/kg		0.0025	0.1 U	0.0013 U	0.0013 U	0.0011 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Trichloroethene	0.47	21	0.47	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.00094 BJ
Trichlorofluoromethane	--	--	--	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.0014 U	0.1 U	0.0013 U	0.0013 U	0.0011 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.0071	0.058 J	0.0027 U	0.0025 U	0.00050 J

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9
					Sample Designation:	RX-4	RX-4	RX-5	RX-5	RX-6
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	9/28/2018
					Sample Depth (ft bls):	0.5 - 2.5	9.5 - 11.5	0.5 - 2.5	5 - 7	0.5 - 2.5
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.33	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2-Dibromoethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.11 UT	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichloropropane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.13	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
1,4-Dioxane	0.1	13	0.1	mg/kg		5.4 U	0.018 U	0.021 U	0.021 U	0.027 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.54 U	0.0027 J	0.0023 J	0.0052 U	0.0067 U
2-Hexanone	--	--	--	mg/kg		0.54 U	0.0046 U	0.0053 U	0.0052 U	0.0067 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.54 U	0.0046 U	0.0053 U	0.0052 U	0.0067 U
Acetone	0.05	100	0.05	mg/kg		0.54 U	0.011	0.018	0.0052 U	0.0067 U
Benzene	0.06	4.8	0.06	mg/kg		**0.23**	0.00092 U	0.0011 U	0.001 U	0.0013 U
Bromochloromethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Bromodichloromethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Bromoform	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Bromomethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Carbon disulfide	--	--	--	mg/kg		0.11 U	0.00072 J	0.0011 U	0.001 U	0.0013 U
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Chloroethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Chloroform	0.37	49	0.37	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Chloromethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.039 J	0.00092 U	0.0011 U	0.001 U	0.0013 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Cyclohexane	--	--	--	mg/kg		0.093 J	0.00092 U	0.0011 U	0.001 U	0.0013 U
Dibromochloromethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Dibromochloropropane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9
					Sample Designation:	RX-4	RX-4	RX-5	RX-5	RX-6
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	9/28/2018
					Sample Depth (ft bls):	0.5 - 2.5	9.5 - 11.5	0.5 - 2.5	5 - 7	0.5 - 2.5
Dichlorodifluoromethane	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Ethylbenzene	1	41	1	mg/kg		0.38	0.00092 U	0.0011 U	0.001 U	0.0013 U
Freon 113	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Isopropylbenzene	--	--	--	mg/kg		0.067 J	0.00092 U	0.0011 U	0.001 U	0.0013 U
m+p-Xylene	--	--	--	mg/kg		0.61	0.00092 U	0.0011 U	0.001 U	0.0013 U
Methyl acetate	--	--	--	mg/kg		0.54 U	0.0046 U	0.0053 U	0.0052 U	0.0067 U
Methylcyclohexane	--	--	--	mg/kg		0.85	0.00092 U	0.0011 U	0.001 U	0.0013 U
Methylene chloride	0.05	100	0.05	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.00025 BJ
MTBE	0.93	100	0.93	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
n-Butylbenzene	12	100	12	mg/kg		0.23	0.00092 U	0.0011 U	0.001 U	0.0013 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.22	0.00092 U	0.0011 U	0.001 U	0.0013 U
o-Xylene	--	--	--	mg/kg		0.14	0.00092 U	0.0011 U	0.001 U	0.0013 U
sec-Butylbenzene	11	100	11	mg/kg		0.12	0.00092 U	0.0011 U	0.001 U	0.0013 U
Styrene	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Tetrachloroethene	1.3	19	1.3	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Toluene	0.7	100	0.7	mg/kg		0.36	0.00092 U	0.0011 U	0.001 U	0.0013 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Trichloroethene	0.47	21	0.47	mg/kg		0.11 U	0.00018 BJ	0.0011 U	0.0010 B	0.00040 BJ
Trichlorofluoromethane	--	--	--	mg/kg		0.11 UT	0.00092 U	0.0011 U	0.001 U	0.0013 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.11 U	0.00092 U	0.0011 U	0.001 U	0.0013 U
Xylenes (total)	0.26	100	1.6	mg/kg		**0.75**	0.0018 U	0.0021 U	0.0021 U	0.0027 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	RX-6	RX-6	RX-7	RX-8	RX-8
					Sample Date:	9/28/2018	9/28/2018	9/28/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	9 - 11	14 - 16	0.5 - 2.5	0.5 - 2.5	8 - 10
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.00096 U	0.0012 U	0.00050 J	0.0011 U	0.001 U
1,2-Dibromoethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,2-Dichloropropane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.00096 U	0.0012 U	0.00046 J	0.0011 U	0.001 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.019 U	0.025 U	0.021 U	0.022 U	0.02 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.0048 U	0.0035 J	0.0052 U	0.0024 J	0.0024 J
2-Hexanone	--	--	--	mg/kg		0.0048 U	0.0062 U	0.0052 U	0.0054 U	0.0051 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0048 U	0.0062 U	0.0052 U	0.0054 U	0.0051 U
Acetone	0.05	100	0.05	mg/kg		0.014	0.012	0.017	0.0095	0.014
Benzene	0.06	4.8	0.06	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Bromochloromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Bromodichloromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Bromoform	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Bromomethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Carbon disulfide	--	--	--	mg/kg		0.00035 J	0.0012 U	0.00061 J	0.0011 U	0.00067 J
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Chloroethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Chloroform	0.37	49	0.37	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Chloromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Cyclohexane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Dibromochloromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Dibromochloropropane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	RX-6	RX-6	RX-7	RX-8	RX-8
					Sample Date:	9/28/2018	9/28/2018	9/28/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	9 - 11	14 - 16	0.5 - 2.5	0.5 - 2.5	8 - 10
Dichlorodifluoromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Ethylbenzene	1	41	1	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Freon 113	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Isopropylbenzene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
m+p-Xylene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.00021 J	0.0011 U	0.001 U
Methyl acetate	--	--	--	mg/kg		0.0048 U	0.0062 U	0.0052 U	0.0054 U	0.0051 U
Methylcyclohexane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Methylene chloride	0.05	100	0.05	mg/kg		0.00021 BJ	0.0012 U	0.00026 BJ	0.0011 U	0.001 U
MTBE	0.93	100	0.93	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
n-Butylbenzene	12	100	12	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
o-Xylene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.00016 J	0.0011 U	0.001 U
sec-Butylbenzene	11	100	11	mg/kg		0.00096 U	0.0012 U	0.000093 J	0.0011 U	0.001 U
Styrene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Tetrachloroethene	1.3	19	1.3	mg/kg		0.00096 U	0.0012 U	0.00016 J	0.0011 U	0.001 U
Toluene	0.7	100	0.7	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Trichloroethene	0.47	21	0.47	mg/kg		0.00096 U	0.00026 BJ	0.001 U	0.0011 U	0.001 U
Trichlorofluoromethane	--	--	--	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.00096 U	0.0012 U	0.001 U	0.0011 U	0.001 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.0019 U	0.0025 U	0.00038 J	0.0022 U	0.002 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9
					Sample Designation:	RX-9	RX-10	RX-12
					Sample Date:	10/1/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	1.0 - 2.5	1 - 3	2.5 - 4.0
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,1,2,2-Tetrachloroethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,1,2-Trichloroethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,1-Dichloroethane	0.27	26	0.27	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,1-Dichloroethene	0.33	100	0.33	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2,3-Trichlorobenzene	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2,4-Trichlorobenzene	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg		0.00098 U	0.0029	0.00099 U
1,2-Dibromoethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,2-Dichloropropane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg		0.00098 U	0.0012	0.00099 U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg		0.00098 U	0.00088 U	0.00099 U
1,4-Dioxane	0.1	13	0.1	mg/kg		0.02 U	0.018 U	0.02 U
2-Butanone (MEK)	0.12	100	0.12	mg/kg		0.0026 J	0.0016 J	0.005 U
2-Hexanone	--	--	--	mg/kg		0.0049 U	0.0044 U	0.005 U
4-Methyl-2-pentanone (MIBK)	--	--	--	mg/kg		0.0049 U	0.0044 U	0.005 U
Acetone	0.05	100	0.05	mg/kg		0.012	0.0088	0.005 U
Benzene	0.06	4.8	0.06	mg/kg		0.00098 U	0.00088 U	0.00099 U
Bromochloromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Bromodichloromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Bromoform	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Bromomethane	--	--	--	mg/kg		0.00098 UT	0.00088 UT	0.00099 UT
Carbon disulfide	--	--	--	mg/kg		0.00098 U	0.00029 J	0.00099 U
Carbon tetrachloride	0.76	2.4	0.76	mg/kg		0.00098 U	0.00088 U	0.00099 U
Chlorobenzene	1.1	100	1.1	mg/kg		0.00098 U	0.00088 U	0.00099 U
Chloroethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Chloroform	0.37	49	0.37	mg/kg		0.00098 U	0.00088 U	0.00099 U
Chloromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg		0.00098 U	0.00088 U	0.00099 U
cis-1,3-Dichloropropene	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Cyclohexane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Dibromochloromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Dibromochloropropane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U

Table 1. Summary of Volatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9
					Sample Designation:	RX-9	RX-10	RX-12
					Sample Date:	10/1/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	1.0 - 2.5	1 - 3	2.5 - 4.0
Dichlorodifluoromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Ethylbenzene	1	41	1	mg/kg		0.00098 U	0.00024 J	0.00099 U
Freon 113	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Isopropylbenzene	--	--	--	mg/kg		0.00098 U	0.00024 J	0.00099 U
m+p-Xylene	--	--	--	mg/kg		0.00046 J	0.00061 J	0.00099 U
Methyl acetate	--	--	--	mg/kg		0.0049 U	0.0044 U	0.005 U
Methylcyclohexane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Methylene chloride	0.05	100	0.05	mg/kg		0.00098 U	0.00088 U	0.00099 U
MTBE	0.93	100	0.93	mg/kg		0.00098 U	0.00088 U	0.00099 U
n-Butylbenzene	12	100	12	mg/kg		0.00098 U	0.00088 U	0.00099 U
n-Propylbenzene	3.9	100	3.9	mg/kg		0.00098 U	0.00088 U	0.00099 U
o-Xylene	--	--	--	mg/kg		0.00056 J	0.00070 J	0.00099 U
sec-Butylbenzene	11	100	11	mg/kg		0.00098 U	0.00088 U	0.00099 U
Styrene	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
tert-Butylbenzene	5.9	100	5.9	mg/kg		0.00098 U	0.00088 U	0.00099 U
Tetrachloroethene	1.3	19	1.3	mg/kg		0.00098 U	0.00088 U	0.00022 J
Toluene	0.7	100	0.7	mg/kg		0.00098 U	0.00088 U	0.00099 U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg		0.00098 U	0.00088 U	0.00099 U
trans-1,3-Dichloropropene	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Trichloroethene	0.47	21	0.47	mg/kg		0.00098 U	0.00088 U	0.00099 U
Trichlorofluoromethane	--	--	--	mg/kg		0.00098 U	0.00088 U	0.00099 U
Vinyl chloride	0.02	0.9	0.02	mg/kg		0.00098 U	0.00088 U	0.00099 U
Xylenes (total)	0.26	100	1.6	mg/kg		0.0010 J	0.0013 J	0.002 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9	MR-11	MR-11
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018	7/23/2018	7/23/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9	0.25 - 0.75	5 - 6.5
1,1'-Biphenyl	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
1,2,4,5-Tetrachlorobenzene	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2,3,4,6-Tetrachlorophenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2,4,5-Trichlorophenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2,4,6-Trichlorophenol	--	--	--	mg/kg		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U	0.16 U
2,4-Dichlorophenol	--	--	--	mg/kg		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U	0.16 U
2,4-Dimethylphenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2,4-Dinitrophenol	--	--	--	mg/kg		0.29 U	0.31 U	0.29 U	0.3 U	0.29 U	0.32 U	0.31 U
2,4-Dinitrotoluene	--	--	--	mg/kg		0.073 U	0.077 U	0.073 U	0.075 U	0.072 U	0.08 U	0.079 U
2,6-Dinitrotoluene	--	--	--	mg/kg		0.073 U	0.077 U	0.073 U	0.075 U	0.072 U	0.08 U	0.079 U
2-Chloronaphthalene	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2-Chlorophenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2-Methylnaphthalene	--	--	--	mg/kg		0.011 J	0.38 U	0.43	0.034 J	0.35 U	0.029 J	0.39 U
2-Methylphenol	0.33	100	0.33	mg/kg		0.36 U	0.38 U	0.36 U	0.37 UT	0.35 UT	0.4 UT	0.39 UT
2-Nitroaniline	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
2-Nitrophenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
3&4-Methylphenol	0.33	100	0.33	mg/kg		0.36 U	0.38 U	0.016 J	0.37 UT	0.35 UT	0.4 U	0.39 U
3,3'-Dichlorobenzidine	--	--	--	mg/kg		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U	0.16 U
3-Nitroaniline	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4,6-Dinitro-2-methylphenol	--	--	--	mg/kg		0.29 U	0.31 U	0.29 U	0.3 U	0.29 U	0.32 U	0.31 U
4-Bromophenyl phenyl ether	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4-Chloro-3-methylphenol	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4-Chloroaniline	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4-Chlorophenyl phenyl ether	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4-Methylphenol	0.33	100	0.33	mg/kg		0.36 U	0.38 U	0.016 J	0.37 UT	0.35 UT	0.4 U	0.39 U
4-Nitroaniline	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
4-Nitrophenol	--	--	--	mg/kg		0.73 U	0.77 U	0.73 U	0.75 U	0.72 U	0.8 U	0.79 U
Acenaphthene	20	100	98	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Acenaphthylene	100	100	107	mg/kg		0.014 J	0.38 U	0.36 U	0.044 J	0.35 U	0.4 U	0.011 J
Acetophenone	--	--	--	mg/kg		0.36 U	0.38 U	0.072 J	0.013 J	0.35 U	0.073 J	0.39 U
Anthracene	100	100	1000	mg/kg		0.057 J	0.047 J	0.16 J	0.045 J	0.35 U	0.023 J	0.39 U
Atrazine	--	--	--	mg/kg		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U	0.16 U
Benzaldehyde	--	--	--	mg/kg		0.36 UT	0.38 UT	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Benzo[a]anthracene	1	1	1	mg/kg		0.25	0.14	0.036 U	0.25	0.035 U	0.027 J	0.038 J
Benzo[a]pyrene	1	1	22	mg/kg		0.25	0.13	0.036 U	0.31	0.024 J	0.025 J	0.041
Benzo[b]fluoranthene	1	1	1.7	mg/kg		0.34	0.14	0.036 U	0.45	0.045	0.039 J	0.052
Benzo[g,h,i]perylene	100	100	1000	mg/kg		0.19 J	0.075 J	0.36 U	0.17 J	0.031 J	0.11 J	0.028 J
Benzo[k]fluoranthene	0.8	3.9	1.7	mg/kg		0.11	0.069	0.036 U	0.17	0.035 U	0.015 J	0.026 J
Bis(2-chloro-1-methylethyl)ether	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Bis(2-chloroethoxy)methane	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 UT	0.35 UT	0.4 UT	0.39 UT

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9	MR-11	MR-11
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018	7/23/2018	7/23/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9	0.25 - 0.75	5 - 6.5
Bis(2-chloroethyl) ether	--	--	--	mg/kg		0.036 U	0.038 U	0.036 U	0.037 UT	0.035 UT	0.04 UT	0.039 UT
Bis(2-ethylhexyl) phthalate	--	--	--	mg/kg		0.15 J	0.38 U	0.36 U	0.26 J	1	0.41	0.12 J
Butylbenzyl phthalate	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Caprolactam	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Carbazole	--	--	--	mg/kg		0.027 J	0.016 J	0.36 U	0.028 J	0.35 U	0.4 U	0.39 U
Chrysene	1	3.9	1	mg/kg		0.26 J	0.12 J	0.36 U	0.28 J	0.35 U	0.037 J	0.045 J
Dibenzo[a,h]anthracene	0.33	0.33	1000	mg/kg		0.041	0.020 J	0.036 U	0.053	0.035 U	0.04 U	0.039 U
Dibenzofuran	7	59	210	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Diethyl phthalate	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Dimethyl phthalate	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Di-n-butyl phthalate	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Di-n-octyl phthalate	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Fluoranthene	100	100	1000	mg/kg		0.45	0.24 J	0.36 U	0.34 J	0.028 J	0.028 J	0.037 J
Fluorene	30	100	386	mg/kg		0.017 J	0.013 J	0.63	0.012 J	0.35 U	0.4 U	0.39 U
Hexachlorobenzene	0.33	1.2	3.2	mg/kg		0.036 U	0.038 U	0.036 U	0.037 U	0.035 U	0.04 U	0.039 U
Hexachlorobutadiene	--	--	--	mg/kg		0.073 U	0.077 U	0.073 U	0.075 U	0.072 U	0.08 U	0.079 U
Hexachlorocyclopentadiene	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Hexachloroethane	--	--	--	mg/kg		0.036 U	0.038 U	0.036 U	0.037 U	0.035 U	0.04 U	0.039 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	mg/kg		0.19	0.079	0.036 U	0.19	0.035 U	0.079	0.033 J
Isophorone	--	--	--	mg/kg		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U	0.16 U
Naphthalene	12	100	12	mg/kg		0.014 J	0.014 J	0.36 U	0.035 J	0.35 U	0.023 J	0.39 U
Nitrobenzene	--	--	--	mg/kg		0.036 U	0.038 U	0.036 U	0.037 U	0.035 U	0.04 U	0.039 U
n-Nitrosodi-n-propylamine	--	--	--	mg/kg		0.036 U	0.038 U	0.036 U	0.037 U	0.035 U	0.04 U	0.039 U
n-Nitrosodiphenylamine	--	--	--	mg/kg		0.36 U	0.38 U	0.36 U	0.37 U	0.35 U	0.4 U	0.39 U
Pentachlorophenol	0.8	6.7	0.8	mg/kg		0.29 U	0.31 U	0.29 U	0.3 U	0.29 U	0.32 U	0.31 U
Phenanthrene	100	100	1000	mg/kg		0.23 J	0.16 J	1.3	0.14 J	0.018 J	0.039 J	0.020 J
Phenol	0.33	100	0.33	mg/kg		0.36 UT	0.38 UT	0.018 J	0.37 UT	0.35 UT	0.4 UT	0.39 UT
Pyrene	100	100	1000	mg/kg		0.47	0.26 J	0.36 U	0.4	0.35 U	0.030 J	0.037 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	9	21	21
					Sample Designation:	MR-12	MR-12	MR-14	MR-14	RX-1	RX-1
					Sample Date:	7/24/2018	7/24/2018	7/30/2018	7/30/2018	9/26/2018	9/26/2018
					Sample Depth (ft bls):	1.25 - 3	3 - 4	1 - 1.5	5 - 6	0.5 - 2.5	8 - 10
1,1'-Biphenyl	--	--	--	mg/kg		0.039 J	0.039 J	0.38 U	0.38 U	0.027 J	0.12 J
1,2,4,5-Tetrachlorobenzene	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2,3,4,6-Tetrachlorophenol	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2,4,5-Trichlorophenol	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2,4,6-Trichlorophenol	--	--	--	mg/kg		0.16 U	0.16 U	0.15 U	0.15 U	0.14 U	0.31 U
2,4-Dichlorophenol	--	--	--	mg/kg		0.16 U	0.16 U	0.15 U	0.15 U	0.14 U	0.31 U
2,4-Dimethylphenol	--	--	--	mg/kg		0.024 J	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2,4-Dinitrophenol	--	--	--	mg/kg		0.32 U	0.32 U	0.31 U	0.3 U	0.29 U	0.62 U
2,4-Dinitrotoluene	--	--	--	mg/kg		0.08 U	0.08 U	0.078 U	0.077 U	0.072 U	0.16 U
2,6-Dinitrotoluene	--	--	--	mg/kg		0.08 U	0.08 U	0.078 U	0.077 U	0.072 U	0.16 U
2-Chloronaphthalene	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2-Chlorophenol	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2-Methylnaphthalene	--	--	--	mg/kg		0.27 J	0.22 J	0.017 J	0.38 U	2.1	9.7
2-Methylphenol	0.33	100	0.33	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2-Nitroaniline	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
2-Nitrophenol	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
3&4-Methylphenol	0.33	100	0.33	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
3,3'-Dichlorobenzidine	--	--	--	mg/kg		0.16 U	0.16 U	0.15 U	0.15 U	0.14 U	0.31 U
3-Nitroaniline	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4,6-Dinitro-2-methylphenol	--	--	--	mg/kg		0.32 U	0.32 U	0.31 U	0.3 U	0.29 U	0.62 U
4-Bromophenyl phenyl ether	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Chloro-3-methylphenol	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Chloroaniline	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Chlorophenyl phenyl ether	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Methylphenol	0.33	100	0.33	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Nitroaniline	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
4-Nitrophenol	--	--	--	mg/kg		0.8 U	0.8 U	0.78 U	0.77 U	0.72 U	1.6 U
Acenaphthene	20	100	98	mg/kg		0.29 J	0.30 J	0.043 J	0.38 U	0.36 U	0.77 U
Acenaphthylene	100	100	107	mg/kg		0.39 U	0.4 U	0.025 J	0.016 J	0.010 J	0.77 U
Acetophenone	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Anthracene	100	100	1000	mg/kg		0.13 J	0.24 J	0.14 J	0.074 J	0.014 J	0.77 U
Atrazine	--	--	--	mg/kg		0.16 U	0.16 U	0.15 U	0.15 U	0.14 U	0.31 U
Benzaldehyde	--	--	--	mg/kg		0.39 UT	0.4 UT	0.38 U	0.38 U	0.36 U	0.77 U
Benzo[a]anthracene	1	1	1	mg/kg		0.17	0.19	0.71	0.34	0.078	0.077 U
Benzo[a]pyrene	1	1	22	mg/kg		0.096	0.1	0.58	0.3	0.11	0.077 U
Benzo[b]fluoranthene	1	1	1.7	mg/kg		0.14	0.15	0.75	0.38	0.15	0.077 U
Benzo[g,h,i]perylene	100	100	1000	mg/kg		0.039 J	0.046 J	0.32 J	0.19 J	0.10 J	0.77 U
Benzo[k]fluoranthene	0.8	3.9	1.7	mg/kg		0.058	0.04 U	0.3	0.16	0.054	0.077 U
Bis(2-chloro-1-methylethyl)ether	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Bis(2-chloroethoxy)methane	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	9	21	21
					Sample Designation:	MR-12	MR-12	MR-14	MR-14	RX-1	RX-1
					Sample Date:	7/24/2018	7/24/2018	7/30/2018	7/30/2018	9/26/2018	9/26/2018
					Sample Depth (ft bls):	1.25 - 3	3 - 4	1 - 1.5	5 - 6	0.5 - 2.5	8 - 10
Bis(2-chloroethyl) ether	--	--	--	mg/kg		0.039 U	0.04 U	0.038 U	0.038 U	0.036 U	0.077 U
Bis(2-ethylhexyl) phthalate	--	--	--	mg/kg		0.32 J	0.56	0.4	0.24 J	0.068 J	0.77 U
Butylbenzyl phthalate	--	--	--	mg/kg		0.83	1.3	0.38 U	0.38 U	0.36 U	0.77 U
Caprolactam	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Carbazole	--	--	--	mg/kg		0.21 J	0.34 J	0.043 J	0.021 J	0.36 U	0.77 U
Chrysene	1	3.9	1	mg/kg		0.18 J	0.20 J	0.78	0.35 J	0.12 J	0.77 U
Dibenzo[a,h]anthracene	0.33	0.33	1000	mg/kg		0.039 U	0.04 U	0.089	0.04	0.026 J	0.077 U
Dibenzofuran	7	59	210	mg/kg		0.25 J	0.21 J	0.016 J	0.012 J	0.0077 J	0.77 U
Diethyl phthalate	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Dimethyl phthalate	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Di-n-butyl phthalate	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Di-n-octyl phthalate	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Fluoranthene	100	100	1000	mg/kg		0.73	0.97	1.3	0.6	0.16 J	0.014 J
Fluorene	30	100	386	mg/kg		0.36 J	0.4	0.033 J	0.017 J	0.021 J	0.039 J
Hexachlorobenzene	0.33	1.2	3.2	mg/kg		0.039 U	0.04 U	0.038 U	0.038 U	0.036 U	0.077 U
Hexachlorobutadiene	--	--	--	mg/kg		0.08 U	0.08 U	0.078 UT	0.077 UT	0.072 U	0.16 U
Hexachlorocyclopentadiene	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Hexachloroethane	--	--	--	mg/kg		0.039 U	0.04 U	0.038 U	0.038 U	0.036 U	0.077 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	mg/kg		0.043	0.054	0.39	0.22	0.09	0.077 U
Isophorone	--	--	--	mg/kg		0.16 U	0.16 U	0.15 U	0.15 U	0.14 U	0.31 U
Naphthalene	12	100	12	mg/kg		1.9	1.8	0.034 J	0.012 J	3.2	11
Nitrobenzene	--	--	--	mg/kg		0.039 U	0.04 U	0.038 U	0.038 U	0.036 U	0.077 U
n-Nitrosodi-n-propylamine	--	--	--	mg/kg		0.039 U	0.04 U	0.038 U	0.038 U	0.036 U	0.077 U
n-Nitrosodiphenylamine	--	--	--	mg/kg		0.39 U	0.4 U	0.38 U	0.38 U	0.36 U	0.77 U
Pentachlorophenol	0.8	6.7	0.8	mg/kg		0.32 U	0.32 U	0.31 U	0.3 U	0.29 U	0.62 U
Phenanthrene	100	100	1000	mg/kg		1.2	1.4	0.65	0.32 J	0.068 J	0.067 J
Phenol	0.33	100	0.33	mg/kg		0.39 UT	0.4 UT	0.38 U	0.38 U	0.36 U	0.77 U
Pyrene	100	100	1000	mg/kg		0.63	0.86	1.4	0.63	0.20 J	0.022 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	21	21	21	21
					Sample Designation:	RX-1	RX-2	RX-2	RX-3	RX-3 DUP	RX-3
					Sample Date:	9/26/2018	9/26/2018	9/26/2018	9/27/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	13.5 - 15.5	0.5 - 2.5	10 - 12	0.5 - 2.5	0.5 - 2.5	10 - 12
1,1'-Biphenyl	--	--	--	mg/kg		0.4 U	0.5 U	0.040 J	0.49 U	0.48 U	0.37 U
1,2,4,5-Tetrachlorobenzene	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2,3,4,6-Tetrachlorophenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	mg/kg		0.16 U	0.2 U	0.16 U	0.2 U	0.19 U	0.15 U
2,4-Dichlorophenol	--	--	--	mg/kg		0.16 U	0.2 U	0.16 U	0.2 U	0.19 U	0.15 U
2,4-Dimethylphenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2,4-Dinitrophenol	--	--	--	mg/kg		0.33 U	0.41 U	0.32 U	0.4 U	0.39 U	0.3 U
2,4-Dinitrotoluene	--	--	--	mg/kg		0.082 U	0.1 U	0.081 U	0.1 U	0.098 U	0.075 U
2,6-Dinitrotoluene	--	--	--	mg/kg		0.082 U	0.1 U	0.081 U	0.1 U	0.098 U	0.075 U
2-Chloronaphthalene	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2-Chlorophenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2-Methylnaphthalene	--	--	--	mg/kg		0.66	0.16 J	4.2	0.036 J	0.48 U	0.37 U
2-Methylphenol	0.33	100	0.33	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2-Nitroaniline	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
2-Nitrophenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
3&4-Methylphenol	0.33	100	0.33	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	mg/kg		0.16 U	0.2 U	0.16 U	0.2 U	0.19 U	0.15 U
3-Nitroaniline	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4,6-Dinitro-2-methylphenol	--	--	--	mg/kg		0.33 U	0.41 U	0.32 U	0.4 U	0.39 U	0.3 U
4-Bromophenyl phenyl ether	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Chloro-3-methylphenol	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Chloroaniline	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Chlorophenyl phenyl ether	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Methylphenol	0.33	100	0.33	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Nitroaniline	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
4-Nitrophenol	--	--	--	mg/kg		0.82 U	1 U	0.81 U	1 U	0.98 U	0.75 U
Acenaphthene	20	100	98	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Acenaphthylene	100	100	107	mg/kg		0.4 U	0.5 U	0.011 J	0.013 J	0.023 J	0.37 U
Acetophenone	--	--	--	mg/kg		0.4 U	0.10 J	0.4 U	0.011 J	0.48 U	0.37 U
Anthracene	100	100	1000	mg/kg		0.4 U	0.5 U	0.0071 J	0.014 J	0.034 J	0.37 U
Atrazine	--	--	--	mg/kg		0.16 U	0.2 U	0.16 U	0.2 U	0.19 U	0.15 U
Benzaldehyde	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Benzo[a]anthracene	1	1	1	mg/kg		0.04 U	0.05 U	0.015 J	0.072	0.12	0.027 J
Benzo[a]pyrene	1	1	22	mg/kg		0.04 U	0.05 U	0.04 U	0.061	0.1	0.015 J
Benzo[b]fluoranthene	1	1	1.7	mg/kg		0.04 U	0.018 J	0.04 U	0.1	0.14	0.024 J
Benzo[g,h,i]perylene	100	100	1000	mg/kg		0.4 U	0.5 U	0.4 U	0.052 J	0.098 J	0.011 J
Benzo[k]fluoranthene	0.8	3.9	1.7	mg/kg		0.04 U	0.05 U	0.04 U	0.034 J	0.059	0.0092 J
Bis(2-chloro-1-methylethyl)ether	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Bis(2-chloroethoxy)methane	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	21	21	21	21
					Sample Designation:	RX-1	RX-2	RX-2	RX-3	RX-3 DUP	RX-3
					Sample Date:	9/26/2018	9/26/2018	9/26/2018	9/27/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	13.5 - 15.5	0.5 - 2.5	10 - 12	0.5 - 2.5	0.5 - 2.5	10 - 12
Bis(2-chloroethyl) ether	--	--	--	mg/kg		0.04 U	0.05 U	0.04 U	0.049 UT	0.048 UT	0.037 UT
Bis(2-ethylhexyl) phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Butylbenzyl phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Caprolactam	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Carbazole	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.026 J	0.37 U
Chrysene	1	3.9	1	mg/kg		0.4 U	0.020 J	0.0073 J	0.084 J	0.11 J	0.022 J
Dibenzo[a,h]anthracene	0.33	0.33	1000	mg/kg		0.04 U	0.05 U	0.04 U	0.049 U	0.023 J	0.037 U
Dibenzofuran	7	59	210	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.012 J	0.37 U
Diethyl phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Dimethyl phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Di-n-butyl phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.12 J	0.48 U	0.37 U
Di-n-octyl phthalate	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Fluoranthene	100	100	1000	mg/kg		0.011 J	0.023 J	0.018 J	0.11 J	0.21 J	0.031 J
Fluorene	30	100	386	mg/kg		0.0091 J	0.014 J	0.033 J	0.49 U	0.019 J	0.37 U
Hexachlorobenzene	0.33	1.2	3.2	mg/kg		0.04 U	0.05 U	0.04 U	0.049 U	0.048 U	0.037 U
Hexachlorobutadiene	--	--	--	mg/kg		0.082 U	0.1 U	0.081 U	0.1 U	0.098 U	0.075 U
Hexachlorocyclopentadiene	--	--	--	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Hexachloroethane	--	--	--	mg/kg		0.04 U	0.05 U	0.04 U	0.049 UT	0.048 UT	0.037 UT
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	mg/kg		0.04 U	0.05 U	0.04 U	0.054	0.095	0.037 U
Isophorone	--	--	--	mg/kg		0.16 U	0.2 U	0.16 U	0.2 U	0.19 U	0.15 U
Naphthalene	12	100	12	mg/kg		0.91	0.31 J	4.3	0.038 J	0.48 U	0.37 U
Nitrobenzene	--	--	--	mg/kg		0.04 U	0.05 U	0.04 U	0.049 UT	0.048 UT	0.037 UT
n-Nitrosodi-n-propylamine	--	--	--	mg/kg		0.04 U	0.05 U	0.04 U	0.049 U	0.048 U	0.037 U
n-Nitrosodiphenylamine	--	--	--	mg/kg		0.0085 J	0.5 U	0.037 J	0.49 U	0.48 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	mg/kg		0.33 U	0.41 U	0.32 U	0.4 U	0.39 U	0.3 U
Phenanthrene	100	100	1000	mg/kg		0.016 J	0.031 J	0.055 J	0.067 J	0.17 J	0.020 J
Phenol	0.33	100	0.33	mg/kg		0.4 U	0.5 U	0.4 U	0.49 U	0.48 U	0.37 U
Pyrene	100	100	1000	mg/kg		0.012 J	0.026 J	0.022 J	0.11 J	0.20 J	0.033 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9	9
					Sample Designation:	RX-4	RX-4	RX-5	RX-5	RX-6	RX-6
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	9/28/2018	9/28/2018
					Sample Depth (ft bls):	0.5 - 2.5	9.5 - 11.5	0.5 - 2.5	5 - 7	0.5 - 2.5	9 - 11
1,1'-Biphenyl	--	--	--	mg/kg		0.064 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
1,2,4,5-Tetrachlorobenzene	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2,3,4,6-Tetrachlorophenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2,4,5-Trichlorophenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2,4,6-Trichlorophenol	--	--	--	mg/kg		0.3 U	0.15 U	0.14 U	0.15 U	0.18 U	0.15 U
2,4-Dichlorophenol	--	--	--	mg/kg		0.3 U	0.15 U	0.14 U	0.15 U	0.18 U	0.15 U
2,4-Dimethylphenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2,4-Dinitrophenol	--	--	--	mg/kg		0.6 U	0.31 U	0.29 U	0.3 U	0.37 U	0.31 U
2,4-Dinitrotoluene	--	--	--	mg/kg		0.15 U	0.077 U	0.072 U	0.075 U	0.093 U	0.078 U
2,6-Dinitrotoluene	--	--	--	mg/kg		0.15 U	0.077 U	0.072 U	0.075 U	0.093 U	0.078 U
2-Chloronaphthalene	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2-Chlorophenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2-Methylnaphthalene	--	--	--	mg/kg		1.3	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2-Methylphenol	0.33	100	0.33	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2-Nitroaniline	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
2-Nitrophenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
3&4-Methylphenol	0.33	100	0.33	mg/kg		0.033 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
3,3'-Dichlorobenzidine	--	--	--	mg/kg		0.3 U	0.15 U	0.14 U	0.15 U	0.18 U	0.15 U
3-Nitroaniline	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4,6-Dinitro-2-methylphenol	--	--	--	mg/kg		0.6 U	0.31 U	0.29 U	0.3 U	0.37 U	0.31 U
4-Bromophenyl phenyl ether	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Chloro-3-methylphenol	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Chloroaniline	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Chlorophenyl phenyl ether	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Methylphenol	0.33	100	0.33	mg/kg		0.033 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Nitroaniline	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
4-Nitrophenol	--	--	--	mg/kg		1.5 U	0.77 U	0.72 U	0.75 U	0.93 U	0.78 U
Acenaphthene	20	100	98	mg/kg		0.14 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Acenaphthylene	100	100	107	mg/kg		0.083 J	0.014 J	0.35 U	0.37 U	0.0089 J	0.38 U
Acetophenone	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Anthracene	100	100	1000	mg/kg		0.20 J	0.029 J	0.35 U	0.37 U	0.066 J	0.030 J
Atrazine	--	--	--	mg/kg		0.3 U	0.15 U	0.14 U	0.15 U	0.18 U	0.15 U
Benzaldehyde	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Benzo[a]anthracene	1	1	1	mg/kg		0.46	0.030 J	0.034 J	0.037 U	0.24	0.08
Benzo[a]pyrene	1	1	22	mg/kg		0.47	0.025 J	0.034 J	0.037 U	0.22	0.067
Benzo[b]fluoranthene	1	1	1.7	mg/kg		0.83	0.043	0.049	0.037 U	0.29	0.087
Benzo[g,h,i]perylene	100	100	1000	mg/kg		0.28 J	0.38 U	0.044 J	0.37 U	0.15 J	0.044 J
Benzo[k]fluoranthene	0.8	3.9	1.7	mg/kg		0.26	0.016 J	0.018 J	0.037 U	0.1	0.031 J
Bis(2-chloro-1-methylethyl)ether	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Bis(2-chloroethoxy)methane	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9	9
					Sample Designation:	RX-4	RX-4	RX-5	RX-5	RX-6	RX-6
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	9/28/2018	9/28/2018
					Sample Depth (ft bls):	0.5 - 2.5	9.5 - 11.5	0.5 - 2.5	5 - 7	0.5 - 2.5	9 - 11
Bis(2-chloroethyl) ether	--	--	--	mg/kg		0.074 UT	0.038 UT	0.035 UT	0.037 U	0.046 UT	0.038 UT
Bis(2-ethylhexyl) phthalate	--	--	--	mg/kg		1.2	0.38 U	0.036 J	0.37 U	0.46 U	0.38 U
Butylbenzyl phthalate	--	--	--	mg/kg		0.12 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Caprolactam	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Carbazole	--	--	--	mg/kg		0.084 J	0.38 U	0.35 U	0.37 U	0.017 J	0.013 J
Chrysene	1	3.9	1	mg/kg		0.53 J	0.031 J	0.038 J	0.37 U	0.25 J	0.071 J
Dibenzo[a,h]anthracene	0.33	0.33	1000	mg/kg		0.070 J	0.038 U	0.035 U	0.037 U	0.041 J	0.038 U
Dibenzofuran	7	59	210	mg/kg		0.13 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Diethyl phthalate	--	--	--	mg/kg		0.036 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Dimethyl phthalate	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Di-n-butyl phthalate	--	--	--	mg/kg		0.31 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Di-n-octyl phthalate	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Fluoranthene	100	100	1000	mg/kg		0.94	0.057 J	0.035 J	0.37 U	0.46	0.15 J
Fluorene	30	100	386	mg/kg		0.25 J	0.38 U	0.35 U	0.37 U	0.016 J	0.013 J
Hexachlorobenzene	0.33	1.2	3.2	mg/kg		0.074 U	0.038 U	0.035 U	0.037 U	0.046 U	0.038 U
Hexachlorobutadiene	--	--	--	mg/kg		0.15 U	0.077 U	0.072 U	0.075 U	0.093 U	0.078 U
Hexachlorocyclopentadiene	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Hexachloroethane	--	--	--	mg/kg		0.074 UT	0.038 UT	0.035 UT	0.037 U	0.046 UT	0.038 UT
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	mg/kg		0.28	0.021 J	0.028 J	0.037 U	0.16	0.046
Isophorone	--	--	--	mg/kg		0.3 U	0.15 U	0.14 U	0.15 U	0.18 U	0.15 U
Naphthalene	12	100	12	mg/kg		0.71 J	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Nitrobenzene	--	--	--	mg/kg		0.074 UT	0.038 UT	0.035 UT	0.037 U	0.046 UT	0.038 UT
n-Nitrosodi-n-propylamine	--	--	--	mg/kg		0.074 U	0.038 U	0.035 U	0.037 U	0.046 U	0.038 U
n-Nitrosodiphenylamine	--	--	--	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Pentachlorophenol	0.8	6.7	0.8	mg/kg		0.6 U	0.31 U	0.29 U	0.3 U	0.37 U	0.31 U
Phenanthrene	100	100	1000	mg/kg		1	0.038 J	0.015 J	0.37 U	0.30 J	0.12 J
Phenol	0.33	100	0.33	mg/kg		0.74 U	0.38 U	0.35 U	0.37 U	0.46 U	0.38 U
Pyrene	100	100	1000	mg/kg		1.3	0.046 J	0.048 J	0.37 U	0.48	0.16 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9	9	9
					Sample Designation:	RX-6	RX-7	RX-8	RX-8	RX-9	RX-10	RX-12
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	10/1/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	14 - 16	0.5 - 2.5	0.5 - 2.5	8 - 10	1.0 - 2.5	1 - 3	2.5 - 4.0
1,1'-Biphenyl	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.032 J	0.36 U
1,2,4,5-Tetrachlorobenzene	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2,3,4,6-Tetrachlorophenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	--	--	--	mg/kg		0.17 U	0.15 U	0.14 U	0.16 U	0.16 U	0.15 U	0.14 U
2,4-Dichlorophenol	--	--	--	mg/kg		0.17 U	0.15 U	0.14 U	0.16 U	0.16 U	0.15 U	0.14 U
2,4-Dimethylphenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2,4-Dinitrophenol	--	--	--	mg/kg		0.33 U	0.3 U	0.29 U	0.32 U	0.32 U	0.3 U	0.29 U
2,4-Dinitrotoluene	--	--	--	mg/kg		0.083 U	0.075 U	0.072 U	0.08 U	0.08 U	0.075 U	0.072 U
2,6-Dinitrotoluene	--	--	--	mg/kg		0.083 U	0.075 U	0.072 U	0.08 U	0.08 U	0.075 U	0.072 U
2-Chloronaphthalene	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2-Chlorophenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2-Methylnaphthalene	--	--	--	mg/kg		0.41 U	0.035 J	0.0088 J	0.4 U	0.010 J	0.11 J	0.014 J
2-Methylphenol	0.33	100	0.33	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2-Nitroaniline	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
2-Nitrophenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
3&4-Methylphenol	0.33	100	0.33	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	--	--	--	mg/kg		0.17 U	0.15 U	0.14 U	0.16 U	0.16 U	0.15 U	0.14 U
3-Nitroaniline	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4,6-Dinitro-2-methylphenol	--	--	--	mg/kg		0.33 U	0.3 U	0.29 U	0.32 U	0.32 U	0.3 U	0.29 U
4-Bromophenyl phenyl ether	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Chloro-3-methylphenol	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Chloroaniline	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Chlorophenyl phenyl ether	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Methylphenol	0.33	100	0.33	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Nitroaniline	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
4-Nitrophenol	--	--	--	mg/kg		0.83 U	0.75 U	0.72 U	0.8 U	0.8 U	0.75 U	0.72 U
Acenaphthene	20	100	98	mg/kg		0.41 U	0.027 J	0.35 U	0.4 U	0.39 U	0.29 J	0.053 J
Acenaphthylene	100	100	107	mg/kg		0.41 U	0.035 J	0.35 U	0.4 U	0.021 J	0.37 U	0.026 J
Acetophenone	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Anthracene	100	100	1000	mg/kg		0.41 U	0.067 J	0.0084 J	0.4 U	0.39 U	0.53	0.15 J
Atrazine	--	--	--	mg/kg		0.17 U	0.15 U	0.14 U	0.16 U	0.16 U	0.15 U	0.14 U
Benzaldehyde	--	--	--	mg/kg		0.41 U	0.37 U	0.016 J	0.4 U	0.39 U	0.37 U	0.36 U
Benzo[a]anthracene	1	1	1	mg/kg		0.041 U	0.23	0.052	0.04 U	0.034 J	0.36	0.56
Benzo[a]pyrene	1	1	22	mg/kg		0.041 U	0.24	0.044	0.04 U	0.025 J	0.15	0.44
Benzo[b]fluoranthene	1	1	1.7	mg/kg		0.041 U	0.34	0.065	0.04 U	0.041	0.23	0.55
Benzo[g,h,i]perylene	100	100	1000	mg/kg		0.41 U	0.15 J	0.031 J	0.4 U	0.022 J	0.058 J	0.27 J
Benzo[k]fluoranthene	0.8	3.9	1.7	mg/kg		0.041 U	0.097	0.024 J	0.04 U	0.012 J	0.13	0.13
Bis(2-chloro-1-methylethyl)ether	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Bis(2-chloroethoxy)methane	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	21	21	9	9	9
					Sample Designation:	RX-6	RX-7	RX-8	RX-8	RX-9	RX-10	RX-12
					Sample Date:	9/28/2018	9/28/2018	9/27/2018	9/27/2018	10/1/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	14 - 16	0.5 - 2.5	0.5 - 2.5	8 - 10	1.0 - 2.5	1 - 3	2.5 - 4.0
Bis(2-chloroethyl) ether	--	--	--	mg/kg		0.041 UT	0.037 UT	0.035 UT	0.04 UT	0.039 U	0.037 U	0.036 U
Bis(2-ethylhexyl) phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.065 J	0.023 J
Butylbenzyl phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.027 J	0.037 J
Caprolactam	--	--	--	mg/kg		0.41 U	0.14 J	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Carbazole	--	--	--	mg/kg		0.41 U	0.016 J	0.35 U	0.4 U	0.39 U	0.18 J	0.047 J
Chrysene	1	3.9	1	mg/kg		0.41 U	0.27 J	0.063 J	0.4 U	0.030 J	0.35 J	0.58
Dibenzo[a,h]anthracene	0.33	0.33	1000	mg/kg		0.041 U	0.039	0.035 U	0.04 U	0.039 U	0.017 J	0.064
Dibenzofuran	7	59	210	mg/kg		0.41 U	0.018 J	0.35 U	0.4 U	0.017 J	0.32 J	0.018 J
Diethyl phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Dimethyl phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Di-n-butyl phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Di-n-octyl phthalate	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Fluoranthene	100	100	1000	mg/kg		0.41 U	0.39	0.088 J	0.4 U	0.063 J	2.2	0.87
Fluorene	30	100	386	mg/kg		0.41 U	0.034 J	0.35 U	0.4 U	0.014 J	0.56	0.048 J
Hexachlorobenzene	0.33	1.2	3.2	mg/kg		0.041 U	0.037 U	0.035 U	0.04 U	0.039 U	0.037 U	0.036 U
Hexachlorobutadiene	--	--	--	mg/kg		0.083 U	0.075 U	0.072 U	0.08 U	0.08 U	0.075 U	0.072 U
Hexachlorocyclopentadiene	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Hexachloroethane	--	--	--	mg/kg		0.041 UT	0.037 UT	0.035 UT	0.04 UT	0.039 U	0.037 U	0.036 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	mg/kg		0.041 U	0.16	0.031 J	0.04 U	0.026 J	0.07	0.31
Isophorone	--	--	--	mg/kg		0.17 U	0.15 U	0.14 U	0.16 U	0.16 U	0.15 U	0.14 U
Naphthalene	12	100	12	mg/kg		0.41 U	0.040 J	0.010 J	0.4 U	0.037 J	0.42	0.016 J
Nitrobenzene	--	--	--	mg/kg		0.041 UT	0.037 UT	0.035 UT	0.04 UT	0.039 U	0.037 U	0.036 U
n-Nitrosodi-n-propylamine	--	--	--	mg/kg		0.041 U	0.037 U	0.035 U	0.04 U	0.039 U	0.037 U	0.036 U
n-Nitrosodiphenylamine	--	--	--	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.8	mg/kg		0.33 U	0.3 U	0.29 U	0.32 U	0.32 U	0.3 U	0.29 U
Phenanthrene	100	100	1000	mg/kg		0.41 U	0.22 J	0.058 J	0.4 U	0.040 J	2.8	0.79
Phenol	0.33	100	0.33	mg/kg		0.41 U	0.37 U	0.35 U	0.4 U	0.39 U	0.37 U	0.36 U
Pyrene	100	100	1000	mg/kg		0.41 U	0.4	0.090 J	0.4 U	0.049 J	1.7	1.1

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9
Aluminum	--	--	--	mg/kg		7150	8560	11300	6940	4960
Antimony	--	--	--	mg/kg		0.81 J	1.1 U	0.83 U	0.86 U	0.84 U
Arsenic	13	16	16	mg/kg		5.3	2.3	3.4	10.5	1.8
Barium	350	400	820	mg/kg		111	48.6	75.7	130	53.5
Beryllium	7.2	72	47	mg/kg		0.27 J	0.33 J	0.64	0.36	0.14 J
Cadmium	2.5	4.3	7.5	mg/kg		1	1.1 U	0.29 J	0.84 J	0.84 U
Calcium	--	--	--	mg/kg		70600	30300	57100	69800	141000
Chromium	30	180	--	mg/kg		15.6	15.3	23.4	18.4	10.7
Cobalt	--	--	--	mg/kg		5.3	5.8	7.2	5.6	3.2
Copper	50	270	1720	mg/kg		37.2	18.3	21.3	**58.6**	15.6
Cyanide	27	27	40	mg/kg		0.14 J	0.082 J	0.14 BJ	0.071 J	0.094 J
Iron	--	--	--	mg/kg		12100	14200	16600	16600	7230
Lead	63	400	450	mg/kg		**141**	33.6	**82.4**	**134**	34
Magnesium	--	--	--	mg/kg		39600	18700	34200	22000	64500
Manganese	1600	2000	2000	mg/kg		237	351	319	194	129
Mercury	0.18	0.81	0.73	mg/kg		0.12	0.019 U	0.06	**0.2**	0.033
Nickel	30	310	130	mg/kg		16.5	13.3	16.1	19.6	8.4
Potassium	--	--	--	mg/kg		2380	1620	2810	1860	2290
Selenium	3.9	180	4	mg/kg		5.1 U	5.3 U	4.2 U	0.61 J	4.2 U
Silver	2	180	8.3	mg/kg		1 U	1.1 U	0.83 U	0.86 U	0.84 U
Sodium	--	--	--	mg/kg		427	436	354	745	611
Thallium	--	--	--	mg/kg		0.15 J	0.42 U	0.15 J	0.30 J	0.34 U
Vanadium	--	--	--	mg/kg		29.2	17.6	30.8	32.7	17.8
Zinc	109	10000	2480	mg/kg		**274**	**178**	**175**	**144**	54.8

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	9
					Sample Designation:	MR-11	MR-11	MR-12	MR-14	MR-14
					Sample Date:	7/23/2018	7/23/2018	7/24/2018	7/30/2018	7/30/2018
					Sample Depth (ft bls):	0.25 - 0.75	5 - 6.5	1.25 - 3	1 - 1.5	5 - 6
Aluminum	--	--	--	mg/kg		5630	9740	10400	11700	12700
Antimony	--	--	--	mg/kg		1.1 U	1.1 U	0.87 U	0.92 U	0.83 U
Arsenic	13	16	16	mg/kg		6.5	3.4	2.6	3.7	5.4
Barium	350	400	820	mg/kg		89.3	306	65.4	57.1	122
Beryllium	7.2	72	47	mg/kg		0.23 J	0.40 J	0.34 J	0.56	0.65
Cadmium	2.5	4.3	7.5	mg/kg		0.41 J	1.1 U	0.87 U	0.92 U	1.6
Calcium	--	--	--	mg/kg		27300	21900	59100	10800	13900
Chromium	30	180	--	mg/kg		15.6	15.7	23.6	20.6	24.1
Cobalt	--	--	--	mg/kg		3.9	5.9	11.3	7.2	7.5
Copper	50	270	1720	mg/kg		24	20.2	31.4	20.3	35.6
Cyanide	27	27	40	mg/kg		0.29 U	0.32	0.29 U	0.081 J	0.11 J
Iron	--	--	--	mg/kg		10700	15000	18700	16900	20800
Lead	63	400	450	mg/kg		**70.4**	**95.3**	23.1	29.9	**162**
Magnesium	--	--	--	mg/kg		11900	16300	29900	9620	6490
Manganese	1600	2000	2000	mg/kg		139	206	455	406	537
Mercury	0.18	0.81	0.73	mg/kg		0.053	0.13	0.024	0.17	0.099
Nickel	30	310	130	mg/kg		11.2	12.1	18.7	16.1	18.2
Potassium	--	--	--	mg/kg		941	1840	2580	1370	1560
Selenium	3.9	180	4	mg/kg		0.56 J	5.6 U	4.3 U	0.33 J	0.44 J
Silver	2	180	8.3	mg/kg		1.1 U	1.1 U	0.87 U	0.92 U	**39.5**
Sodium	--	--	--	mg/kg		245	337	364	793	731
Thallium	--	--	--	mg/kg		0.24 J	0.16 J	0.13 J	0.13 J	0.15 J
Vanadium	--	--	--	mg/kg		18.1	22.3	24.5	23.3	29.3
Zinc	109	10000	2480	mg/kg		**178**	**351**	61.6	63.6	**366**

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	21	21	21
					Sample Designation:	RX-1	RX-1	RX-2	RX-2	RX-3
					Sample Date:	9/26/2018	9/26/2018	9/27/2018	9/27/2018	9/27/2018
					Sample Depth (ft bls):	0.5 - 2.5	8 - 10	0.5 - 2.5	10 - 12	0.5 - 2.5
Aluminum	--	--	--	mg/kg		4550	15700	8590	6580	7660
Antimony	--	--	--	mg/kg		0.38 J	1.1 U	0.86 J	1 U	1.3 U
Arsenic	13	16	16	mg/kg		**15**	0.95 J	**46.2**	2.1	7.2
Barium	350	400	820	mg/kg		75	34.1	150	28.8	118
Beryllium	7.2	72	47	mg/kg		0.6	0.48	1.4	0.42	0.43 J
Cadmium	2.5	4.3	7.5	mg/kg		0.93 J	1.1 U	0.77 J	1 U	1.9
Calcium	--	--	--	mg/kg		21700	149000	27700	9660	24300
Chromium	30	180	--	mg/kg		12.1	17.4	21.5	11.3	16.4
Cobalt	--	--	--	mg/kg		4.1	4	6.6	5.1	7
Copper	50	270	1720	mg/kg		**55.2**	8.6	**78.2**	9.1	**192**
Cyanide	27	27	40	mg/kg		NA	NA	NA	NA	NA
Iron	--	--	--	mg/kg		13400	9250	24200	10800	17100
Lead	63	400	450	mg/kg		**127**	13.1	**307**	9.8	**175**
Magnesium	--	--	--	mg/kg		10400	87600	6870	8320	15000
Manganese	1600	2000	2000	mg/kg		121	137	123	137	268
Mercury	0.18	0.81	0.73	mg/kg		**1.7**	0.026	**0.26**	0.02 U	**0.55**
Nickel	30	310	130	mg/kg		13	10.1	18.4	11.1	20
Potassium	--	--	--	mg/kg		793	5930	1000	1250	1270
Selenium	3.9	180	4	mg/kg		1.1 J	5.4 U	3.0 J	5.1 U	0.58 J
Silver	2	180	8.3	mg/kg		0.97 U	1.1 U	1.3 U	1 U	1.3 U
Sodium	--	--	--	mg/kg		249	746	406	260	423
Thallium	--	--	--	mg/kg		0.49	0.43 U	1.8	0.13 J	0.33 J
Vanadium	--	--	--	mg/kg		27.2	18.8	39.1	14.7	24.9
Zinc	109	10000	2480	mg/kg		**305**	36.8	**200**	25.7	**693**

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	21
					Sample Designation:	RX-3 DUP	RX-3	RX-4	RX-4	RX-5
					Sample Date:	9/27/2018	9/27/2018	9/28/2018	9/28/2018	9/27/2018
					Sample Depth (ft bls):	0.5 - 2.5	8 - 10	0.5 - 2.5	9.5 - 11.5	0.5 - 2.5
Aluminum	--	--	--	mg/kg		11500	8190	9650	11500	5610
Antimony	--	--	--	mg/kg		1.4 U	1.1 U	8.1	0.98 U	0.96 U
Arsenic	13	16	16	mg/kg		8.9	1.0 J	**13.1**	2.2	3.7
Barium	350	400	820	mg/kg		157	24.1	**967**	36.7	60.4
Beryllium	7.2	72	47	mg/kg		0.59	0.24 J	0.29 J	0.51	0.26 J
Cadmium	2.5	4.3	7.5	mg/kg		1.3 J	1.1 U	**21**	0.98 U	0.66 J
Calcium	--	--	--	mg/kg		40100	182000 B	15400	112000	63700 B
Chromium	30	180	--	mg/kg		23.7	10.7	**42.8**	15	10.4
Cobalt	--	--	--	mg/kg		8.9	2.3	10.4	5.8	4.2
Copper	50	270	1720	mg/kg		**194**	7	**520**	10.6	22.7
Cyanide	27	27	40	mg/kg		NA	NA	NA	NA	NA
Iron	--	--	--	mg/kg		19600	6690	41100	14500	11100
Lead	63	400	450	mg/kg		**207**	23.9	**1790**	13.1	52.2
Magnesium	--	--	--	mg/kg		22600	94300	9160	63300	23700
Manganese	1600	2000	2000	mg/kg		355	167	411	240	185
Mercury	0.18	0.81	0.73	mg/kg		**0.76**	0.036	**0.5**	0.014 J	0.086
Nickel	30	310	130	mg/kg		25.2	6.1	**164**	11	11.6
Potassium	--	--	--	mg/kg		2000	2340	1730	6720	866
Selenium	3.9	180	4	mg/kg		0.75 J	5.3 U	1.6 J	4.9 U	4.8 U
Silver	2	180	8.3	mg/kg		1.4 U	1.1 U	1.0 J	0.98 U	0.96 U
Sodium	--	--	--	mg/kg		631	1010	521	961	311
Thallium	--	--	--	mg/kg		0.42 J	0.42 U	0.19 J	0.13 J	0.38 U
Vanadium	--	--	--	mg/kg		35.7	11.5	46.1	19.1	21.1
Zinc	109	10000	2480	mg/kg		**718**	38.2	**19200**	92.3	75.5

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	9	9	9	21
					Sample Designation:	RX-5	RX-6	RX-6	RX-7	RX-8
					Sample Date:	9/27/2018	9/28/2018	9/28/2018	9/28/2018	9/27/2018
					Sample Depth (ft bls):	5 - 7	0.5 - 2.5	9 - 11	0.5 - 2.5	0.5 - 2.5
Aluminum	--	--	--	mg/kg		8240	7270	8270	11900	7090
Antimony	--	--	--	mg/kg		0.99 U	0.35 J	1.1 U	0.46 J	0.79 J
Arsenic	13	16	16	mg/kg		2	3.8	1.3	4.4	5.7
Barium	350	400	820	mg/kg		29.8	105	31.6	184	185
Beryllium	7.2	72	47	mg/kg		0.33 J	0.29 J	0.37 J	0.53	0.25 J
Cadmium	2.5	4.3	7.5	mg/kg		0.99 U	1.4	1.1 U	0.76 J	2.3
Calcium	--	--	--	mg/kg		39000	14900	39400	30100	38400 B
Chromium	30	180	--	mg/kg		11.1	15.3	13.5	29.8	14.2
Cobalt	--	--	--	mg/kg		5	4.9	5.6	8.4	4
Copper	50	270	1720	mg/kg		10.8	**72.5**	12.7	37.6	**473**
Cyanide	27	27	40	mg/kg		NA	NA	NA	NA	NA
Iron	--	--	--	mg/kg		11500	12200	13000	18300	17100
Lead	63	400	450	mg/kg		4.8	**345**	8	**196**	**263**
Magnesium	--	--	--	mg/kg		27800	10400	24700	18000	14500
Manganese	1600	2000	2000	mg/kg		315	221	185	326	177
Mercury	0.18	0.81	0.73	mg/kg		0.019 U	0.056	0.019 U	**0.24**	**0.22**
Nickel	30	310	130	mg/kg		10.9	13	13.1	22.7	15
Potassium	--	--	--	mg/kg		913	1590	2490	2410	913
Selenium	3.9	180	4	mg/kg		4.9 U	5.9 U	5.4 U	5.6 U	0.46 J
Silver	2	180	8.3	mg/kg		0.99 U	1.8	1.1 U	1.1 U	0.96 U
Sodium	--	--	--	mg/kg		1050	367	432	1280	314
Thallium	--	--	--	mg/kg		0.39 U	0.47 U	0.43 U	0.21 J	0.13 J
Vanadium	--	--	--	mg/kg		14.3	30.8	15.7	32.1	20.4
Zinc	109	10000	2480	mg/kg		33.9	**298**	35.3	**372**	**898**

Table 3. Summary of Metals in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	9	9	9
					Sample Designation:	RX-8	RX-9	RX-10	RX-12
					Sample Date:	9/27/2018	10/1/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	8 - 10	1.0 - 2.5	1 - 3	2.5 - 4.0
Aluminum	--	--	--	mg/kg		7380	8540	8870	8360
Antimony	--	--	--	mg/kg		1 U	1.1 U	1 U	0.97 U
Arsenic	13	16	16	mg/kg		2.6	2.4	2.1	3.6
Barium	350	400	820	mg/kg		48.7	37.1	50.9	78.7
Beryllium	7.2	72	47	mg/kg		0.26 J	0.43	0.47	0.35 J
Cadmium	2.5	4.3	7.5	mg/kg		1 U	1.1 U	1 U	1.9
Calcium	--	--	--	mg/kg		33600 B	53900	50200	69400
Chromium	30	180	--	mg/kg		13.2	14.4	15.7	14.4
Cobalt	--	--	--	mg/kg		6	5.9	20.2	5.8
Copper	50	270	1720	mg/kg		26.1	13.5	14.2	28.4
Cyanide	27	27	40	mg/kg		NA	NA	NA	NA
Iron	--	--	--	mg/kg		11600	14200	13700	11600
Lead	63	400	450	mg/kg		30.1	15.8	24.9	**94.7**
Magnesium	--	--	--	mg/kg		18600	31600	27900	36600
Manganese	1600	2000	2000	mg/kg		146	250	293	250
Mercury	0.18	0.81	0.73	mg/kg		0.012 J	0.018 U	0.019	**0.25**
Nickel	30	310	130	mg/kg		12.9	14.5	15.1	14
Potassium	--	--	--	mg/kg		1260	1910	2630	2430
Selenium	3.9	180	4	mg/kg		0.38 J	5.4 U	5 U	4.8 U
Silver	2	180	8.3	mg/kg		1 U	1.1 U	1 U	1
Sodium	--	--	--	mg/kg		429	218	558	452
Thallium	--	--	--	mg/kg		0.41 U	0.43 U	0.4 U	0.13 J
Vanadium	--	--	--	mg/kg		16.1	16.7	19.7	20
Zinc	109	10000	2480	mg/kg		**138**	70.4	72.7	**206**

Table 4. Summary of Polychlorinated Biphenyls in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9
Aroclor-1016	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1221	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1232	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1242	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1248	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1254	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1260	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1262	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
Aroclor-1268	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
PCBs, Total	0.1	1	3.2	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	9	9	21
					Sample Designation:	MR-11	MR-11	MR-12	MR-14	MR-14	RX-9	RX-12
					Sample Date:	7/23/2018	7/23/2018	7/24/2018	7/30/2018	7/30/2018	10/1/2018	10/1/2018
					Sample Depth (ft bls):	0.25 - 0.75	5 - 6.5	1.25 - 3	1 - 1.5	5 - 6	1.0 - 2.5	2.5 - 4.0
Aroclor-1016	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1221	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1232	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1242	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1248	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1254	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1260	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1262	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
Aroclor-1268	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U
PCBs, Total	0.1	1	3.2	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U	0.08 U	0.072 U

Table 5. Summary of Pesticides and Herbicides in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	9	9	9	21	21
					Sample Designation:	MR-4	MR-4	MR-7	MR-9	MR-9
					Sample Date:	7/24/2018	7/24/2018	8/2/2018	7/26/2018	7/26/2018
					Sample Depth (ft bls):	1 - 1.5	9.5 - 11	0.5 - 2.5	1 - 1.5	8 - 9
2,4,5-T	--	--	--	mg/kg		0.037 U	0.039 U	0.036 U	0.037 U	0.036 U
2,4,5-TP	3.8	100	3.8	mg/kg		0.037 U	0.039 U	0.036 U	0.037 U	0.036 U
2,4-D	--	--	--	mg/kg		0.037 U	0.039 U	0.036 U	0.037 U	0.036 U
4,4'-DDD	0.0033	13	14	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
4,4'-DDE	0.0033	8.9	17	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
4,4'-DDT	0.0033	7.9	136	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Aldrin	0.005	0.097	0.19	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
alpha-BHC	0.02	0.48	0.02	mg/kg		0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0021 U
alpha-Chlordane	0.094	4.2	2.9	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
beta-BHC	0.036	0.36	0.09	mg/kg		0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0021 U
Chlordane	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U
delta-BHC	0.04	100	0.25	mg/kg		0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0021 U
Dieldrin	0.005	0.2	0.1	mg/kg		0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0021 U
Endosulfan I	2.4	24	102	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Endosulfan II	2.4	24	102	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Endosulfan sulfate	2.4	24	1000	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Endrin aldehyde	--	--	--	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Endrin ketone	--	--	--	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Endrin	0.014	11	0.06	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
gamma-BHC (Lindane)	0.1	1.3	0.1	mg/kg		0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0021 U
Heptachlor epoxide	--	--	--	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Heptachlor	0.042	2.1	0.38	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Methoxychlor	--	--	--	mg/kg		0.0073 U	0.0078 U	0.0073 U	0.0075 U	0.0072 U
Toxaphene	--	--	--	mg/kg		0.073 U	0.078 U	0.073 U	0.075 U	0.072 U

Table 5. Summary of Pesticides and Herbicides in Soil, 410 West 207th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	**Lot Number:**	21	21	9	9	9
					Sample Designation:	MR-11	MR-11	MR-12	MR-14	MR-14
					Sample Date:	7/23/2018	7/23/2018	7/24/2018	7/30/2018	7/30/2018
					Sample Depth (ft bls):	0.25 - 0.75	5 - 6.5	1.25 - 3	1 - 1.5	5 - 6
2,4,5-T	--	--	--	mg/kg		0.04 U	0.039 U	0.04 U	0.039 U	0.038 U
2,4,5-TP	3.8	100	3.8	mg/kg		0.04 U	0.039 U	0.04 U	0.039 U	0.038 U
2,4-D	--	--	--	mg/kg		0.04 U	0.039 U	0.04 U	0.021 JP	0.038 U
4,4'-DDD	0.0033	13	14	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
4,4'-DDE	0.0033	8.9	17	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
4,4'-DDT	0.0033	7.9	136	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Aldrin	0.005	0.097	0.19	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
alpha-BHC	0.02	0.48	0.02	mg/kg		0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
alpha-Chlordane	0.094	4.2	2.9	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
beta-BHC	0.036	0.36	0.09	mg/kg		0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
Chlordane	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U
delta-BHC	0.04	100	0.25	mg/kg		0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
Dieldrin	0.005	0.2	0.1	mg/kg		0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
Endosulfan I	2.4	24	102	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Endosulfan II	2.4	24	102	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Endosulfan sulfate	2.4	24	1000	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Endrin aldehyde	--	--	--	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Endrin ketone	--	--	--	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Endrin	0.014	11	0.06	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
gamma-BHC (Lindane)	0.1	1.3	0.1	mg/kg		0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
Heptachlor epoxide	--	--	--	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Heptachlor	0.042	2.1	0.38	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Methoxychlor	--	--	--	mg/kg		0.0081 U	0.0079 U	0.008 U	0.0078 U	0.0077 U
Toxaphene	--	--	--	mg/kg		0.081 U	0.079 U	0.08 U	0.078 U	0.077 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9	21	9	9	9
		Sample Designation:	MR-9	MR-12	MR-14	RX-2	RX-4	RX-4 DUP	RX-6
		Sample Date:	8/2/2018	8/2/2018	8/2/2018	9/27/2018	9/28/2018	9/28/2018	9/28/2018
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 UT	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	--		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane	--		50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Butanone (MEK)	50		5 U	2.6 J	5 U	14	5 U	2.4 J	5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	15	5 U	21	12	10	5 U
Benzene	1		1 U	**20**	1 U	**54 T**	1 U	1 U	1 U
Bromochloromethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	0.40 J	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	0.97 J	1 U	1 U	1 U
Chloroform	7		**8.2**	2.1	**7.3**	1 U	1 U	1 U	1 U
Chloromethane	--		1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	--		1 U	1 U	1 U	36	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloropropane	0.04		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9	21	9	9	9
		Sample Designation:	MR-9	MR-12	MR-14	RX-2	RX-4	RX-4 DUP	RX-6
		Sample Date:	8/2/2018	8/2/2018	8/2/2018	9/27/2018	9/28/2018	9/28/2018	9/28/2018
Ethylbenzene	5		1 U	**6**	1 U	**28**	1 U	1 U	1 U
Freon 113	--		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5		1 U	0.80 J	1 U	**280**	1 U	1 U	1 U
m+p-Xylene	5		1 U	**36**	1 U	**7.1**	1 U	1 U	1 U
Methyl acetate	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--		1 U	1 U	1 U	72	1 U	1 U	1 U
Methylene chloride	5		0.52 J	1	0.36 J	1 U	1 U	1 U	1 U
MTBE	10		1 U	0.99 J	1 U	1 U	1 U	1 U	1 U
o-Xylene	5		1 U	**29**	1 U	1.5	1 U	1 U	1 U
Styrene	5		1 U	**14**	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	**23**	0.41 J	**5.5**	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	--		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9	21	9	9	9
		Sample Designation:	MR-9	MR-12	MR-14	RX-2	RX-4	RX-4 DUP	RX-6
		Sample Date:	8/2/2018	8/2/2018	8/2/2018	9/27/2018	9/28/2018	9/28/2018	9/28/2018
1,1'-Biphenyl	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
1,2,4,5-Tetrachlorobenzene	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5		10 U	50 U	10 U	10 UT	10 U	10 U	10 U
2,4-Dimethylphenol	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10		20 U	100 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5		2 U	10 U	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5		2 U	10 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	--		10 U	32 J	10 U	62	10 U	10 U	10 U
2-Methylphenol	--		10 U	170	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5		10 U	50 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	--		10 U	50 U	10 U	10 UT	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5		10 UT	50 UT	10 UT	10 U	10 U	10 U	10 U
3-Nitroaniline	5		10 U	50 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	--		20 U	100 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5		10 UT	50 UT	10 UT	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	--		10 U	140	10 U	10 U	4.1 J	4.0 J	10 U
4-Nitroaniline	5		10 U	50 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	--		20 U	100 U	20 U	20 UT	20 UT	20 UT	20 UT
Acenaphthene	20		10 U	**21 J**	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	20		10 U	50 U	10 U	10 UT	10 U	10 U	10 U
Acetophenone	--		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50		10 U	50 U	10 U	10 U	2.8 J	10 U	10 U
Atrazine	--		2 U	10 U	2 U	2 UT	2 U	2 U	2 U
Benzaldehyde	--		10 UT	50 UT	10 UT	10 U	10 U	10 U	10 U
Benzo[a]anthracene	0.002		1 U	5 U	1 U	1 U	**6.7**	1 U	1 U
Benzo[a]pyrene	0		1 U	5 U	1 U	1 U	**6.2**	1 U	1 U
Benzo[b]fluoranthene	0.002		2 U	10 U	2 U	2 U	**8**	2 U	2 U

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9	21	9	9	9
		Sample Designation:	MR-9	MR-12	MR-14	RX-2	RX-4	RX-4 DUP	RX-6
		Sample Date:	8/2/2018	8/2/2018	8/2/2018	9/27/2018	9/28/2018	9/28/2018	9/28/2018
Benzo[g,h,i]perylene	--		10 U	50 U	10 U	10 U	3.5 J	10 U	10 U
Benzo[k]fluoranthene	0.002		1 U	5 U	1 U	1 U	**3.1**	1 U	1 U
Bis(2-chloro-1-methylethyl)ether	5		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	5		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl) ether	--		1 U	5 U	1 U	1 U	1 U	1 U	1 U
Bis(2-ethylhexyl) phthalate	5		2 U	10 U	2 U	2 U	2 U	2 U	2 U
Butylbenzyl phthalate	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Caprolactam	--		10 UT	50 UT	10 UT	10 UT	10 U	10 U	10 U
Carbazole	--		10 U	13 J	10 U	10 U	5.0 J	4.6 J	10 U
Chrysene	0.002		2 U	10 U	2 U	2 U	**6.3**	2 U	2 U
Dibenzo[a,h]anthracene	--		1 U	5 U	1 U	1 U	0.74 J	1 U	1 U
Dibenzofuran	--		10 U	11 J	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	--		10 U	50 U	10 U	10 UT	10 U	10 U	10 U
Fluoranthene	50		10 U	50 U	10 U	10 U	13	1.0 J	10 U
Fluorene	50		10 U	13 J	10 U	10 U	1.3 J	10 U	10 U
Hexachlorobenzene	0.04		1 U	5 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5		1 U	5 U	1 U	1 U	1 UT	1 UT	1 UT
Hexachlorocyclopentadiene	5		10 U	50 U	10 U	10 U	10 UT	10 UT	10 UT
Hexachloroethane	5		2 U	10 U	2 U	2 U	2 U	2 U	2 U
Indeno[1,2,3-cd]pyrene	0.002		2 U	10 U	2 U	2 U	**3.7**	2 U	2 U
Isophorone	50		10 U	50 U	10 U	10 UT	10 U	10 U	10 U
Naphthalene	10		10 U	**570**	10 U	**90**	3.4 J	4.0 J	10 U
Nitrobenzene	0.4		1 U	5 U	1 U	1 U	1 U	1 U	1 U
n-Nitrosodi-n-propylamine	--		1 U	5 U	1 U	1 U	1 U	1 U	1 U
n-Nitrosodiphenylamine	50		10 U	50 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1		20 U	100 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50		10 U	8.7 J	10 U	10 U	9.9 J	1.3 J	10 U
Phenol	1		10 U	50 U	10 U	10 UT	**2.3 J**	**2.0 J**	10 U
Pyrene	50		10 U	50 U	10 U	10 U	13	10 U	10 U

Table 8. Summary of Metals in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9	21	9	9	9
		Sample Designation:	MR-9	MR-12	MR-14	RX-2	RX-4	RX-4 DUP	RX-6
		Sample Date:	8/2/2018	8/2/2018	8/2/2018	9/27/2018	9/28/2018	9/28/2018	9/28/2018
Aluminum	--		149	7010	419	8870	972	577	470
Antimony	3		2.1	2.1	2.4	1.3 J	**3.8**	3	0.91 J
Arsenic	25		2.2	6	2.3	16.1	3.5	2.9	2 U
Barium	1000		182	238	274	258	240	252	536
Beryllium	3		0.8 U	0.8 U	0.8 U	0.86	0.8 U	0.8 U	0.8 U
Cadmium	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Calcium	--		101000	106000	264000	173000	122000	111000	185000
Chromium	50		4 U	23.5	3.1 J	23.4	2.6 J	4 U	4 U
Cobalt	--		4 U	13	2.5 J	5.4	2.2 J	2.3 J	4 U
Copper	200		2.4 J	140	3.3 J	41.2	7.1	5.2	3.3 J
Cyanide	200		5.5 BJ	41.8 B	7.4 BJ	NA	NA	NA	NA
Iron	300		**857**	**12600**	**1250**	**19400**	**1600**	**1190**	**3570**
Lead	25		0.73 J	5.4	2.9	**209**	**67.2**	20.9	9.7
Magnesium	35000		**40500**	**42800**	**127000**	**46900**	**40300**	**55900**	**137000**
Manganese	300		**424**	**634**	**374**	**726**	**679**	**826**	**645**
Mercury	0.7		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100		2.9 J	51.1	6.5	15.1	7.1	5.8	3.0 J
Potassium	--		34900	21500	64600	28500	74900	68500	52300
Selenium	10		**11.7**	10 U	1.4 J	10 U	10 U	10 U	10 U
Silver	50		2 U	22.8	2 U	2 U	2 U	2 U	2 U
Sodium	20000		**615000**	**124000**	**901000**	**335000**	**1290000**	**1400000**	**1380000**
Thallium	0.5		0.8 U	0.8 U	0.8 U	0.38 J	0.8 U	0.8 U	0.8 U
Vanadium	--		1.4 J	11.8	1.8 J	20.8	10.1	6.9	2.6 J
Zinc	2000		6.4 J	105	10.3 J	101	78.5	58	16.8

Table 9. Summary of Polychlorinated Biphenyls in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9
		Sample Designation:	MR-9	MR-12	MR-14
		Sample Date:	8/2/2018	8/2/2018	8/2/2018
Aroclor-1016	--		0.4 U	0.4 U	0.4 U
Aroclor-1221	--		0.4 U	0.4 U	0.4 U
Aroclor-1232	--		0.4 U	0.4 U	0.4 U
Aroclor-1242	--		0.4 U	0.4 U	0.4 U
Aroclor-1248	--		0.4 U	0.4 U	0.4 U
Aroclor-1254	--		0.4 U	0.4 U	0.4 U
Aroclor-1260	--		0.4 U	0.4 U	0.4 U
Aroclor-1262	--		0.4 U	0.4 U	0.4 U
Aroclor-1268	--		0.4 U	0.4 U	0.4 U
PCBs, Total	0.09		0.4 U	0.4 U	0.4 U

Table 10. Summary of Pesticides and Herbicides in Groundwater, 410 West 207th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Lot Number:**	21	9	9
		Sample Designation:	MR-9	MR-12	MR-14
		Sample Date:	8/2/2018	8/2/2018	8/2/2018
2,4,5-T	--		1.2 U	1.2 U	1.2 U
2,4,5-TP	0.26		1.2 U	1.2 U	1.2 U
2,4-D	50		1.2 U	1.2 U	1.2 U
4,4'-DDD	0.3		0.02 U	0.02 U	0.02 U
4,4'-DDE	0.2		0.02 U	0.02 U	0.02 U
4,4'-DDT	0.2		0.02 U	0.02 U	0.02 U
Aldrin	0		0.02 U	0.02 U	0.02 U
alpha-BHC	--		0.02 U	0.02 U	0.02 U
beta-BHC	--		0.02 U	0.02 U	0.02 U
Chlordane	0.05		0.5 U	0.5 U	0.5 U
delta-BHC	--		0.02 U	0.02 U	0.02 U
Dieldrin	0.004		0.02 U	0.02 U	0.02 U
Endosulfan I	--		0.02 U	0.02 U	0.02 U
Endosulfan II	--		0.02 U	0.02 U	0.02 U
Endosulfan sulfate	--		0.02 U	0.02 U	0.02 U
Endrin aldehyde	5		0.02 U	0.02 U	0.02 U
Endrin ketone	--		0.02 U	0.02 U	0.02 U
Endrin	0		0.02 U	0.02 U	0.02 U
gamma-BHC (Lindane)	--		0.02 U	0.02 U	0.02 U
Heptachlor epoxide	0.03		0.02 U	0.02 U	0.02 U
Heptachlor	0.04		0.02 U	0.02 U	0.02 U
Methoxychlor	35		0.02 U	0.02 U	0.02 U
Toxaphene	0.06		0.5 U	0.5 U	0.5 U

Table 11. Summary of Volatile Organic Compounds in Soil Vapor, 410 West 207th Street, New York, New York

Parameter (Concentrations in ug/m^3)	**Lot Number:**	9	21	9	21
	Sample Designation:	V-2	V-3	V-4	V-5
	Sample Date:	8/2/2018	8/2/2018	8/2/2018	8/2/2018
1,1,1-Trichloroethane		19 U	13000 U	3.3 U	**6.0 J**
1,1,2,2-Tetrachloroethane		24 U	16000 U	4.1 U	19 U
1,1,2-Trichloroethane		19 U	13000 U	3.3 U	15 U
1,1-Dichloroethane		14 U	9300 U	2.4 U	11 U
1,1-Dichloroethene		2.5 U	1600 U	0.42 U	1.9 U
1,2,4-Trichlorobenzene		66 U	43000 U	11 U	52 U
1,2,4-Trimethylbenzene		18 U	11000 U	**4.5**	14 U
1,2-Dibromoethane		27 U	18000 U	4.6 U	22 U
1,2-Dichlorobenzene		21 U	14000 U	3.6 U	17 U
1,2-Dichloroethane		14 U	9300 U	2.4 U	11 U
1,2-Dichloroethene (total)		28 U	18000 U	4.7 U	22 U
1,2-Dichloropropane		16 U	11000 U	2.8 U	13 U
1,3,5-Trimethylbenzene		18 U	11000 U	2.9 U	14 U
1,3-Butadiene		7.9 U	5100 U	**0.71 J**	**13**
1,3-Dichlorobenzene		21 U	14000 U	3.6 U	17 U
1,4-Dichlorobenzene		21 U	14000 U	3.6 U	17 U
1,4-Dioxane		320 U	210000 U	54 U	250 U
2-Butanone (MEK)		**21 J**	17000 U	**4.7**	**11 J**
2-Hexanone		36 U	24000 U	6.1 U	29 U
3-Chloropropene		28 U	18000 U	4.7 U	22 U
4-Ethyltoluene		18 U	11000 U	2.9 U	14 U
4-Methyl-2-pentanone (MIBK)		36 U	24000 U	6.1 U	29 U
Acetone		210 U	140000 U	**46**	170 U
Benzene		**23**	**5400 J**	**7**	**8.6 J**
Benzyl chloride		18 U	12000 U	3.1 U	14 U
Bromodichloromethane		24 U	15000 U	**93**	19 U
Bromoethene		16 U	10000 U	2.6 U	12 U
Bromoform		37 U	24000 U	6.2 U	29 U
Bromomethane		14 U	8900 U	2.3 U	11 U
Butane		**130**	**24000**	**90**	**170**
Carbon disulfide		**18 J**	18000 U	**42**	**21 J**
Carbon tetrachloride		3.9 U	2500 U	**0.84**	3.1 U
Chlorobenzene		16 U	11000 U	**1.4 J**	13 U
Chlorodifluoromethane		31 U	20000 U	**24**	25 U
Chloroethane		23 U	15000 U	3.9 U	18 U
Chloroform		**30**	11000 U	**320**	**27**
Chloromethane		18 U	12000 U	**2.0 J**	14 U

Table 11. Summary of Volatile Organic Compounds in Soil Vapor, 410 West 207th Street, New York, New York

Parameter (Concentrations in ug/m^3)	**Lot Number:**	9	21	9	21
	Sample Designation:	V-2	V-3	V-4	V-5
	Sample Date:	8/2/2018	8/2/2018	8/2/2018	8/2/2018
cis-1,2-Dichloroethene		2.5 U	1600 U	0.42 U	1.9 U
cis-1,3-Dichloropropene		16 U	10000 U	2.7 U	13 U
Cyclohexane		**29**	**11000**	**5.7**	**14**
Dibromochloromethane		30 U	20000 U	**8.2**	24 U
Dichlorodifluoromethane		44 U	28000 U	7.4 U	35 U
Ethylbenzene		**10 J**	10000 U	**180**	12 U
Freon 113		27 U	18000 U	4.6 U	21 U
Freon 114		25 U	16000 U	4.2 U	20 U
Hexachlorobutadiene		38 U	24000 U	6.4 U	30 U
Isooctane		**2600**	**1100000**	**460**	**39**
ISOPROPANOL		220 U	140000 U	37 U	170 U
Isopropylbenzene		**15 J**	**5300 J**	**6.8**	14 U
m+p-Xylene		**22 J**	25000 U	**410**	**4.9 J**
Methyl Methacrylate		36 U	24000 U	**44**	29 U
Methylene chloride		31 U	20000 U	**2.6 J**	24 U
MTBE		13 U	8300 U	2.2 U	10 U
Naphthalene		47 U	30000 U	7.8 U	37 U
n-Butylbenzene		20 U	13000 U	3.3 U	15 U
N-HEPTANE		**100**	**24000**	2.5 U	**160**
n-Hexane		**87**	**20000**	**12**	**84**
n-Propylbenzene		**14 J**	**4500 J**	2.9 U	14 U
o-Chlorotoluene		18 U	12000 U	3.1 U	14 U
o-Xylene		**8.7 J**	10000 U	**380**	12 U
p-Isopropyltoluene		20 U	13000 U	**15**	15 U
sec-Butylbenzene		20 U	13000 U	3.3 U	15 U
Styrene		15 U	9800 U	**13**	12 U
t-Butyl Alcohol		270 U	170000 U	45 U	210 U
tert-Butylbenzene		20 U	13000 U	3.3 U	15 U
Tetrachloroethene		**47**	16000 U	**0.75 J**	**26**
Tetrahydrofuran		260 U	170000 U	44 U	210 U
Toluene		**1600**	8700 U	**14**	**1300**
trans-1,2-Dichloroethene		14 U	9100 U	2.4 U	11 U
trans-1,3-Dichloropropene		16 U	10000 U	2.7 U	13 U
Trichloroethene		3.3 U	2200 U	**1.2**	2.6 U
Trichlorofluoromethane		20 U	13000 U	**21**	16 U
Vinyl chloride		1.6 U	1000 U	0.27 U	1.3 U
Xylenes (total)		**30 J**	35000 U	**790**	43 U

FIGURES

1. Site Location Map
2. Phase II ESA Sampling Locations
3. Summary of Exceedances in Soil
4. Summary of Exceedances in Groundwater
5. Summary of Detections in Soil Vapor

QUADRANGLE LOCATION

SOURCE:
USGS; 2016, Central Park, NY-NJ
7.5 Minute Topographic Quadrangle

N

0 2000'

Title:

SITE LOCATION MAP

410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

TACONIC INVESTMENT PARTNERS, LLC

ROUX

Compiled by: L.C.	Date: 13NOV18	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr: L.C.	Project: 2477.0008Y000	
File: 2477.0008Y103.01.CDR		

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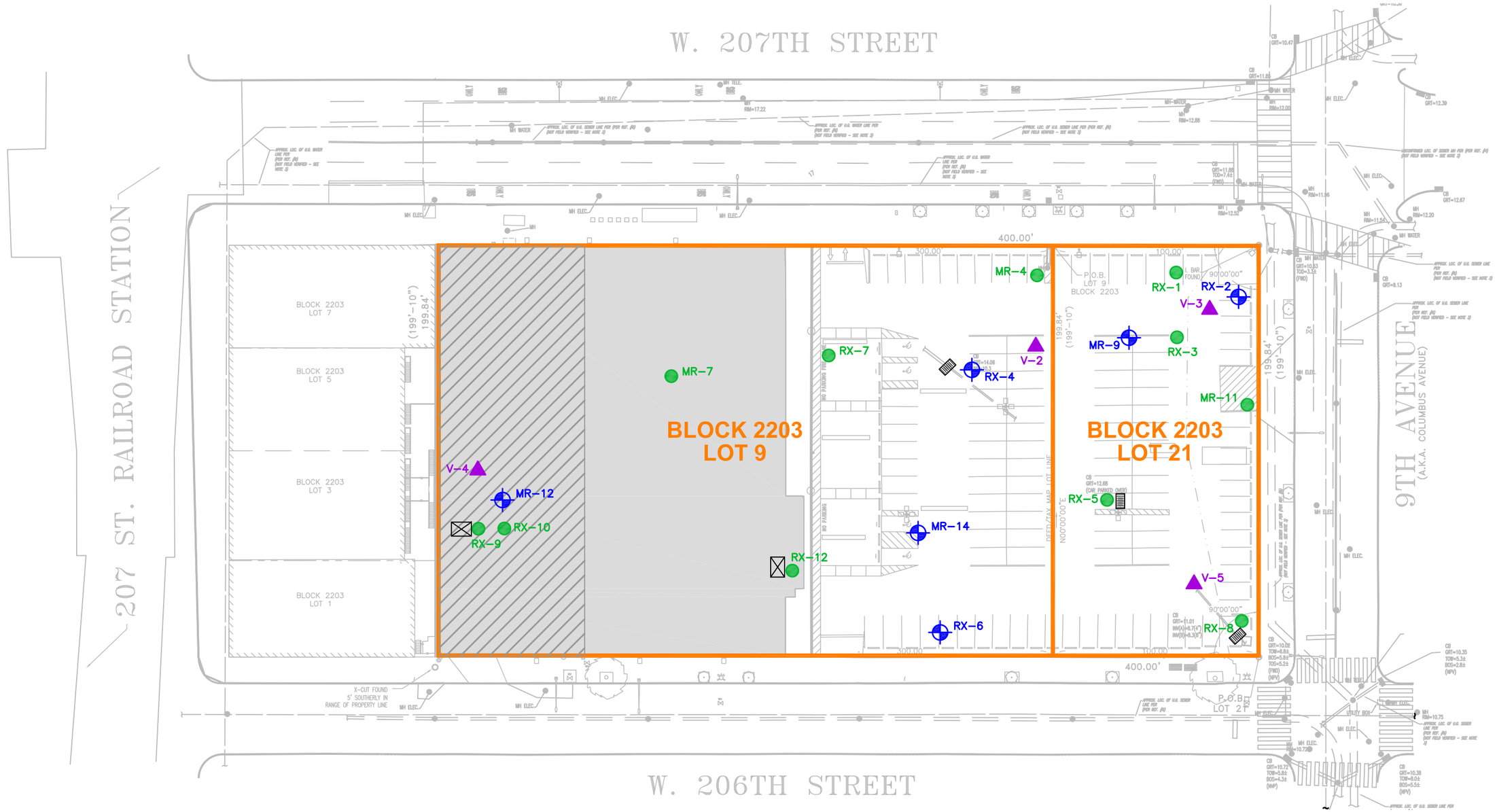

LEGEND

MR-12	SOIL BORING AND TEMPORARY MONITORING WELL LOCATION AND DESIGNATION
RX-7	SOIL BORING LOCATION AND DESIGNATION
V-4	SOIL VAPOR SAMPLING LOCATION AND DESIGNATION
	CATCH BASIN
	SITE
	GROCERY STORE FOOTPRINT
	GROCERY STORE BASEMENT
	ELEVATOR

REFERENCE:
CONTROL POINT SURVEY V-001.00 DATED 7/10/2018

N

50' 0 50'

Title:

SAMPLING LOCATIONS

410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

TACONIC INVESTMENT PARTNERS, LLC

ROUX

Compiled by: L.C.	Date: 17DEC18	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr: L.C.	Project: 2477.0008Y000	
File: 2477.0008Y103.02.DWG		

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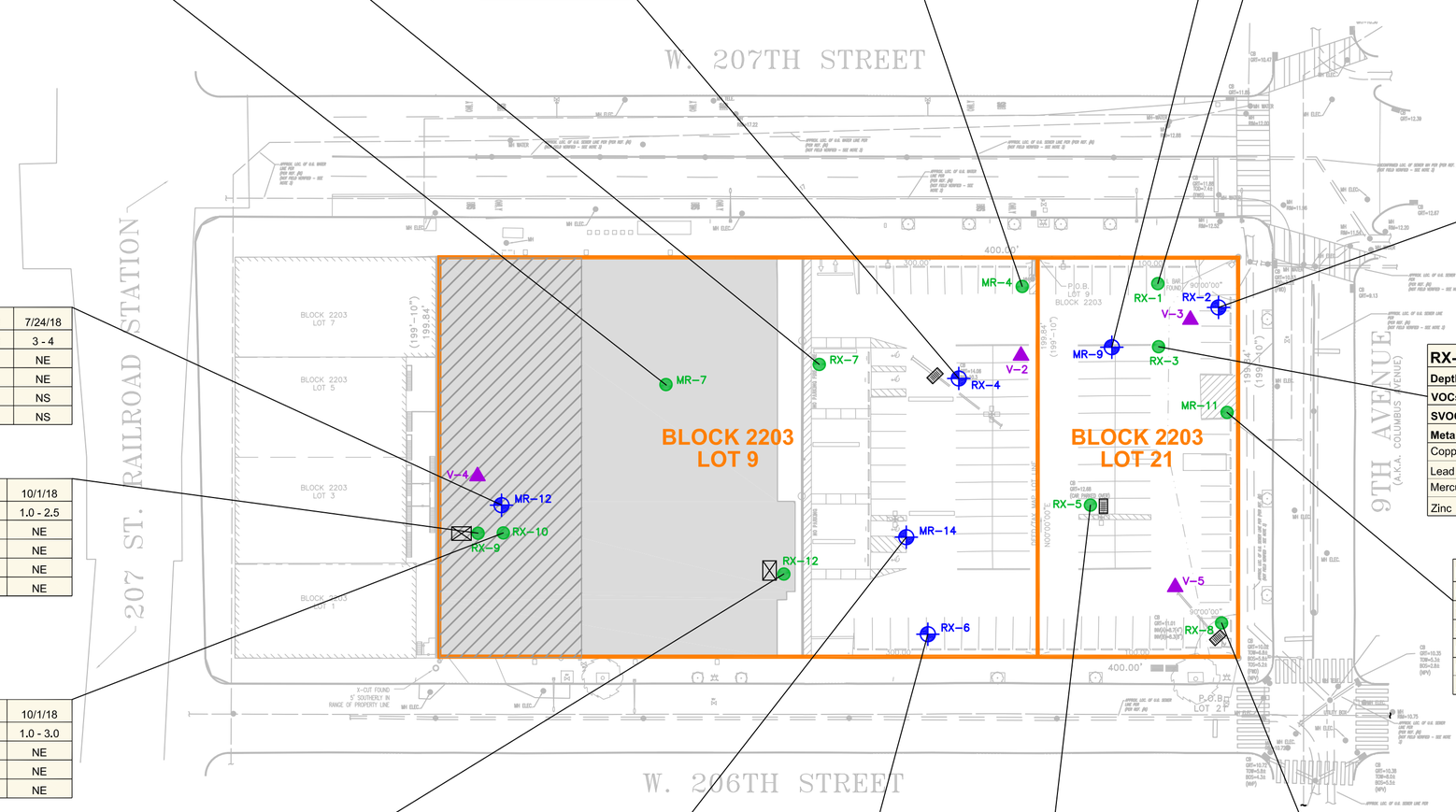

MR-7	8/2/18
Depth (ft bls)	0.5 - 2.5
VOCs	NE
SVOCs	NE
Metals	
Lead	82.4
Zinc	175

RX-7	9/28/18
Depth (ft bls)	0.5 - 2.5
VOCs	NE
SVOCs	NE
Metals	
Lead	196
Mercury	0.24
Zinc	372

RX-4	9/28/18	9/28/18
Depth (ft bls)	0.5 - 2.5	9.5 - 11.5
VOCs		
Benzene	0.23	ND
SVOCs	NE	NE
Metals		
Arsenic	13.1	NE
Barium	967	NE
Cadmium	21	ND
Chromium	42.8	NE
Copper	520	NE
Lead	1790	NE
Mercury	0.5	NE
Nickel	164	NE
Zinc	19200	NE

MR-4	7/24/18	7/24/18
Depth (ft bls)	1 - 1.5	9.5 - 11
VOCs		
Acetone	NE	1.6
SVOCs	NE	NE
Metals		
Lead	141	NE
Zinc	274	178

MR-9	7/26/18	7/26/18
Depth (ft bls)	1 - 1.5	8 - 9
VOCs	NE	NE
SVOCs	NE	NE
Metals		
Copper	58.6	NE
Lead	134	NE
Mercury	0.2	NE
Zinc	144	NE

RX-1	9/26/18	9/26/18	9/26/18	9/26/18
Depth (ft bls)	0.5 - 2.5	5.0 - 7.0	8.0 - 10.0	13.5 - 15.5
VOCs				
Benzene	0.45	ND	ND	ND
Ethylbenzene	6.4	NE	1.1	NE
n-Butylbenzene	NE	NE	14	NE
n-Propylbenzene	4.4	NE	19	NE
Xylenes (total)	2.7	NE	NE	ND
SVOCs	NE	NS	NE	NE
Metals				
Arsenic	15	NS	NE	NS
Copper	55.2	NS	NE	NS
Lead	127	NS	NE	NS
Mercury	1.7	NS	NE	NS
Zinc	305	NS	NE	NS

RX-2	9/26/18	9/26/18
Depth (ft bls)	0.5 - 2.5	10 - 12
VOCs		
Ethylbenzene	NE	1.1
n-Butylbenzene	NE	16
n-Propylbenzene	NE	43
SVOCs	NE	NE
Metals		
Arsenic	46.2	NE
Copper	78.2	NE
Lead	307	NE
Mercury	0.26	ND
Zinc	200	NE

RX-3	9/27/18	9/27/18	9/27/18
Depth (ft bls)	0.5 - 2.5	0.5 - 2.5 DUP	8 - 10
VOCs	NE	NE	NE
SVOCs	NE	NE	NE
Metals			
Copper	192	194	NE
Lead	175	207	NE
Mercury	0.55	0.76	NE
Zinc	693	718	NE

MR-11	7/23/18	7/23/18
Depth (ft bls)	0.25 - 0.75	5 - 6.5
VOCs	NE	NE
SVOCs	NE	NE
Metals		
Lead	70.4	95.3
Zinc	178	351

MR-12	7/24/18	7/24/18
Depth (ft bls)	1.25 - 3	3 - 4
VOCs	NE	NE
SVOCs	NE	NE
Metals	NE	NS
Pesticides	ND	NS

RX-9	10/1/18
Depth (ft bls)	1.0 - 2.5
VOCs	NE
SVOCs	NE
Metals	NE
Pesticides	NE

RX-10	10/1/18
Depth (ft bls)	1.0 - 3.0
VOCs	NE
SVOCs	NE
Metals	NE

RX-12	10/1/18
Depth (ft bls)	2.5 - 4.0
VOCs	NE
SVOCs	NE
Metals	
Lead	94.7
Mercury	0.25
Zinc	206
Pesticides	NE

MR-14	7/30/18	7/30/18
Depth (ft bls)	1 - 1.5	5 - 6
VOCs	NE	NE
SVOCs	NE	NE
Metals		
Lead	NE	162
Silver	ND	39.5
Zinc	NE	366
Pesticides	NE	ND

RX-6	9/28/18	9/28/18	9/28/18
Depth (ft bls)	0.5 - 2.5	9 - 11	14 - 16
VOCs	NE	NE	NE
SVOCs	NE	NE	NE
Metals			
Copper	72.5	NE	NS
Lead	345	NE	NS
Zinc	298	NE	NS

RX-5	9/27/18	9/27/18
Depth (ft bls)	0.5 - 2.5	5 - 7
VOCs	NE	NE
SVOCs	NE	NE
Metals	NE	NE

RX-8	9/27/18	9/27/18
Depth (ft bls)	0.5 - 2.5	8 - 10
VOCs	NE	NE
SVOCs	NE	NE
Metals		
Copper	473	NE
Lead	263	NE
Mercury	0.22	NE
Zinc	898	138

LEGEND

- MR-12 — SOIL BORING AND TEMPORARY MONITORING WELL LOCATION AND DESIGNATION
- RX-7 — SOIL BORING LOCATION AND DESIGNATION
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- CATCH BASIN
- SITE
- GROCERY STORE FOOTPRINT
- GROCERY STORE BASEMENT
- ELEVATOR

TYPICAL DATA BOX INFORMATION

RX-10	10/1/18
Depth (ft bls)	1.0 - 3.0
VOCs	NE
SVOCs	NE
Metals	NE

SAMPLE ID# → RX-10; 10/1/18 ← SAMPLE DATE; Depth (ft bls) ← SAMPLE DEPTH (FT); ANALYTES → VOCs, SVOCs, Metals; CONCENTRATION (mg/kg)

Parameter (Concentrations in mg/kg)	Standards* (mg/kg)	Standards** (mg/kg)
VOCs		
Acetone	0.05	100
Benzene	0.06	4.8
Ethylbenzene	1	41
SVOCs	NE	NE
Metals		
Arsenic	13	16
Barium	350	400
Cadmium	2.5	4.3
Chromium	30	180
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Silver	2	180
Zinc	109	10000
Pesticides	NE	NE

Concentrations in mg/kg

mg/kg – Milligrams per kilogram
* – NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
** – NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives
NYSDEC – New York State Department of Environmental Conservation
-- – No NYSDEC Part 375 Soil Cleanup Objectives available
DUP – Duplicate Sample
VOCs – Volatile Organic Compounds
SVOCs – Semivolatile Organic Compounds
NE – No exceedance
ND – No detection
NS – Not sampled
ft bls – Feet below land surface

Results shown in **BOLD** type exceed NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Results with gray background exceed NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives

N

50' 0 50'

Title:

SUMMARY OF EXCEEDANCES IN SOIL

410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

TACONIC INVESTMENT PARTNERS, LLC

ROUX

Compiled by: L.C.	Date: 17DEC18	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	3
Project Mgr: L.C.	Project: 2477.0008Y000	
File: 2477.0008Y103.02.DWG		

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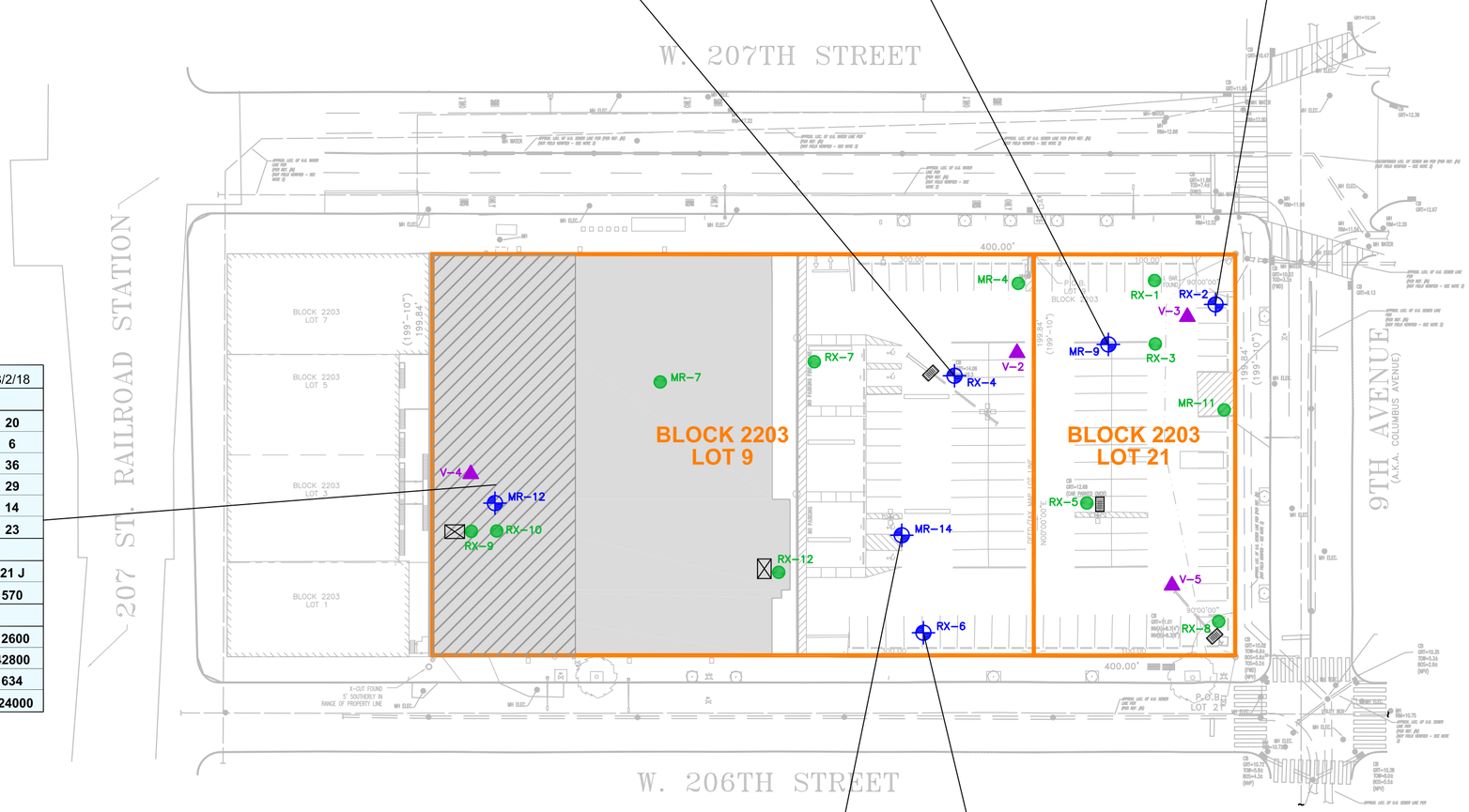
RX-4	9/28/18	9/28/2018 DUP
VOCs	NE	NE
SVOCs		
Benzo[a]anthracene	**6.7**	ND
Benzo[a]pyrene	**6.2**	ND
Benzo[b]fluoranthene	**8**	ND
Benzo[k]fluoranthene	**3.1**	ND
Chrysene	**6.3**	ND
Indeno[1,2,3-cd]pyrene	**3.7**	ND
Phenol	**2.3 J**	**2.0 J**
Metals		
Antimony	**3.8**	NE
Iron	**1600**	**1190**
Lead	**67.2**	NE
Magnesium	**40300**	**55900**
Manganese	**679**	**826**
Sodium	**1290000**	**1400000**

MR-9	8/2/18
VOCs	
Chloroform	**8.2**
SVOCs	NE
Metals	
Iron	**857**
Magnesium	**40500**
Manganese	**424**
Selenium	**11.7**
Sodium	**615000**

RX-2	9/27/18
VOCs	
Benzene	**54 T**
Ethylbenzene	**28**
Isopropylbenzene	**280**
m+p-Xylene	**7.1**
Toluene	**5.5**
SVOCs	
Naphthalene	**90**
Metals	
Iron	**19400**
Lead	**209**
Magnesium	**46900**
Manganese	**726**
Sodium	**335000**

MR-12	8/2/18
VOCs	
Benzene	**20**
Ethylbenzene	**6**
m+p-Xylene	**36**
o-Xylene	**29**
Styrene	**14**
Toluene	**23**
SVOCs	
Acenaphthene	**21 J**
Naphthalene	**570**
Metals	
Iron	**12600**
Magnesium	**42800**
Manganese	**634**
Sodium	**124000**



MR-14	8/2/18
VOCs	
Chloroform	**7.3**
SVOCs	NE
Metals	
Iron	**1250**
Magnesium	**127000**
Manganese	**374**
Sodium	**901000**

RX-6	9/28/18
VOCs	ND
SVOCs	NE
Metals	
Iron	**3570**
Magnesium	**137000**
Manganese	**645**
Sodium	**1380000**

LEGEND

- MR-12 — SOIL BORING AND TEMPORARY MONITORING WELL LOCATION AND DESIGNATION
- RX-7 — SOIL BORING LOCATION AND DESIGNATION
- V-4 — SOIL VAPOR SAMPLING LOCATION AND DESIGNATION
- CATCH BASIN
- SITE
- GROCERY STORE FOOTPRINT
- GROCERY STORE BASEMENT
- ELEVATOR

TYPICAL DATA BOX INFORMATION

SAMPLE ID# → | RX-6 | 9/28/18 | ← SAMPLE DATE

ANALYTES — CONCENTRATION (µg/L)

VOCs	ND
SVOCs	NE
Metals	
Iron	**3570**
Magnesium	**137000**
Manganese	**645**
Sodium	**1380000**

Parameter	Standards* (µg/L)
VOCs	
Benzene	1
Chloroform	7
Ethylbenzene	5
Isopropylbenzene	5
m+p-Xylene	5
o-Xylene	5
Styrene	5
Toluene	5
SVOCs	
Acenaphthene	20
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
Phenol	1
Metals	
Antimony	3
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Selenium	10
Sodium	20000

Concentrations in µg/L

µg/L – Micrograms per liter

* – NYSDEC AWQSGVs

NYSDEC – New York State Department of Environmental Conservation

AWQSGVs – Ambient Water-Quality Standards and Guidance Values

T – Indicates that a quality control parameter has exceeded laboratory limits

J – Estimated value

DUP – Duplicate Sample

VOCs – Volatile Organic Compounds

SVOCs – Semivolatile Organic Compounds

NE – No exceedances

ND – No detection

N

50' 0 50'

Title:

SUMMARY OF EXCEEDANCES IN GROUNDWATER

410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

TACONIC INVESTMENT PARTNERS, LLC

ROUX

Compiled by: L.C.	Date: 14NOV18	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	4
Project Mgr: L.C.	Project: 2477.0008Y000	
File: 2477.0008Y103.02.DWG		

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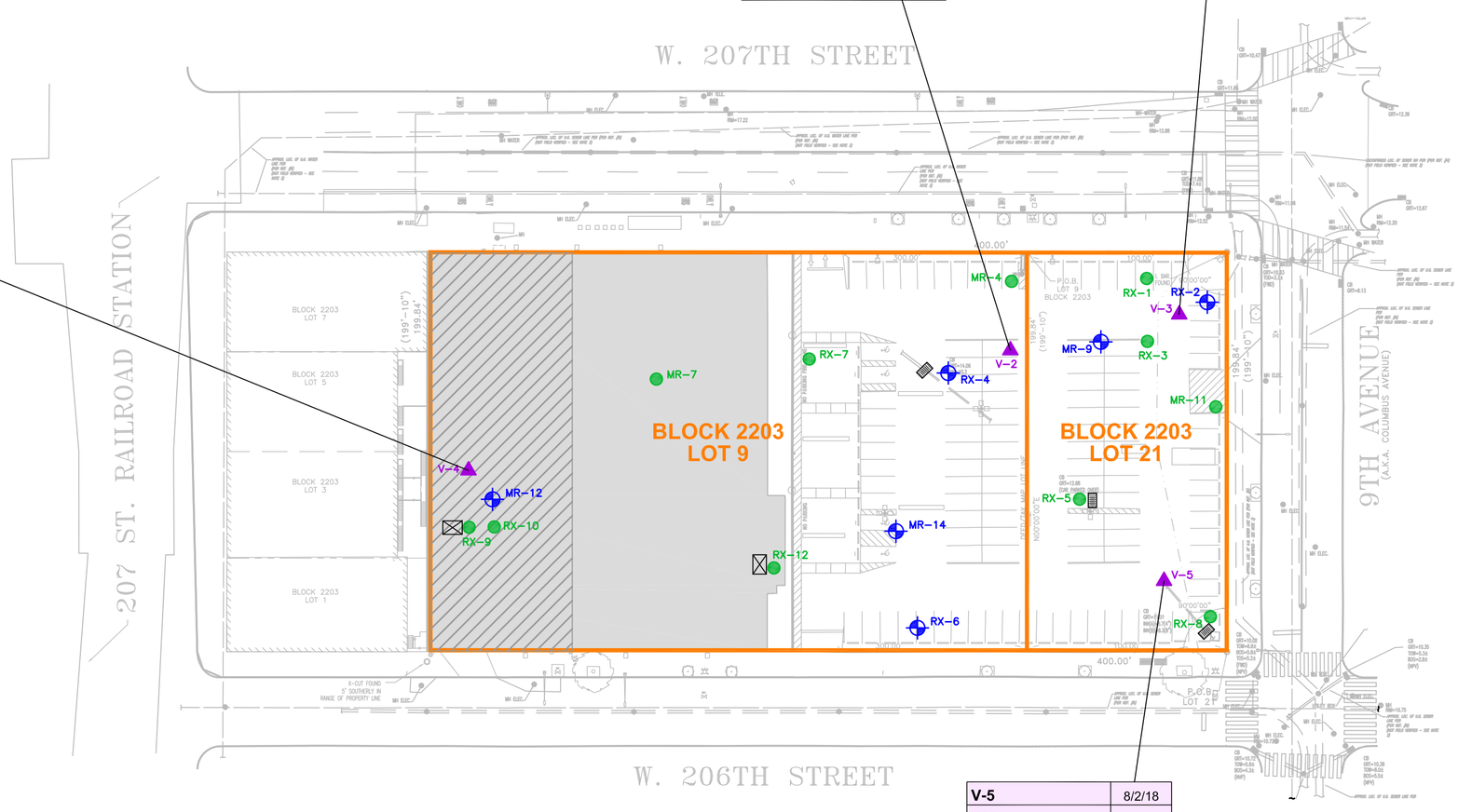
V-2	8/2/18
VOCs	
2-Butanone (MEK)	21 J
Benzene	23
Butane	130
Carbon disulfide	18 J
Chloroform	30
Cyclohexane	29
Ethylbenzene	10 J
Isooctane	2600
Isopropylbenzene	15 J
m+p-Xylene	22 J
N-HEPTANE	100
n-Hexane	87
n-Propylbenzene	14 J
o-Xylene	8.7 J
Tetrachloroethene	47
Toluene	1600
Xylenes (total)	30 J

V-3	8/2/18
VOCs	
Benzene	5400 J
Butane	24000
Cyclohexane	11000
Isooctane	1100000
Isopropylbenzene	5300 J
N-HEPTANE	24000
n-Hexane	20000
n-Propylbenzene	4500 J

V-4	8/2/18
VOCs	
1,2,4-Trimethylbenzene	4.5
1,3-Butadiene	0.71 J
2-Butanone (MEK)	4.7
Acetone	46
Benzene	7
Bromodichloromethane	93
Butane	90
Carbon disulfide	42
Carbon tetrachloride	0.84
Chlorobenzene	1.4 J
Chlorodifluoromethane	24
Chloroform	320
Chloromethane	2.0 J
Cyclohexane	5.7
Dibromochloromethane	8.2
Ethylbenzene	180
Isooctane	460
Isopropylbenzene	6.8
m+p-Xylene	410
Methyl Methacrylate	44
Methylene chloride	2.6 J
n-Hexane	12
o-Xylene	380
p-Isopropyltoluene	15
Styrene	13
Tetrachloroethene	0.75 J
Toluene	14
Trichloroethene	1.2
Trichlorofluoromethane	21
Xylenes (total)	790



V-5	8/2/18
VOCs	
1,1,1-Trichloroethane	6.0 J
1,3-Butadiene	13
2-Butanone (MEK)	11 J
Benzene	8.6 J
Butane	170
Carbon disulfide	21 J
Chloroform	27
Cyclohexane	14
Isooctane	39
m+p-Xylene	4.9 J
N-HEPTANE	160
n-Hexane	84
Tetrachloroethene	26
Toluene	1300

LEGEND

- MR-12 — SOIL BORING AND TEMPORARY MONITORING WELL LOCATION AND DESIGNATION
- RX-7 — SOIL BORING LOCATION AND DESIGNATION
- V-4 — SOIL VAPOR SAMPLING LOCATION AND DESIGNATION
- CATCH BASIN
- SITE
- GROCERY STORE FOOTPRINT
- GROCERY STORE BASEMENT
- ELEVATOR

TYPICAL DATA BOX INFORMATION

SAMPLE ID# → V-3 | 8/2/18 ← SAMPLE DATE

V-3	8/2/18
VOCs	
Benzene	5400 J
Butane	24000
Cyclohexane	11000
Isooctane	1100000
Isopropylbenzene	5300 J
N-HEPTANE	24000
n-Hexane	20000
n-Propylbenzene	4500 J

ANALYTES — CONCENTRATION ($\mu g/m^3$)

Concentrations in $\mu g/m^3$
$\mu g/m^3$ – Micrograms per cubic meter
VOCs – Volatile Organic Compounds
J – Estimated value

N

50' 0 50'

Title:

SUMMARY OF DETECTIONS IN SOIL VAPOR

410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

TACONIC INVESTMENT PARTNERS, LLC

ROUX

Compiled by: L.C.	Date: 14NOV18	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	5
Project Mgr: L.C.	Project: 2477.0008Y000	
File: 2477.0008Y103.02.DWG		

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FIGURES

1. Site Location Map
2. Phase II ESA Sampling Locations
3. Summary of Exceedances in Soil
4. Summary of Exceedances in Groundwater
5. Summary of Detections in Soil Vapor

APPENDIX A

Previous Environmental Reports

Phase I Environmental Site Assessment

Prepared for:

The Great Atlantic & Pacific
Tea Company, Inc.
2 Paragon Drive
Montvale, NJ 07645

Pathmark Supermarket
410 West 207th Street
New York, New York

EBI Project No. 11105061

October 7, 2010

EBI CONSULTING
Creating Value for Your Business

EBI CONSULTING
21 B STREET
BURLINGTON, MASSACHUSETTS 01803
(800) 786-2346

PROJECT NO. 11105061

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Pathmark Supermarket
410 West 207th Street
New York, New York 10034

Prepared for:

The Great Atlantic & Pacific Tea Company, Inc.
2 Paragon Drive
Montvale, NJ 07645

EBI CONSULTING
Creating Value for Your Business

21 B Street
Burlington, MA 01803
Tel: (800) 786-2346
Fax: (617) 273-3311

October 7, 2010

Mr. David O'Sullivan
The Great Atlantic & Pacific Tea Company, Inc.
2 Paragon Drive
Montvale, NJ 07645

Subject: Phase I Environmental Site Assessment
Pathmark Supermarket
410 West 207th Street, New York, New York
EBI Project No. 11105061

Dear Mr. O'Sullivan:

Attached please find our Phase I Environmental Site Assessment (the report) for the above-mentioned asset (the Subject Property). During the survey and research, our surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the Subject Property and its history. The report was completed according to the terms and conditions authorized by you. This report has been completed in general conformance with the ASTM Standard E 1527-05.

The purpose of this report is to assist The Great Atlantic & Pacific Tea Company, Inc. in its underwriting of a proposed mortgage loan on the Subject Property described herein.

This report is addressed to The Great Atlantic & Pacific Tea Company, Inc. and such other persons as may be designated by The Great Atlantic & Pacific Tea Company, Inc. and their respective successors and assigns.

Reliance on the report and the information contained herein shall mean (i) the report may be relied upon by The Great Atlantic & Pacific Tea Company, Inc., in determining whether to make a loan evidenced by a note secured by the Subject Property ("the Mortgage Loan"); (ii) the report may be relied upon by any loan purchaser in determining whether to purchase the Mortgage Loan from The Great Atlantic & Pacific Tea Company, Inc., or an interest in the Mortgage Loan or securities backed or secured by the Mortgage Loan, and any rating agency rating securities representing an interest in the Mortgage Loan or backed or secured by the Mortgage Loan; (iii) the report may be referred to in and included, in whole or in part, with materials offering for sale the Mortgage Loan or an interest in the Mortgage Loan or securities backed or secured by the Mortgage Loan; (iv) the report speaks only as of its date in the absence of a specific written update of the report signed and delivered by EBI Consulting.

There are no intended or unintended third party beneficiaries to this report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the report or on the closing of any business transaction.

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

Thank you very much for the opportunity to provide environmental consulting services to The Great Atlantic & Pacific Tea Company, Inc.. Should you have any questions or require additional information, please do contact the undersigned.

Respectfully submitted,
EBI CONSULTING

Kenneth Deemer Author/Staff Scientist	Stephanie Trueb Reviewer/Program Manager (803) 412-7823	Rich MacAulay Managing Consultant

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EXECUTIVE SUMMARY

At the request of The Great Atlantic & Pacific Tea Company, Inc., EBI has performed a Phase I Environmental Site Assessment (ESA) of the property located at 410 West 207th Street in New York, New York, herein referred to as the Subject Property. The main objective of this ESA was to identify *recognized environmental conditions* in connection with the Subject Property, defined in ASTM Practice E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products that indicate an existing release, a past release, or a material threat of a release. This ESA also includes a preliminary evaluation of certain potential environmental conditions that are outside the scope of ASTM Practice E 1527-05.

The Subject Property includes two contiguous, rectangular-shaped parcels, cumulatively totaling approximately 2.285 acres. The Subject Property is currently improved with a one-story, 31,881square foot (footprint), Pathmark supermarket with basement located on the western portion of the Subject Property. The eastern portion of the property is utilized as a parking area. The existing improvements were reportedly constructed in 1968.

At the time of inspection, the Subject Property was occupied by a Pathmark supermarket. There are currently no manufacturing or industrial operations conducted at the Subject Property.

Below is the Assessment Summary Table presenting our recommended actions for the Subject Property. EBI's Findings and Opinions are presented in Section 8.0, and recommendations for further action or investigation are presented in Section 9.0.

ASSESSMENT SUMMARY TABLE			
Assessment Component	**Section(s)**	**Recommended Actions**	**Estimated Cost**
Historical Review	4.3	EBI recommends that a geophysical survey, including a ground penetrating radar (GPR) survey and/or magnetometer survey, be conducted in order to determine whether any underground storage tank (UST) systems associated with the former on-site gasoline service station remain on the northeastern portion of the Subject Property. EBI additionally recommends that a limited subsurface investigation be conducted, in order to characterize subsurface soil and/or groundwater conditions due to historic use, potential presence of urban fill material and potential PCB-containing elevator equipment.	$3,500 for geophysical survey; $8,000 to $12,000 for limited subsurface investigation.
Current Occupants / Operations	2.3, 5.0	No Further Action	
Hazardous Substances / Petroleum Products	5.2	No Further Action	
Waste Generation	5.3	No Further Action	
Storage Tanks	5.4	No Further Action	
PCBs	5.5	No Further Action	
Potential Off-site Sources	2.5, 4.1	No Further Action	
Regulatory Agency / Database Review	4.1	No Further Action	
Asbestos Containing Materials	7.1	EBI recommends that all suspect asbestos-containing materials (ACM) identified be bulk sampled by a licensed asbestos inspector prior to any renovation or demolition activities. Any materials that are determined to be asbestos-containing through bulk sampling should be removed by a licensed abatement contractor prior to renovation or demolition activities that would disturb these materials.	Action Item
Radon	7.2	No Further Action	
Lead-Based Paint	7.3	No Further Action	
Lead in Drinking Water	7.4	No Further Action	

1.0 INTRODUCTION

This report documents the findings, opinions, and conclusions of a Phase I Environmental Site Assessment (ESA) of the property located at 410 West 207th Street in New York, New York.

1.1 PURPOSE

The purpose of this ESA was to identify *recognized environmental conditions* and certain environmental conditions outside the scope of ASTM Practice E 1527-05 in connection with the property at the time of the property reconnaissance.

1.2 SCOPE-OF-SERVICES

This ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1527-05. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-05 are noted below or in the corresponding sections of this report. The scope-of-work for this assessment included an evaluation of the following:

- Physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
- Subject Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.
- Current Subject Property conditions, including observations and interviews regarding the following: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground).
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within specified minimum search distances.
- Past ownership through a review of available prior reports and local municipal file review.

The scope-of-work also included consideration of the following potential environmental conditions that are outside the scope of ASTM Practice E 1527-05: asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water, and radon.

1.3 ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS

This Phase I Environmental Site Assessment (the report) has been prepared for the use of The Great Atlantic & Pacific Tea Company, Inc., in accordance with our Standard Conditions for Engagement and Authorization Letter and Agreement for Environmental Services approved and signed by The Great Atlantic & Pacific Tea Company, Inc., and with the limitations described below, all of which are integral parts of this report. A copy of the signed Standard Conditions For Engagement and Authorization Letter and Agreement for Environmental Services is maintained at the EBI Consulting office in Burlington, Massachusetts.

EBI has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of *ASTM Standard E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-05.

This Phase I Environmental Site Assessment has been prepared to assess a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit The Great Atlantic & Pacific Tea Company, Inc. to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice" as defined in 42 U.S.C. § 9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis conditions* that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-05; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information was obtained through review of reasonably ascertainable standard government record sources and interviews with the authorities having jurisdiction over the Subject Property. Findings, conclusions, and recommendations included in the report are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied documents and drawings. EBI relies completely on the information, whether written, graphic, or verbal, provided by the Subject Property contact or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy

or completeness of all information reviewed or received during the course of these environmental services.

The observations in this report are valid on the date of the investigation. Where access to portions of the Subject Property or to structures on the Subject Property was unavailable or limited, EBI renders no opinion as to the presence of hazardous substances or petroleum products in that portion of the Subject Property or structure. Inaccessible portions of the Subject Property are described below. In addition, EBI renders no opinion as to the presence of, or indirect evidence relating to, hazardous substances or petroleum products where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

It is acknowledged that EBI judgments shall not be based on scientific or technical tests or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by the Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services are not guaranteed to be a representation of actual conditions on the Subject Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchantability and the warranty of fitness for a particular purpose.

Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

The ASTM Standard E 1527-05 does not encompass analytical testing to evaluate asbestos containing materials, radon, lead-based paint, drinking water quality, indoor air quality, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Any analytical testing performed at the Subject Property has been conducted in accordance with the Standard Conditions for Engagement and Authorization Letter and Agreement for Environmental Services and the client-specific Scope of Work. Unless otherwise specified herein, such testing involves screening methods intended to provide a broad and approximate evaluation of conditions at readily accessible portions of the Subject Property, limited by project constraints, and should not be construed as a comprehensive program designed to comply with a specific regulatory program. If a thorough and regulatory-compliant study is warranted based on the findings of the Phase I ESA, EBI will recommend the appropriate further investigation. In certain cases, quantitative laboratory testing is performed as part of the assessment and analyses have been conducted by an outside laboratory. EBI relies upon the data provided by the outside laboratory, and has not conducted an independent evaluation of the reliability of this data.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The report speaks only as of its date, in the absence of a specific written update of the report, signed and delivered by EBI.

Additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost. This report has been prepared in accordance with our Standard Conditions for Engagement, which is an integral part of this report.

1.4 SPECIAL TERMS AND CONDITIONS

This Phase I Environmental Site Assessment (the report) has been prepared to assist The Great Atlantic & Pacific Tea Company, Inc. in its underwriting of a proposed mortgage loan on the Subject Property. This report can be relied upon by only the parties stated in the transmittal letter at the front of this report. EBI's liability to a purchaser wishing to use this report is limited to the cost of the report. Amendments to EBI's limitations as stated herein that may occur after issuance of the report are considered to be included in this report. Payment for the report is made by, and EBI's contract and report extends to The Great Atlantic & Pacific Tea Company, Inc. only, in accordance with our Standard Conditions For Engagement and, Authorization Letter and Agreement for Environmental Services.

1.5 DATA GAPS

Any data gaps identified herein, as defined by ASTM Practice E 1527-05 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 OWNERSHIP AND LOCATION

According to the City of New York Department of Finance online website, the Subject Property is currently owned by Sand Merger Corp. c/o The Great Atlantic & Pacific Tea Company, Inc.

The Subject Property is located at 410 West 207th Street in New York, New York. The Subject Property includes two contiguous, rectangular -shaped parcels, identified by the New York, New York Assessor's Office as Block 2203, Lots 9 and 21, cumulatively totaling approximately 2.285 acres. The Subject Property is located in the southwest quadrant of the intersection of West 207th Street and Ninth Avenue. Figure 1 - Location Map depicts the location of the Subject Property on a street map of New York, New York. Figure 2 - Locus Map depicts the location of the Subject Property on the Central Park, New York United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle. Figure 3 - Site Plan depicts the configuration of the Subject Property and adjoining properties.

2.2 SUBJECT PROPERTY IMPROVEMENTS

The Subject Property is currently improved with a one-story, 31,881square foot (footprint), Pathmark supermarket with basement located on the western portion of the Subject Property. The eastern portion of the property is utilized as a parking area. The existing improvements were reportedly constructed in 1968.

The existing building is located on the western portion of the property. Areas of the Subject Property surrounding the existing building include the following: asphalt-paved surface parking, located along the eastern side of the building; and concrete walkways, located on the northern and southern sides of the building.

2.3 CURRENT USE OF THE SUBJECT PROPERTY

At the time of inspection, the Subject Property was occupied by a Pathmark supermarket. There are currently no manufacturing or industrial operations conducted at the Subject Property.

CURRENT OCCUPANTS AND OPERATIONS			
Occupant	**Location**	**Operations**	**Notable Hazardous Substances / Petroleum Products Identified**
Pathmark supermarket	Entire building	Grocery store	Yes

Please refer to Section 5.2 for further discussion regarding hazardous substances and petroleum products at the Subject Property.

2.4 MUNICIPAL SERVICES & UTILITIES

The Subject Property is serviced by the following municipal services and utilities:

MUNICIPAL SERVICES AND UTILITIES	
Utility	**Provider/Source**
Potable Water Supply	New York City Department of Environmental Protection
Sewage Disposal System	New York City Department of Environmental Protection
Electrical Service	Con Edison
Natural Gas Service	Con Edison
Oil Service	Not provided
Heating/Cooling Systems	Rooftop-mounted electric / natural gas HVAC units
Emergency Power	One natural gas-fired emergency generator

2.5 ADJOINING PROPERTIES

Property use in the vicinity of the Subject Property is primarily characterized by residential and retail/commercial development.

ADJOINING PROPERTIES	
North	The Subject Property is bound to the north by West 207th Street, beyond which is a Hess Service Station (401 W 207th).
South	The Subject Property is bound to the south by 206th Street, beyond which is an apartment building and Lebron Restaurant Equipment & Supply Inc (3835 9th Avenue).
East	The Subject Property is bound to the east by 9th Avenue, beyond which is Beer and Soda Wholesale (3857 9th Ave.)
West	The Subject Property is bound to the west by 206th Street, beyond which is an apartment/retail building.

No visual evidence of adverse environmental conditions was observed during the survey of the adjoining properties with the exception of the Hess Service Station at 401 W. 207th Street, which is listed as a Closed Case Leaking Storage Tank site and is further discussed in Section 4.1.2.

3.0 USER PROVIDED INFORMATION

The following section summarizes information provided by The Great Atlantic & Pacific Tea Company, Inc. with regard to this Phase I Environmental Site Assessment. Additionally, a User Questionnaire was forwarded to the designated Client contact. The User Questionnaire has been completed and returned to our offices. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The User Questionnaire and any additional documentation referenced below is presented in Appendix C.

3.1 TITLE RECORDS

Title record information associated with the Subject Property has not been provided to EBI by The Great Atlantic & Pacific Tea Company, Inc.. A detailed discussion regarding review of information obtained from other sources is presented in Section 4.3.5 of this report.

3.2 ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS

The Great Atlantic & Pacific Tea Company, Inc. has provided no information regarding environmental liens or activity and use limitations in connection with the Subject Property. A detailed discussion regarding environmental liens is presented in Section 4.3.7 of this report. A detailed discussion regarding activity and use limitations is presented in Sections 4.1.1 and 4.1.2 of this report.

3.3 SPECIALIZED KNOWLEDGE

The Great Atlantic & Pacific Tea Company, Inc. provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. EBI was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as presented in Section 4.3.8 of this report.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The Great Atlantic & Pacific Tea Company, Inc. has provided no commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to recognized environmental conditions in connection with the Subject Property.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Great Atlantic & Pacific Tea Company, Inc. has provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The Great Atlantic & Pacific Tea Company, Inc. provided contact information for the Subject Property owner, manager and/or occupants.

3.7 REASON FOR PERFORMING PHASE I ESA

The Great Atlantic & Pacific Tea Company, Inc. retained EBI to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

4.0 RECORDS REVIEW

4.1 STANDARD ENVIRONMENTAL RECORDS

A review of standard environmental databases maintained by Federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-05, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded "orphan" properties within the same zip code. The database report is presented in Appendix E.

The database report identified 20 "orphan sites." Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. EBI attempted to locate these sites via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, EBI did not identify listed orphan sites within the approximate minimum search distances that may be considered likely to have impacted conditions at the Subject Property.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, EBI uses the best available data when evaluating the location of listed sites discussed below.

The following table provides a summary of the findings of the environmental database report. Specific properties identified within the database report are further discussed below.

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	**Approximate Minimum Search Distance**	**Subject Property Listed**	**Off-site Listings Within Search Distance**
Federal NPL Sites	1.0 mile	No	**1**
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA non-CORRACTS TSD Sites	0.5 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	No	0
Federal Engineering / Institutional Control Sites	0.5 mile	No	0
Federal ERNS Sites	Property	No	NA
State and Tribal equivalent NPL / CERCLIS Sites	1.0 / 0.5 mile	No	0
State and Tribal Spills Sites	Property	No	NA
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	**60**
State and Tribal Registered Storage Tank Sites	Property & Adjoining	No	0
State and Tribal Engineering / Institutional Control Sites	0.5 mile	No	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0

4.1.1 Federal Agency Database Records

National Priority List (NPL)
The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act. The Subject Property was not identified on the NPL. However, one site located within 1.0 mile of the Subject Property was identified on the NPL. Information regarding the listed site is presented in the following table:

NPL			
Site	**Distance / Direction / Gradient***	**EPA ID No.**	**Regulatory Status**
Hudson River PCBs	0.8 miles/ Northwest/ Crossgradient	NYD980763841	Discovery: Not Reported Proposed: 09/08/1983 Status: Final 09/21/1984 Contaminants: PCBs Media Impacted: GW

* Presumed hydrogeologic gradient based upon regional topography

Based upon the distance and presumed hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified NPL facility represent an environmental concern to the Subject Property.

Delisted National Priority List (NPL)
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the Delisted NPL database.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
CERCLIS contains data regarding 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 that are included on the National Priority List (NPL), as well as sites which are in the screening and assessment phase for possible inclusion on the NPL. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the CERCLIS database.

CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP)
As of February 1995, CERCLIS sites designated as No Further Remedial Action Planned (NFRAP) have been removed from the CERCLIS list. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the CERCLIS-NFRAP database.

Resource Conservation and Recovery Act (RCRA) – Corrective Action Tracking System (CORRACTS)
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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the RCRA CORRACTS database.

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) Facilities
RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the RCRA non-CORRACTS TSD database.

RCRA Hazardous Waste Generators
Hazardous waste generators tracked under the Resource Conservation and Recovery Act (RCRA) are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. Neither the Subject Property nor any adjoining properties were identified on the RCRA Generator database.

Federal Engineering Control / Institutional Control Registries
The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on Federal Engineering Control or Institutional Control Registries.

Emergency Response Notification System (ERNS)
ERNS is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to Federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property was not identified on the ERNS database.

4.1.2 State and Tribal Agency Database Records

State and Tribal equivalent NPL Sites and CERCLIS Sites

State and tribal equivalent NPL and CERCLIS databases were searched for sites located within 1.0 mile and 0.5 mile of the Subject Property, respectively. Neither the Subject Property nor any sites located within the specified minimum search distances were identified on state and/or tribal databases.

State and Tribal Spills Sites (Spills)
A review of available Spills databases was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property was not identified on the Spills database.

State and Tribal Landfill Sites and Solid Waste Disposal Sites
The state and tribal landfill and solid waste disposal site databases identify active or inactive landfill and transfer station facilities, as well as open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal landfill and solid waste disposal site databases.

State and Tribal Leaking Storage Tank Sites
Leaking Storage Tank Sites are properties where releases of hazardous substances or petroleum products from underground storage tanks (USTs) and/or aboveground storage tanks (ASTs) have been identified and reported to state, tribal, or local agencies. The Subject Property was not identified on state or tribal Leaking Storage Tank databases. According to the Leaking Storage Tank database, 60 sites located within 0.5 mile of the Subject Property were identified on state or tribal Leaking Storage Tank databases. Of the listed sites, 44 sites are located greater than 0.25 mile from the Subject Property. Based upon the distance from the Subject Property, these 14 sites are considered unlikely to represent an environmental concern to the Subject Property. The remaining sixteen (16) LUST sites located within 0.25 mile of the Subject Property have been granted "Closed Case" and/or "No Further Action" status by the New York State Department of Environmental Conservation (NYSDEC). Based on their current regulatory status, the remaining 16 sites are considered unlikely to represent an environmental concern to the Subject Property.

State and Tribal Registered Storage Tanks
Neither the Subject Property nor any adjoining properties were identified on state or tribal Registered Storage Tank databases.

State and Tribal Engineering Control / Institutional Control Registries
The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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 affect human health. 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal Engineering Control or Institutional Control Registries.

State and Tribal Voluntary Cleanup Sites
Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal Voluntary Cleanup Site databases.

State and Tribal Brownfield Sites

Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal Brownfield Sites databases.

4.1.3 Local Regulatory Agency Records

Local municipal offices consulted during the completion of this assessment included the City of New York Building Department, Planning Department, Department of Environmental Protection, Department of Health, and Fire Department. EBI did not identify documented adverse environmental conditions, violations, or complaints associated with the Subject Property. EBI did not identify records of spills or releases of hazardous substances or petroleum products having occurred at the Subject Property.

City of New York Building Department

EBI reviewed available online files regarding the Subject Property at the City of New York Building Department (DOB) website for information regarding past uses of the Subject Property. The review of the online files indicates that the Building Permit for the construction of the existing building was issued in 1968. The review of DOB records also showed that Certificates of Occupancy were issued for the former auto garage and office in 1925, Miramar Baths in 1926, and the former gas station in 1947.

City of New York Department of Environmental Protection

EBI has submitted a written request to City of New York Department of Environmental Protection for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property, in accordance with the Freedom of Information Act (FOIA). As of the date of this report, EBI has not received a response to this inquiry. Upon receipt of the agency response, if the provided information has a material effect on the findings of this report, EBI will forward this information as an addendum to this report. If no response is received, or no material information is identified, our report will not be modified.

City of New York Department of Health

EBI has submitted a written request to the City of New York Department of Health for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property, in accordance with the Freedom of Information Act (FOIA). As of the date of this report, EBI has not received a response to this inquiry. Upon receipt of the agency response, if the provided information has a material effect on the findings of this report, EBI will forward this information as an addendum to this report. If no response is received, or no material information is identified, our report will not be modified.

City of New York Fire Department

EBI has submitted a written request to the City of New York Fire Department for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property, in accordance with the Freedom of Information Act (FOIA). As of the date of this report, EBI has not received a response to this inquiry. Upon receipt of the agency response, if the provided information has a material effect on the findings of this report, EBI will forward this information as an addendum to this report. If no response is received, or no material information is identified, our report will not be modified.

4.2 PHYSICAL SETTING

4.2.1 Topography

The Subject Property is located at an elevation of approximately 20 feet above mean sea level (msl). The topography of the Subject Property is relatively flat and slopes gently to the southeast. Two artificial basins are located on the western portion of the Subject Property. The Subject Property is located in a relatively flat area, and the general slope of the surrounding region is to the southeast (see Figure 2 - Locus Map, which depicts the location of the Subject Property on the Central Park, New York USGS 7.5 Minute Topographic Quadrangle).

4.2.2 Geology and Soils

No bedrock outcroppings were observed at the Subject Property. Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered "urban land" and is characterized by a non-homogeneous distribution of soil and fill types. Excavation and backfilling for building foundations, utility conduits, subway systems and other construction results in a varied subsurface profile. In this setting, estimation of local subsurface parameters such as permeability, moisture content, and organic fraction is not feasible without site-specific testing data. Urban sites such as the Subject Property have typically been filled with material imported from off-site sources during development. Such fill material may have unknown origins and has the potential to exhibit contaminant concentrations above regulatory cleanup criteria. The potential presence of fill material is considered a recognized environmental condition (REC).

4.2.3 Hydrogeology and Hydrology

No natural surface water bodies were identified on or adjacent to the Subject Property. The nearest downgradient surface water body is the Harlem River, located approximately 1,000 feet southeast of the Subject Property.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the southeast. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater monitoring wells and precise measurements of hydrostatic pressure. Monitoring wells were not observed on the Subject Property.

4.2.4 Flood Zone

The Federal Emergency Management Agency (FEMA) maps and rates flood hazard zones throughout the United States. These zones are depicted on a Flood Insurance Rate Map (FIRM), designated by Community Map and Panel numbers. The flood hazard zones range from Zone A or AE (A1 – A130), with Base Flood Elevations (BFE) determined, to Zone X, unshaded areas outside the 500-year floodplain. EBI utilizes CDYS' RiskMeter (Transamerica Data) First American Flood Data Services Flood Insights mapping system to obtain the Flood Zone Determination of the Subject Property. First American Flood Data Services searches the FEMA FIRM Map and Panel to obtain the Flood Zone Determination of the Subject Property.

The Subject Property Flood Zone Determination appears to be Zone X, defined as an area outside the 100-year and 500-year floodplains, as depicted on the First American Flood Data Services Flood Hazard Certification, Community Map #360497, Panel #0081F, dated September 5, 2007. A copy of the Flood Zone Map is presented as Figure 4.

4.3 HISTORICAL USE OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

EBI attempted to determine the history of the Subject Property dating back to 1940 or first developed use. The following table summarizes the historical use of the Subject Property and surrounding area.

HISTORICAL USE SUMMARY			
Period	**Historical Uses**		**Source(s)**
	Subject Property	**Surrounding Area**	
At least 1896-1925	Undeveloped land.	Undeveloped land.	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories Municipal Records Personal Interviews
1926-1946	Miramar Bath House and auto garage.	Mix of residential and commercial properties.	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories Municipal Records Personal Interviews
1947-1968	Miramar Bath House, gasoline filling station, and auto garage.	Mix of residential and commercial properties.	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories Municipal Records Personal Interviews
1969 to Present	Existing Pathmark supermarket building.	Mix of residential and commercial properties.	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories Municipal Records Personal Interviews

No environmentally significant conditions were identified on the Subject Property or surrounding properties during the historical review with the exception of the former gasoline filling station, which is further discussed in Section 4.3.8.

4.3.1 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. Historical aerial photographs depicting the Subject Property and vicinity were obtained from EDR/Aerial Photographs. It should be noted that due to size of the Subject Property and scale of available aerial photographs, limited details of the Subject Property and its surrounding area was identifiable. Aerial photographs depicting the Subject Property were reviewed and are summarized in the following table. Copies of the aerial photographs are presented in Appendix F.

AERIAL PHOTOGRAPH SUMMARY		
Year	**Issues Noted**	**Observations**
1954	No	**Subject Property:** The Subject Property appears to consist of a large commercial building and swimming pool located on the northern portion and two small structures depicted on the eastern portion of the Property.
		Surrounding Area: Surrounding properties appear to consist of a mix of commercial and

AERIAL PHOTOGRAPH SUMMARY		
Year	**Issues Noted**	**Observations**
		residential properties.
1966	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted on the 1954 photograph.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1954 photograph.
1975	No	**Subject Property:** Conditions on the Subject Property are depicted as they exist at the present day. The current Pathmark supermarket and associated parking areas are depicted on the Subject Property.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1966 photograph.
1984	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted on the 1975 photograph.
		Surrounding Area: Conditions on the Subject Property appear to be similar to those depicted on the 1975 photograph.
1994	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted on the 1984 photograph.
		Surrounding Properties: Conditions on the Subject Property appear to be similar to those depicted on the 1984 photograph.
2006	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted on the 1994 photograph.
		Surrounding Properties: Conditions on the Subject Property appear to be similar to those depicted on the 1994 photograph.

4.3.2 Fire Insurance Maps

A search for historical fire insurance maps depicting the Subject Property and vicinity was conducted by EDR Sanborn Maps, Inc. Historical fire insurance maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the fire insurance maps are presented in Appendix F.

FIRE INSURANCE MAP SUMMARY		
Year	**Issues Noted**	**Observations**
1893	No	**Subject Property:** The Subject Property is shown us unimproved.
		Surrounding Properties: The surrounding properties are shown as unimproved.
1900	No	**Subject Property:** The Subject Property is shown us unimproved.
		Surrounding Properties: The surrounding properties are shown as unimproved.
1913	No	**Subject Property:** The Subject Property is shown us unimproved.
		Surrounding Properties: One apartment building is depicted to the west.
1935	No	**Subject Property:** The northern portion of the Subject Property is improved with a 3-story structure and swimming pool, occupied by Miramar Baths (bath house).
		Surrounding Properties: Several apartment/ retail buildings are depicted to the west.
1950	Yes	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1935 map with the addition of a filling station on the northeastern portion of the Subject Property and an auto garage on the southeastern portion of the Subject Property.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1935 map with the addition of a large apartment building to the south.

FIRE INSURANCE MAP SUMMARY		
Year	**Issues Noted**	**Observations**
1968	Yes	**Subject Property:** The Subject Property is developed with the current Pathmark building on the northwestern portion of the property, along with the filling station on the northeastern portion of the Subject Property and an auto garage on the southeastern portion of the Subject Property.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1950 map, with the addition of a filling station and auto facility located to the north, across West 207th Street.
1969	No	**Subject Property: :** Conditions on the Subject Property appear to be similar to those depicted in the 1968 map with the exception of the filling station, which is no longer present.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1968 map.
1977	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1969 map with the exception of the auto garage, which is no longer present.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1969 map.
1979	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1977 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1977 map.
1980	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1979 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1979 map.
1981	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1980 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1980 map.
1983	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1981 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1981 map.
1985	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1983 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1983 map.
1986	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1985 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1985 map.
1988	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1986 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1986 map.
1989	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1988 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1988 map.
1991	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1989 map.

FIRE INSURANCE MAP SUMMARY		
Year	**Issues Noted**	**Observations**
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1989 map.
1992	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1991 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1991 map.
1994	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1992 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1992 map.
1995	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1994 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1994 map.
1996	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1995 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1995 map.
2001	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 1996 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 1996 map.
2002	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 2001 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 2001 map.
2003	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 2002 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 2002 map.
2004	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 2003 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 2003 map.
2005	No	**Subject Property:** Conditions on the Subject Property appear to be similar to those depicted in the 2004 map.
		Surrounding Properties: Conditions on the surrounding properties appear to be similar to those depicted in the 2004 map.

4.3.3 Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical topographic maps depicting the Subject Property and vicinity was conducted by Environmental Data Resources, Inc. (EDR). Historical topographic maps depicting the Subject Property

were reviewed and are summarized in the following table. Copies of the topographic maps are presented in Appendix F.

TOPOGRAPHIC MAP SUMMARY		
Year	**Issues Noted**	**Observations**
1897	No	**Subject Property:** No structures or other notable features are depicted on the Subject Property.
		Surrounding Properties: No structures or other notable features are depicted on the surrounding properties.
1947	No	**Subject Property:** No structures or other notable features are depicted on the Subject Property.
		Surrounding Properties: A large building is depicted to the northwest.
1966	No	**Subject Property:** The Subject Property is shaded to represent urban development; no distinct structures or other notable features are depicted.
		Surrounding Properties: The surrounding properties are shaded to represent urban development; no distinct structures or other notable features are depicted.
1979	No	**Subject Property:** The Subject Property is shaded to represent urban development; no distinct structures or other notable features are depicted.
		Surrounding Properties: The surrounding properties are shaded to represent urban development; no distinct structures or other notable features are depicted.
1995	No	**Subject Property:** The Subject Property is shaded to represent urban development; no distinct structures or other notable features are depicted.
		Surrounding Properties: The surrounding properties are shaded to represent urban development; no distinct structures or other notable features are depicted.

4.3.4 Street Directories

Street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by Environmental Data Resources, Inc. (EDR). Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in Appendix F.

STREET DIRECTORY SUMMARY		
Year	**Issues Noted**	**Occupants**
1920	No	No listing
1923	No	No listing
1927	No	No listing
1931	No	No listing
1934	No	No listing
1938	No	No listing
1942	No	No listing
1947	No	No listing
1950	No	No listing
1956	No	No listing
1958	No	No listing
1963	No	Miramar Swimming Pool
1968	No	No listing
1973	No	Pathmark of Inwood

STREET DIRECTORY SUMMARY		
Year	**Issues Noted**	**Occupants**
1978	No	Pathmark of Inwood
1983	No	Pathmark of Inwood
1988	No	Pathmark of Inwood
1993	No	Pathmark of Inwood
1996	No	No listing
1998	No	Pathmark of Inwood
2000	No	Pathmark of Inwood
2006	No	Pathmark of Inwood

4.3.5 Recorded Land Title Records

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A "chain of title" is a continuous record of ownership for a specific parcel. A 50-year chain of title search was not included in the scope of work for this assessment.

4.3.6 Property Tax Records

The property card for the Subject Property was obtained at the City of New York Department of Finance online website. The property card identifies the current owner as Sand Merger Corp. c/o The Great Atlantic & Pacific Tea Company, Inc. Assessor's Office records indicate that the existing building was constructed in 1968. A listing of the former Subject Property owners was not available for review.

4.3.7 Environmental Liens and Activity and Use Limitations

A search for Environmental Liens and Activity and Use Limitations was not included in the scope of this assessment.

4.3.8 Previous Environmental Reports

EBI was provided with the following previous environmental report performed for the Subject Property. Relevant information from the previous report is discussed in the appropriate sections of this report, and portions of the previous report are presented in Appendix G.

Phase I Environmental Site Assessment, Existing Pathmark Supermarket, 410 West 207th St, New York, NY, prepared by Whitestone Associates, Inc. (Whitestone) of Warren, NJ, dated October 4, 2007.

The Whitestone Report was completed in general conformance with ASTM Standard E 1527-05. The scope of the Whitestone Report investigation included visual reconnaissance of the Subject Property, interviews with knowledgeable persons associated with the Subject Property, review of available regulatory information contained within federal and state environmental databases and other local environmental records, review of the physical characteristics and history of the Subject Property, and a limited visual survey for the presence of asbestos-containing materials (ACM), and a limited lead-based paint (LBP) visual survey. The following information was presented in the Whitestone Report:

- At the time of the Whitestone Report, the Subject Property was improved with a Pathmark supermarket and associated parking areas.

- According to resources reviewed by Whitestone, the site building was constructed in 1968 and was utilized as a supermarket since that time. Prior to the construction of the existing site building, the property was occupied my Miramar Baths from 1926 until at least 1963. In addition, a gasoline station and office had been located in the northeastern portion of the site from 1947 until 1968 and an auto garage and office had been located in the southeastern portion of the site from 1925 until 1968. Prior to 1926, the Subject Property was undeveloped.

- Whitestone reported that the operations of the former on-site gasoline station are suspected to have included the on-site storage and use of petroleum products, automotive fluids, battery acids, solvents, and/or other hazardous materials. Discharges of such materials may have resulted in adverse impacts to the subsurface soil and /or groundwater at the site. In addition, underground storage tanks utilized by the gasoline station may remain abandoned on site.

- Whitestone reported that two (2) elevators are located within the site building. The elevators utilize belowground hydraulic cylinders. Potentially, release of hydraulic fluid from these cylinders may have adversely impacted the subsurface soil and/or groundwater at the site.

- Based upon the 1968 construction date of the building, Whitestone reported that the buildings were suspected of containing asbestos-containing materials (ACM).

- Based upon the findings of the Phase I Environmental Site Assessment, Whitestone offered the following recommendation(s):

  Whitestone recommended conducting a Phase II Site Investigation (SI) including ground penetrating radar (GPR) survey and soil and groundwater sampling and analysis to determine if historic site operations, suspect USTs and elevators, hazardous material discharges, and /or fill material have adversely impacted the subsurface soil/groundwater conditions at the site.

4.3.9 Other Historical Records and Interviews

Mr. Neil Fowlers, Facility Manager, was interviewed to obtain information regarding the history of the Subject Property. Mr. Fowlers reported that he has been familiar with the Subject Property for approximately 10 years and that the existing building was constructed in 1968. Mr. Fowlers was unaware of the use or occupants of the Subject Property prior to 2000 but thought that the building was always a supermarket.

5.0 SUBJECT PROPERTY RECONNAISSANCE

The Subject Property reconnaissance was conducted by Mr. Kenneth Deemer, EBI Staff Scientist, on October 5, 2010. Mr. Deemer was accompanied by and interviewed Mr. Neil Fowlers, the Subject Property Manager.

5.1 METHODOLOGY AND LIMITING CONDITIONS

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

At the time of the survey, the weather was overcast and approximately 45° Fahrenheit. During the survey, representative tenant spaces, mechanical spaces, and/or equipment components were observed. There were no significant portions of the Subject Property that were inaccessible or excluded from this survey.

5.2 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

5.2.1 Hazardous Substances and Petroleum Products (Identified Uses)

Notable hazardous substances or petroleum products in connection with identified uses observed at the Subject Property are described below.

HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS			
General Type of Material	**Approximate Quantity / Container / Material**	**Location**	**Storage Condition**
Cleaning Compounds and Janitorial Supplies	Various sized containers, ranging from aerosol cans to five-gallon pails	Janitorial Closets	Good: No leaks or spills
Hydraulic fluid	(1) 55-gallon drum	Basement	Good: No leaks or spills

EBI did not identify evidence of significant leaks, spills, or the improper handling of petroleum or hazardous substances that might impact the environmental condition of the Subject Property.

5.2.2 Hazardous Substances and Petroleum Products (Unidentified Uses)

EBI did not observe evidence of hazardous substance or petroleum products containers at the Subject Property that were not in connection with identified uses.

5.2.3 Unidentified Substances Containers

EBI did not observe evidence of unidentified substances containers at the Subject Property.

5.3 WASTE GENERATION, STORAGE, AND DISPOSAL

EBI identified the following waste streams generated at the Subject Property:

WASTE GENERATION, STORAGE, AND DISPOSAL			
Classification	**Type of Waste / Generation Process**	**Type of Storage / Location**	**Disposal Method / Contractor**
Non-regulated Solid Waste	Municipal Solid Waste / Routine Site Operations	Solid Waste Dumpsters	Waste Management haulers municipal trash pick-up
Non-regulated Liquid Waste	Sanitary Sewage / Routine Site Operations	NA (Municipal Sanitary Sewer)	New York City Bureau of Water and Sewer Operations
	Waste Cooking Grease - Deli Operations	Floor-mounted Grease Trap (Kitchen) 10-gallon Grease Trap (Basement)	Reliable Plumbing
Regulated Solid or Liquid Waste	None identified	NA	NA
Biomedical Waste	None identified	NA	NA

No evidence of improper solid waste management or the improper disposal of hazardous substances or petroleum products was observed at the time of reconnaissance. According to information provided by the site contact, the cooking grease generated at the Subject Property is limited in quantity and is generally stored in a ten-gallon grease trap that is serviced by Reliable Plumbing once per quarter.

5.4 UNDERGROUND STORAGE TANKS (USTS) & ABOVEGROUND STORAGE TANKS (ASTS)

5.4.1 Existing Storage Tanks

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of existing USTs or ASTs located at the Subject Property.

5.4.2 Former Storage Tanks

According to historic records reviewed by EBI, a gasoline station occupied the northeastern portion of the Subject Property from 1947 until 1968. The operations of the former on-site gasoline station are suspected to have included the on-site storage and use of petroleum products, automotive fluids, battery acids, solvents, and/or other hazardous materials. No additional documentation regarding closure of the former UST system, or documentation regarding previous soil and/or groundwater investigation at this location, was identified during this assessment. Based upon the absence of closure documentation, the potential exists that the former UST systems have impacted subsurface conditions at the Subject Property. This is currently considered a recognized environmental condition (REC).

5.5 OIL-CONTAINING EQUIPMENT AND POLYCHLORINATED BIPHENYLS (PCBS)

Polychlorinated biphenyls (PCBs) are a chemical component of many dielectric fluids, heat transfer fluids, hydraulic fluids, lubricating oils, paints, or coatings manufactured prior to July 2, 1979. Equipment that may potentially contain PCBs includes electrical equipment such as transformers or capacitors or hydraulically operated equipment, such as elevators, compaction equipment, or manufacturing equipment. The manufacture and distribution in commerce of PCBs was banned for use in 1979 by the United States Congress, which enacted the Toxic Substance and Control Act (TSCA). In accordance with *US Code of Federal Regulations Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter R - Toxic Substance Control Act (TSCA), Part 761 - Polychlorinated Biphenyls (PCBs)*

Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions, the owner of a transformer or other PCB-containing equipment is responsible for equipment maintenance and remediation in the event of a leak or release.

The following oil-containing equipment was identified at the Subject Property:

OIL-CONTAINING EQUIPMENT			
Classification	**Type of Equipment**	**Year Installed / Location**	**Staining / Releases Identified**
Transformers and Fluid-Containing Electrical Equipment	None identified	NA	No
Hydraulic Equipment	(2) freight elevators	1968/ central portion of building	No
Other Oil-containing Equipment	None identified	NA	Yes No NA

Two freight elevators service the facility. The elevators are hydraulically powered and are maintained by a local maintenance company. Inspection of the elevator mechanical rooms did not reveal staining or other evidence of a release of hydraulic fluid; however, based on the elevator shafts being located below grade and the potential presence of PCBs in the hydraulic fluid, the presence of the two elevators is considered a recognized environmental condition (REC).

5.6 ADDITIONAL SITE CONDITIONS

The following is a summary of visual and/or physical observations of the Subject Property on the day of the site visit. Photographs of pertinent Subject Property features are presented in Appendix A.

ADDITIONAL SITE CONDITIONS	
Condition	**Identified**
Interior Drains, Trenches, or Sumps	Yes
Interior Stains or Corrosion	No
Unusual Odors	No
Interior Pools of Liquid	No
Stained Soil or Pavement	No
Stressed Vegetation	No
Indications of Solid Waste Disposal	No
Exterior Pits, Ponds, or Lagoons	No
Wastewater or Stormwater Discharge/Disposal	No
Oil-Water Separators or Clarifiers	No
Septic Systems or Cesspools	No
Wells (Drinking Water Wells, Monitoring Wells, Agricultural/Irrigation Wells, or Process Water Wells)	No
Petroleum or Natural Gas Pipelines/Easements	No

Floor drains and several sump pits were observed in the basement area. The floor drains and sump pits reportedly discharge to the municipal sewer system. No staining or other evidence of a release of hazardous substances or petroleum products was observed in the vicinity of these structures.

6.0 INTERVIEWS

The following persons were interviewed to obtain information regarding recognized environmental conditions in connection with the property. Additionally, a Pre-Survey Questionnaire was forwarded to the designated Subject Property contact. The Pre-Survey Questionnaire has been completed and returned to our offices. The information requested in the Pre-Survey Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The Pre-Survey Questionnaire and any accompanying documentation is presented in Appendix C.

INTERVIEWS			
Contact / Affiliation	**Date of Communication**	**Years Associated with Subject Property**	**Telephone No.**
Mr. Neil Fowlers Store Manager Pathmark Supermarket	10/5/2010	10	(212) 569-0600

Pertinent information from the interviews is presented in applicable sections of this report.

7.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-05

The following sections address environmental issues or conditions at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM Practice E 1527-05 (non-scope considerations).

7.1 ASBESTOS-CONTAINING MATERIAL (ACM)

Asbestos is a term used to describe a group of six naturally occurring crystalline fiber minerals. Asbestos has excellent thermal stability, a high degree of tensile strength, and has been used extensively in the textile, insulation, and building industries, particularly as a component in fireproofing, decorative coatings, insulation materials, and as reinforcement for plaster binders in building products. Asbestos-containing building materials are generally classified as friable or non-friable. Friable materials are those which can be crumbled, pulverized, or reduced to powder by hand pressure, or by normal use or maintenance can be expected to emit asbestos fibers into the air. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition, or other activities, at which time it may be considered friable.

EBI conducted a limited visual screening survey for the presence of ACM at the Subject Property. EBI identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated ceiling tile and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic and various construction mastics and caulking. These materials were observed to be undamaged and in good condition at the time of inspection. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of undamaged suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems.

It should be noted that the limited visual screening survey conducted under the scope of work for this assessment does not constitute a full asbestos inspection, in which all areas of the building would have been thoroughly surveyed and sampled. The possibility exists for ACM to be present in areas of the building not accessed or sampled by EBI personnel.

Due to the continued distribution of a wide variety of asbestos-containing building materials, asbestos may be present in some of the roofing, flooring, caulking/putties, adhesives, spackling compounds, and/or non-accessible insulation materials at the Subject Property. Sampling of these types of materials require techniques that may be destructive to subject facilities, and in the case of roofing material, may void warranties. It is recommended that all such suspect asbestos-containing materials be tested prior to renovation or demolition activities that could disturb the materials. Any testing, removal, or disturbance of ACM should be handled in compliance with federal, state, and local regulations. Licensed, qualified asbestos abatement personnel should be retained prior to demolition or renovation of subject facilities.

7.2 RADON

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates that Manhattan County is located within a Zone 3 radon area. Zone 3 is defined as an area that has a low potential for radon gas, with a predicted average indoor radon screening level less than 2.0 picoCuries per liter (pCi/L). The EPA recommended Action Level for radon is 4.0 pCi/L.

Based upon the non-residential nature of the Subject Property and in accordance with the scope of work for this assessment, EBI did not conduct a limited short-term radon screening at the Subject Property.

7.3 LEAD-BASED PAINT (LBP)

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm^2) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Based on the non-residential use of the existing building and in accordance with the scope of work of this assessment, a lead-based paint (LBP) survey was not conducted at the Subject Property.

7.4 LEAD IN DRINKING WATER

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and building plumbing systems. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing materials. Lead in drinking water results primarily from corrosion of lead containing materials in service lines or from corrosion of lead containing materials in building plumbing systems such as lead solder, brass, bronze, and other lead containing alloys. The EPA Action Level for lead in public drinking water supplies is 0.015 parts per million (ppm) or 0.015 milligrams per liter (mg /L).

The New York City DEP Water Supply Division provides potable water to the buildings. According to the EPA's Safe Drinking Water Information System (SDWIS), potable drinking water is obtained from lakes and reservoirs located in the Upstate New York area. The most recent analytical testing data indicates compliance with Safe Drinking Water Act (SDWA) requirements and other federal and local regulations concerning water quality, including SDWA requirements for lead. Based upon the existing municipal water service and in accordance with the scope of work for this assessment, EBI did not conduct lead-in-drinking water sampling at the Subject Property.

8.0 FINDINGS AND OPINIONS

EBI has performed this Phase I Environmental Site Assessment of the Subject Property in conformance with the scope and limitations of ASTM Standard E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has identified evidence of the following *recognized environmental conditions (RECs)* in connection with the Subject Property:

- According to historic records reviewed by EBI, a gasoline station occupied the northeastern portion of the Subject Property from 1947 until 1968, and an auto garage occupied the southeastern portion of the Subject Property from 1926 until 1968. The former operations are suspected to have included the on-site storage and use of petroleum products, automotive fluids, battery acids, solvents, and/or other hazardous materials. No additional documentation regarding closure of the former UST systems, or documentation regarding previous soil and/or groundwater investigation in this area, was identified during this assessment. Based upon the absence of closure documentation, the potential exists that the former UST systems and historical use have impacted subsurface conditions at the Subject Property. This is currently considered a *recognized environmental condition (REC).*

- Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered "urban land" and is characterized by a non-homogeneous distribution of soil and fill types. Urban sites such as the Subject Property have typically been filled with material imported from off-site sources during development. Such fill material may have unknown origins and has the potential to exhibit contaminant concentrations above regulatory cleanup criteria. The potential presence of fill material at the Subject Property is considered a *REC.*

- Two freight elevators with below-grade hydraulic cylinders service the Subject Property. The elevators are reportedly maintained by a local maintenance company. Inspection of the elevator mechanical rooms did not reveal staining or other evidence of a release of hydraulic fluid; however, based on the hydraulic cylinders being located below grade and the potential presence of PCBs in the hydraulic fluid, the presence of the two elevators is considered a *REC.*

In addition, the following *condition outside the scope of ASTM Practice E 1527-05* was identified in connection with the Subject Property:

- EBI conducted a limited visual screening survey for the presence of ACM at the Subject Property. EBI identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated ceiling tile and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic and various construction mastics and caulking. These materials were observed to be undamaged and in good condition at the time of inspection. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of undamaged suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems. Based on the condition of suspect ACM, these materials do not currently pose a significant environmental threat to the occupants of the Subject Property. Suspect ACM do not present a problem when maintained in good condition. However, additional sampling, removal, and disposal arrangements may be necessary should building construction or renovation activities be conducted. Asbestos is a condition outside the scope of ASTM E 1527-05 and is not considered a recognized environmental condition (REC).

9.0 RECOMMENDATIONS

Based upon the findings of this investigation, EBI offers the following recommendations:

- EBI recommends that a geophysical survey, including a ground penetrating radar (GPR) survey and/or magnetometer survey, be conducted in order to determine whether any underground storage tank (UST) systems associated with the former on-site gasoline service station remain on the Subject Property. EBI additionally recommends that a limited subsurface investigation be conducted, in order to characterize subsurface soil and/or groundwater conditions due to historic use, potential presence of urban fill material and potential PCB-containing elevator equipment. Estimated cost: $3,500 for geophysical survey; $8,000 to $12,000 for limited subsurface investigation.

- EBI recommends that all suspect asbestos-containing materials (ACM) identified be bulk sampled by a licensed asbestos inspector prior to any renovation or demolition activities. Any materials that are determined to be asbestos-containing through bulk sampling should be removed by a licensed abatement contractor prior to renovation or demolition activities that would disturb these materials.

10.0 REFERENCES

PHASE I ENVIRONMENTAL SITE ASSESSMENT REFERENCES

ASTM Designation E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Bedrock Geologic Map of New York State; New York State Geological Survey.

Environmental Data Resources, Inc., Aerial Decade Package; Inquiry Number 2874993.5, dated September 21, 2010.

Environmental Data Resources, Inc., Certified Sanborn Map Report; Inquiry Number 2874993.3, dated September 21, 2010.

Environmental Data Resources, Inc., EDR Historical Topographic Map report; Inquiry Number 2874993.4, dated September 21, 2010.

Environmental Data Resources, Inc., The EDR Radius Report with GeoCheck®; Inquiry Number 2874993.2r, dated September 21, 2010.

Environmental Data Resources, Inc., The EDR-City Directory Abstract; Inquiry Number 2874993.6, dated September 21, 2010.

ESRI/FEMA Flood Hazard Map, September 23, 2010, On-line: http://www.esri.com/hazards/faq.html.

Phase I Environmental Site Assessment, 410 West 207th Street, New York, NY, conducted by Whitestone Associates, Inc., dated October 4, 2007.

USGS Topographic Map, Central Park, NY Quadrangle, 7.5-Minute Series, dated 1979.

Web Soil Survey, NRCS, U.S. Department of Agriculture, October 6, 2010, On-line: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

APPENDIX A

PHOTOGRAPHS

1.	Subject Property viewed from the southwest.

2.	Subject Property viewed from the southeast.

3.	Subject Property viewed from the north.

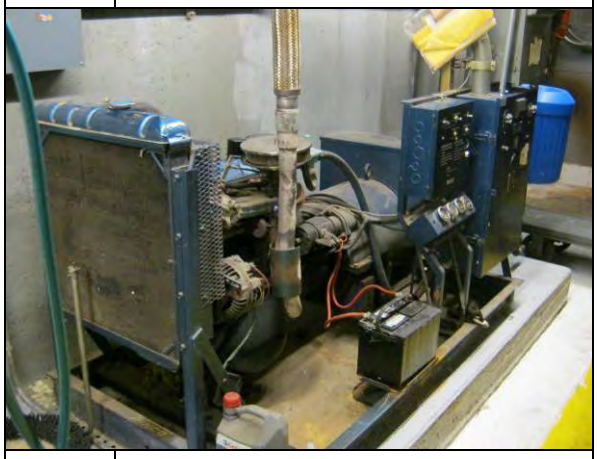
4.	Subject Property viewed from the northwest.

5.	View east from the Subject Property.

6.	View north from the Subject Property.

7.	View east from the Subject Property.

8.	View west from the Subject Property.



9.	View of natural gas fired emergency generator.

10.	View of typical sump pump location.

11.	View of typical sump pump location.

12.	View of typical restroom.

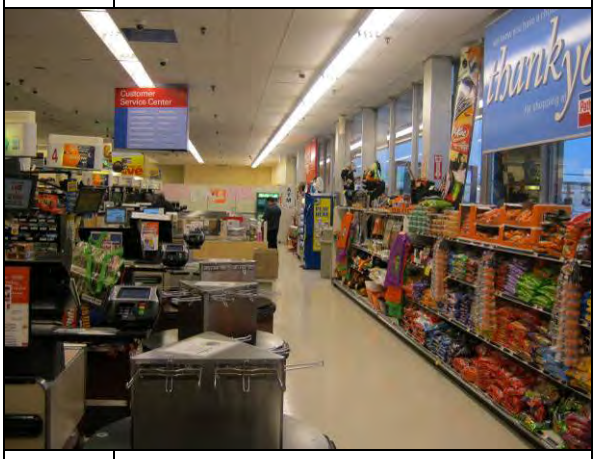
13. View of typical floor drain in basement.

14. View of grease trap.

15. View of freight elevator.

16. View of sales floor.

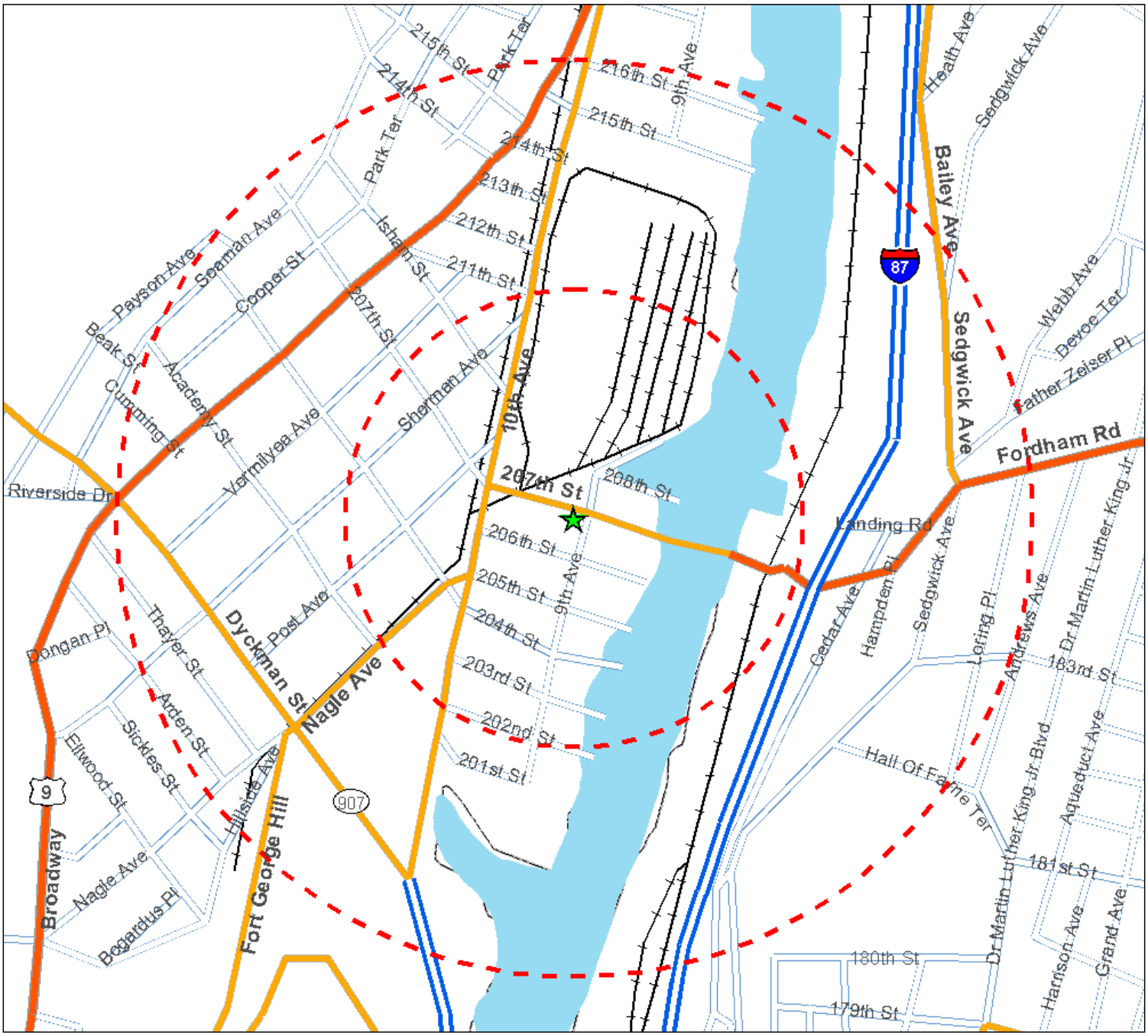
17. View of sales floor.



18. View of sales floor.

APPENDIX B

FIGURES



Legend

★ Project Site Site Buffer at 1/4 and 1/2 mile

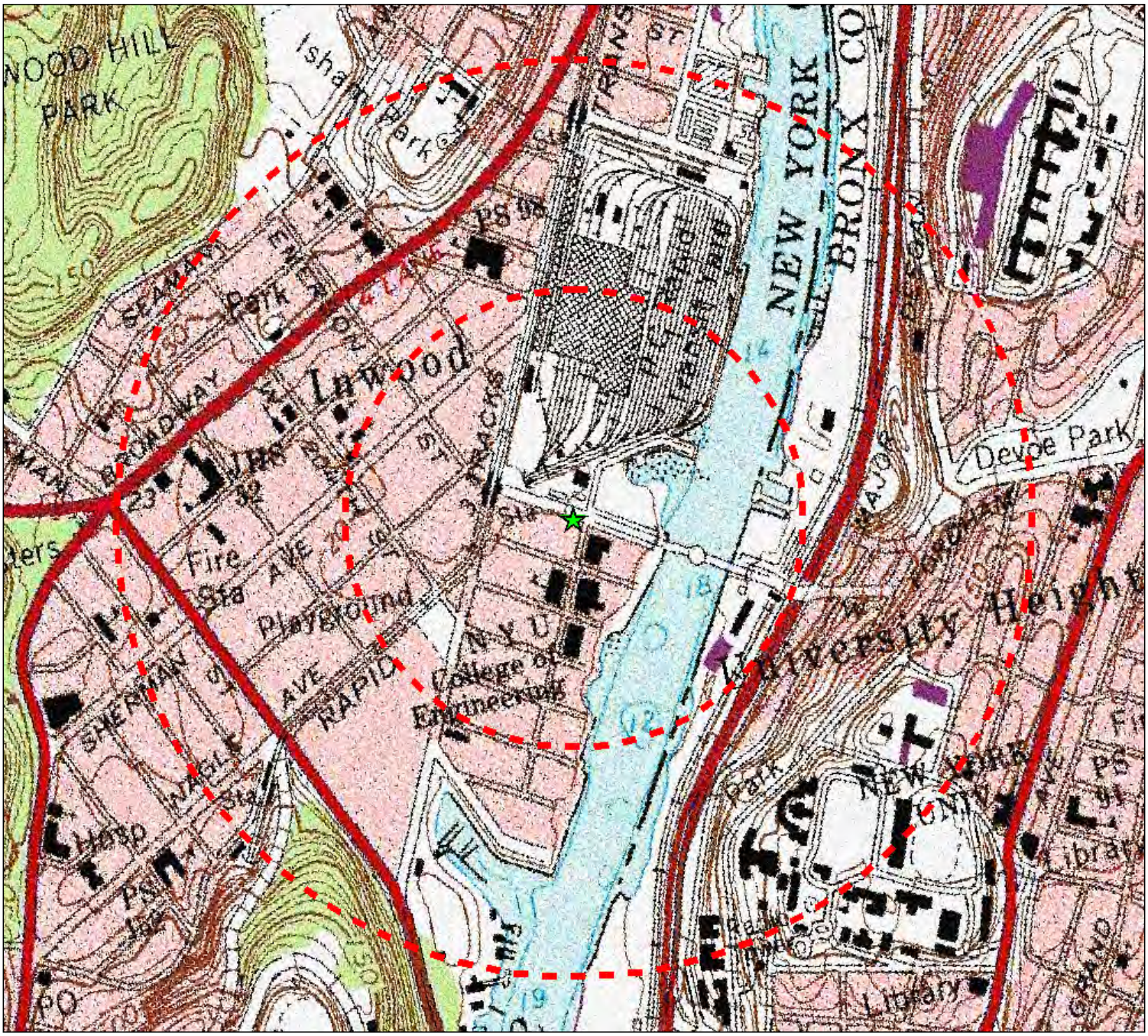
Source: Selected data from ESRI, EBI and NWI

Figure 1 - Site Location Map

Pathmark Supermarket
410 West 207th Street
New York, NY 10034

PN: 11105061

0 500 1000 feet



Legend

★ Project Site Site Buffer at 1/4 and 1/2 mile

USGS 24k Quad: Central Park, NY 1979

Source: Selected data from ESRI, EBI and USGS

Figure 2 - USGS Quad Location Map

Pathmark Supermarket
410 West 207th Street
New York, NY 10034

PN: 11105061

0 500 1000 feet

FIGURE 3 – SITE PLAN

Not to scale

FIGURE 4 – TAX MAP

Not to scale

Flood Insights test results for :

410 W 207TH ST, NEW YORK,NY 10034
Geocoding Accuracy: ***S5 – Matched to Street Address (Best)***

Flood Zone Determinations

Test Description

SFHA (Flood Zone)	Within 250 feet of multiple flood zones?
Out	Yes

The property is located close to multiple zones. Further analysis may be required to determine the exact placement and proper zone. Please Click Here if you would like to order a Manual Flood Determination

Zone	Community	Community Name	Panel	Panel Date	Cobra	Map Number
X	360497	NEW YORK, CITY OF	0081F	September 05, 2007	OUT	3604970081F

FIPS Code	Census Tract
36061	0289.00

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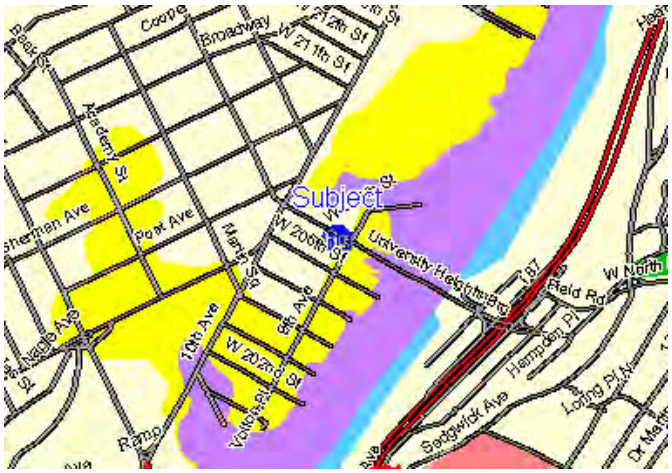

FloodMap Legend

Flood Zones

- Areas inundated by 500-year flooding
- Areas outside of the 100- and 500-year floodplains
- Areas inundated by 100-year flooding
- Areas inundated by 100-year flooding with velocity hazard
- Floodway areas
- Floodway areas with velocity hazard
- Areas of undetermined but possible flood hazards
- Areas not mapped on any published FIRM

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This report was generated by: ebi on 09-26-2010

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APPENDIX C

PRE-SURVEY QUESTIONNAIRE AND OTHER RELEVANT DOCUMENTATION

EBI CONSULTING

Creating Value for Your Business

Please fill out and sign this questionnaire to the best of your knowledge for the Scientist's site visit. Email to Kristine Lind at nequestionnaires@ebiconsulting.com or fax to (781) 425-3620, for our report files, and keep the original to provide to the Scientist.

Subject Property Name: Pathmark Supermarket **EBI Project #:** 11105061

Address: 410 West 207th Street New York NY

Subject Property Owner: **Purchase Date:**

On-Site Property Contact: **Telephone:** 212 569 0600

Fax: **Email:**

[redacted] Neil Fowlers

Your Name and title **Signature** **Date**

Additional plans and documentation (see page 4) must be forwarded to the site for the Scientist during the survey. For questions not applicable please respond "N/A." Attach additional pages if necessary. This questionnaire and your responses will be included as an exhibit in the Environmental report. Accurate and full completion is critical to a timely completion of our reports, and timely loan closing.

LOCAL JURISDICTIONAL INFORMATION

1. What is the property ID #, Lot and Block, or Township/Range ID #?
2. What is the legal Municipality or County that has jurisdiction over the property? NYC

PROPERTY INFORMATION

3. What is the size of the subject property lot or lots, in acres? 2 acres
4. How many buildings comprise the subject property? 1
   a. If the property is a mall or large retail center, please confirm and list ownership of each building.
5. What is the gross and net rentable square footage of the building(s)?
6. What is the date of construction of the building(s)? When was the building(s) first occupied? 1968
7. How many tenant spaces or apartments are at the Subject Property? 1
8. Please list, to the best of your knowledge, any structural, water infiltration, mold, roof, plumbing, HVAC, Fire Alarm or electrical deficiencies or problems. N/A
9. Please list any deficiencies noted during any Building, Fire or Health Department inspections in the last three years. NA
10. Please list the following utility providers:
    Water: NYC
    Sanitary Sewer: NYC
    Trash Hauler: Waste Mng.
    Electricity: Con Edison
    Storm Drainage: NYC
    Natural Gas or Oil: Con Edison
    and, Frequency of Pick-ups: weekly
11. Please attach a brief history of the property. This information helps us properly assess, evaluate and understand your property. The information should include:

ENVIRONMENTAL SITE ASSESSMENT PRE- SURVEY QUESTIONNAIRE

1. Describe the current uses of the property noting tenant names and oil/chemical usage. Supermarket

2. Describe the past uses of the property noting tenant names and oil/chemical usage. Supermarket.

3. (Y) (N) Has a previous environmental site assessment report been prepared for the property? If yes, for what reason? Can EBI have a copy?

4. (Y) (N) Has a subsurface investigation (Phase II) ever been conducted on the property, including soil sampling, groundwater sampling, or installation of groundwater monitoring wells? If yes, for what reason? What were the results? Can EBI have a copy of the report? Are there any groundwater monitoring wells currently located on the property?

5. (Y) (N) Has contamination been identified at the Subject Property? Describe the nature of the contamination (i.e., source, media impacted, location, sampling, cleanup activities, regulatory status, etc.). Can EBI have copies of related documentation?

6. (Y) (N) Has a spill or surficial release occurred at the Subject Property? Describe the nature of the spill/surficial release (i.e., source, location, response/cleanup actions, regulatory status, etc.). Can EBI have copies of related documentation?

7. (Y) (N) Is the Subject Property listed with the USEPA and/or the state environmental regulatory agency as a contaminated site? If yes, please describe. Can EBI have copies of related documentation?

8. (Y) (N) Has there ever been previous sampling for Asbestos, Lead-Based Paint, Lead in Water, or Radon? If yes, please describe. Can EBI have copies of related documentation?

9. (Y) (N) Has there been any Asbestos or Lead-Based Paint abatement or Radon mitigation conducted at the Subject Property? Are there Asbestos and/or Lead-Based Paint Operations and Maintenance Plans for the Subject Property? If yes, please describe. Can EBI have copies of related documentation?

10. (Y) (N) Any known environmental liens, deed restrictions, or use limitations for the Property? If yes, please describe. Can EBI have copies of related documentation?

11. (Y) (N) Any permitted or regulated activities (Hazardous waste generator, air) on the Property? If yes, please describe.

12. (Y) (N) Are there any transformers or other electrical equipment, which may contain PCBs? If yes, please describe. Where are they? Who owns the transformer(s)? Who services them?

13. (Y) (N) Has an industrial or manufacturing operation, gas station, motor repair facility, commercial printing facility, dry cleaners, photo-developing laboratory, junk yard, landfill or waste, treatment, storage, disposal processing or recycling facility ever been located at **or** adjacent to the property? If yes, please describe.

14. (Y) (N) Are there any discarded drums, barrels or containers, construction debris, damaged or discarded automobile or industrial batteries, or pesticides, paints or other chemicals in individual containers or drums of greater than five gallons or fifty gallons in aggregate located on the property? If yes, please describe.

15. (Y) (N) Have there ever been any waste storage or treatment lagoons, pits, ponds, or surface impoundments on the property? If yes, please describe.

16. (Y) (N) Does the property have floor drains not discharging to a sewer? Septic System? If yes, please describe.

17. (Y) (N) Are there currently aboveground or underground storage tanks at the property? If yes, complete table.

Type of Tank	Size	Content	Installation Date	Spill/Leak Detection? Y or N
Above or Underground	gal			
Above or Underground	gal			
Above or Underground	gal			
Above or Underground	gal			

18. Are you aware of any information to indicate that the Subject Property was sold for substantially below its fair market value? If so, please provide an explanation: _____

19. Additional comments and/or pertinent information relevant to this Phase I ESA: _____

Document and Information Checklist

Please provide the following information (as much as possible in electronic format) so the Scientist can proceed with the survey of the property.

A. Plans	B. Municipal Documents	C. Additional Information
▪ ALTA Survey or Site Plan ▪ Reduced scale Site and Building Plans	▪ Certificate of Occupancy ▪ Building Permit ▪ Copy of tax cards ▪ UST/AST Registrations	▪ Tenant Rent Roll ▪ Historical Uses ▪ Previous Due Diligence Reports ▪ Copy of most Recent Appraisal

EBI Access Requirements

At the time of the site visit the Consultant is required to gain access to all areas of the property. This includes:

- All building interiors, including as applicable, common areas, lobbies, a representative sampling of offices, retail spaces, manufacturing or assembly areas, or apartments, community rooms, exercise rooms, pool areas, storage rooms, attics and basements, garages.
- All building perimeters
- All site amenities
- All building roofs, unless pitched asphalt shingles. This may require you to obtain and provide a ladder.
- All mechanical, electric, sprinkler, HVAC, utility, service, elevator, storage and equipment rooms

Property Tax Details

Profile

Name:	PATHMARK STORES INC	**Address:**	2 PARAGON DR MONTVALE, NJ 07645-1718
		BBL:	1-02203-0021/0

Charges Details as of Monday, Oct. 4, 2010 01:30 PM

Description:	Finance-Property Tax	**Charges:**	$	17,908.22
Period Begin:	01/01/2011	**Interest:**	+$	0.00
		Balance:	$	17,908.22

Print

Property Tax Details

Profile

Name:	SAND MERGER CORP. C/O THE GREAT ATL	**Address:**	430 WEST 207 STREET NEW YORK, NY 10034
		BBL:	1-02203-0009/0

Charges Details as of Monday, Oct. 4, 2010 01:28 PM

Description:	Finance-Property Tax	**Charges:**	$	88,355.92
Period Begin:	01/01/2011	**Interest:**	+$	0.00
		Balance:	$	88,355.92

Print

A&P Portfolio: Environmental Report Summary

Property	Phase I Date/ Recommendation	Phase II Date/ Recommendation
Belleville, NJ	NAV	1/18/08 - Report to NJDEP / Remediation / Tests
Clifton, NJ	10/9/07 - Phase II	NAV
Edgewater Pk, NJ	10/10/07 - Phase II	NAV
Lawnside, NJ	10/10/07 - Phase II	NAV
Ozone Park, NY	10/11/07 - Phase II	1/18/08 - Action likely not required; consult counsel
Hempstead, NY	10/4/07 - None	--
Upper Darby, PA	10/5/07 - Further Testing	NAV
Wilmington, DE	10/9/07 - Phase II	NAV
Baldwin, NY	10/4/07 - Gather information	--
Inwood, NY	NAV	NAV
Clinton, NJ	NAV	NAV

Property Existing Pathmark Supermarket
115 Belmont Avenue, Belleville Township, Essex County, NJ

Firm Whitestone Associates, Inc.
Report Type **Phase II**
Report Date 18-Jan-08
Project Number WJ07-10006

	Environmental Conditions
1	Occupied by a battery manufacturing facility from prior to 1903 until 1971. Battery manufacturing operations also were conducted at the property adjacent to the southwest. Operations used/generated petroleum and hazardous materials and wastes. Impacts to subsurface conditions at the site and underground storage tanks (USTs) are anticipated. USTs may remain abandoned on site.
2	Occupied by a dry cleaning facility in 2004. Discharges of chlorinated solvents from the dry cleaning operations may have impacted subsurface conditions.

	Conclusions	Recommendations
1	The GPR survey conducted at the subject site did not detect subsurface anomalies that would be indicative of a UST. Subsurface concrete debris was identified throughout the site, and the remnants of former building foundations were identified in the northern portion of the site.	None
2	Lead, mercury, and nickel were detected in soil at concentrations exceeding NJDEP's most stringent Soil Cleanup Criteria, however, at concentrations less than NJDEP's NRDCSCC.	**The metals exceedences identified in soil samples B-2 and B-7 should be reported to NJDEP.** The impacted material could be excavated for regulated off-site disposal with post-excavation soil sampling conducted to confirm that soil cleanup criteria have been met. These **remediation activities** could be managed through NJDEP's Cleanup Star program in order to obtain an expedited No Further Action determination. Alternatively, this material could remain in place subject to engineering controls (capping) and/or institutional controls (Deed Notice). Such remediation activities could be managed through NJDEP's Voluntary Cleanup Program.
3	Select metals were detected in each groundwater sample at concentrations exceeding NJDEP Groundwater Quality Standards. The metals detections likely are attributable to suspended sediment within the groundwater samples (common when using temporary wellpoints). The compounds detected are typical of historic fill (in this case, as sediment in the groundwater samples) common to developed urban areas such as the subject site.	**Further groundwater investigation** including the installation and sampling of permanent monitor wells and **NJDEP reporting** would be required to confirm this condition and address these exceedences.

Property Existing Pathmark Supermarket
895 Paulison Avenue, Clifton, Passaic County, NJ

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 9-Oct-07
Project Number WP07-9920

	Recognized Environmental Conditions	Opinion
1	Between 1935-1965, the Campbell Morrell & Company Coal Yard operated in the northern and central portion of the Property. Historic site use as a coal yard and the potential for buried fill material may have adversely impacted subsurface conditions at the site. Additionally, railroad tracks and historic rail operations can be a source of PCB and/or semi-volatile organic, and/or other contamination in shallow or near-surface soils.	The REC will impact any future site redevelopment plans. A **Phase II** including soil borings and groundwater sampling and analyses should be completed in the vicinity of the former coal yard and railroad spur. **Recommendations** If soil or groundwater contamination is encountered, NJDEP must be notified, and appropriate investigative and corrective actions and supplemental reporting will be required.

Property Existing Pathmark Supermarket
2110 Route 130, Edgewater Park (Beverly), Burlington County, NJ

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 10-Oct-07
Project Number WP07-9921

	Recognized Environmental Conditions	Opinion
1	Four USTs are registered at the Property, including four 8,000 gallon gasoline USTs located in the southeastern portion of the site associated with the Getty gasoline service station (Facility ID: 001727). Each of these USTs reportedly were installed on 1/1/63. A letter prepared by BCM Engineers, Inc. indicated that 16.38 tons of petroleum contaminated soil that had previously been stockpiled at the site were deposed off-site on 1/23/90. No additional information was available. Accordingly, subsurface conditions in the vicinity of the USTs may have been adversely impacted by site operation as a gasoline service station.	The REC will impact any future site redevelopment plans. A **Phase II** including soil borings and groundwater sampling and analyses should be completed to evaluate subsurface conditions in the Getty gasoline service station. **Recommendations** If soil or groundwater contamination is encountered, NJDEP must be notified, and appropriate investigative and corrective actions and supplemental reporting will be required. In addition, verification should be obtained to document that Getty will remain responsible for any environmental liability associated with the gasoline station portion of the site.

Property Existing Pathmark Supermarket & Shopping Center Site
130 White Horse Pike and Gloucester Pike, Lawnside Borough, Camden County, NJ

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 10-Oct-07
Project Number WP07-9923

	Recognized Environmental Conditions	Opinion
1	The Lawnside LukOil service station located at 100 White Horse Pike in the southeastern portion of the Property is identified on the registered UST database (UST Facility I.D. No. 001728). According to the database report, three 8,000-gallon unleaded gasoline USTs and one 8,000-gallon diesel fuel UST were installed at the site in 1963 and presently are in use. In addition, the LukOil site is identified as an active SHWS site (NJDEP Case No. 88-12-09-1332), and on-site soil and groundwater contamination associated with releases of petroleum products have been documented.	The REC may present a significant threat of future liability, impact premium costs, or impose a significant time delay to the implementation for he proposed site use. A **Phase II** site investigation should be conducted. It should included a geophysical survey to evaluate the site for the presence of additional/previously undocumented USTs, former USTs, former UST removal excavations, and other previously unknown subsurface features. In addition, the SI should include a soil boring installation and sampling program to evaluate current soil and groundwater contaminant conditions at the Property. **Recommendations** In the event USTs or other previously unknown subsurface features are encountered during the Phase II , they should be closed in accordance with state and local guidelines. In addition, NJDEP should be notified and an appropriate subsurface evaluation should be conducted including sampling and laboratory analysis. If contamination is encountered via laboratory analyses during the Phase II, such conditions must be reported to NJDEP by the current site owner or responsible party and additional site investigation, reporting, and potential remediation may be required. Whitestone understands that the NJDEP case currently assigned to the Property is active and that groundwater monitoring and remediation currently is being performed by Getty Properties Corporation (former site owner and responsible party). The responsible party should provide copies of all monitoring results for review and continue monitoring and remediation activities as required by NJDEP to achieve closure. Reliance or verification should be obtained to ensure that the responsible party will continue management of environmental liabilities associated with contaminated soil and groundwater at the Property subsequent to property transfer.

	Business Environmental Risks	Recommendations
1	Former Clean Machine Dry Cleaners site (Facility I.D. No. 37183; Program Interest No. G000039347; CEA Case Track No. 71023) located at 200 White Horse Pike borders the Property to the west. A Classification exception Area (CEA) for tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination above NJDEP in groundwater was established for this property on 2/1/02.	**Ongoing groundwater monitoring and NJDEP reporting activities associated with the CEA are being managed by Pathmark Stores, Inc.,** the current responsible party.

Property Existing Pathmark Supermarket & Retail Stores
92-10 Atlantic Avenue, Ozone Park, Queens County, New York

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 11-Oct-07
Project Number WJ07-9912

	Recognized Environmental Conditions	Opinion
1	The Property was historically occupied by LaLance and Grosjean Manufacturing Co. (a manufacturer of nickel, steel and agate ware) between at least 1901 and early 1950s. The western portion of the site historically was occupied by Hussey Williams Co., Inc. (a machine manufacturing and millworking company) between 1950 and early 1980s. The eastern portion of the site historically was occupied by Electro Products Manufacturing between 1960 and the early 1980s. In addition, a dry cleaning facility historically was located at the Property. These former site operations likely included the on-site storage and use of hazardous materials and/or generation of hazardous wastes. These wastes also may have been stored in ASTs and/or USTs. Historic discharges may have resulted in residual subsurface contamination. In addition, USTs may remain abandoned on site.	The REC may present a significant threat of future liability, impact premium costs, or impose a significant time delay to the implementation of the proposed site use and/or future redevelopment. A **Phase II** including soil and groundwater sampling and analysis and a ground penetration radar (GPR) survey should be conducted to determine if historic site operations have adversely impacted subsurface soil and/or groundwater conditions at the site and to document if USTs remain on site. **Recommendations**

Report Type **Phase II**
Report Date 18-Jan-08
Project Number WJ07-9912

	Environmental Conditions	
1	See above	
	Conclusions	**Recommendations**
1	The GPR survey conducted at the subject site did not detect subsurface anomalies that would be indicative of a UST.	NAP
2	The PCB Aroclor-1260 was detected in soil sample B-7 at a concentration exceeding NYSDEC's most stringent RPSCO, however, this most stringent soil cleanup objective is based on NYSDEC's unrestricted use criteria. The contaminant concentration is below the allowable NYSDEC criteria for commercial properties.	As the site is intended for continued commercial/retail use, **this PCB detection would not warrant further remediation if left in place, however, may require further investigation if reported to NYSDEC.** Since the minor PCB detection does not appear to have resulted from a past or ongoing contaminant discharge or release, and appears to be from a historic fill condition, **reporting to NYSDEC should not be required.** Whitestone recommends discussing the issue of reporting such compliant, low-level contamination with environmental legal counsel.
3	Fill material was encountered throughout the subject site. Laboratory results confirmed select SVO constituents and metals in on-site fill material at concentrations exceeding select NYSDEC criteria.	These contaminants are typical of historic urban fill and **generally would not require corrective action if left in place**. Since the metals and SVO detections do not appear to have resulted from a past or ongoing contaminant discharge or release, and appear to be from a historic fill condition, **reporting to NYSDEC should not be required**. Whitestone recommends discussing the issue of reporting such contamination with environmental legal counsel.
4	Groundwater was not encountered on site to a maximum depth of 32.0 fbgs during Whitestone's Phase II activities. Accordingly, groundwater is not suspected to have been impacted by former site operations and would not be anticipated to be encountered during potential future redevelopment activities.	NAP

Property Existing Pathmark Supermarket
4055 Merrick Road, Seaford, Town of Hempstead, Nassau County, NY

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 4-Oct-07
Project Number WJ07-9918

	Recognized Environmental Conditions	Opinion
1	None	NAP

Property Existing Pathmark Supermarket
421 South 69th Street, Upper Darby, Delaware County, PA

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 5-Oct-07
Project Number WP07-9926

	Recognized Environmental Conditions	Opinion
1	Discussions with an Upper Darby Township representative revealed that the western portion of the Property historically was utilized as a municipal waste landfill by Upper Darby Township in the 1940s.	The REC will impact future redevelopment activities. **Subsurface soil and groundwater sampling and a geophysical survey should be conducted** at the site to identify potential impacts to subsurface conditions resulting from historic operations as a landfill. **Recommendations** If contamination is documented, PADEP must be notified, and additional site characterization, analyses, reporting, and potential remediation will be required.

Property Existing Pathmark Supermarket
3901 Lancaster Pike, Wilmington, New Castle County, DE

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 9-Oct-07
Project Number WP07-9924

	Recognized Environmental Conditions	Opinion
1	The site was occupied by a portion of a greenhouse and gardening facility identified as J. Elmer Betty & Sons between prior to 1942 until the late 1960s or early 1970s. The historic use of pesticides, herbicides, spray oil, and other assorted chemical applicants likely occurred throughout the site. Impacts to surficial and subsurface site soils may have occurred.	The REC may impact any future site redevelopment plans. A **Phase II** including a geophysical survey to identify USTs and the installation of soil borings for the collection of soil and groundwater samples for analyses should be completed to evaluate subsurface conditions. **Recommendations**

Property Existing Pathmark Supermarket
1764 Grand Avenue, Baldwin, Town of Hempstead, Nassau County, NY

Firm Whitestone Associates, Inc.
Report Type **Phase I**
Report Date 4-Oct-07
Project Number WJ07-99214

	Recognized Environmental Conditions	Opinion
1	An unidentified manhole in a concrete pad was observed to the south of the supermarket building. Information regarding the nature of this manhole could not be obtained by Whitestone.	The REC is **not likeley to present a significant threat** of future liability or potential premium cost or time delay to impleemnt the porposed site use or future redevelopment. **Recommendations** **Information** regarding the nature of the unidentified manhole should be obtained from the site owner. In the event this information cannot be obtained, additional investigation should be conducted.

APPENDIX D

PROFESSIONAL QUALIFICATIONS

Kenneth L. Deemer Jr.
Staff Scientist

SUMMARY OF EXPERIENCE

Mr. Deemer is a Staff Scientist. He completed his Bachelor's degree in Environmental Science in 2004.

Mr. Deemer has conducted over 30 Phase I Environmental Site Assessments and over 25 NEPA site screening assessments in accordance with ASTM standards and the National Environmental Policy Act (NEPA).

RELEVANT PROJECT EXPERIENCE

Mr. Deemer has also conducted preliminary field investigations, soil sampling, well sampling, asbestos sampling, asbestos and mold remediation oversight, and has prepared Phase I and NEPA site screening compliance reports for a variety of properties located in West Virginia, Ohio, and Pennsylvania. These properties have included telecommunications, municipal, residential, commercial, agricultural, and retail properties. These assessments have been performed to evaluate potential liabilities, site conditions, and site remediation costs in order to advise prospective buyers, current operators, and owners of telecommunication facilities of potential and existing environmental concerns.

Mr. Deemer worked in the environmental consulting field since the completion of Bachelors Degree. During that period, he conducted asbestos building inspections, provided air monitoring services, and provided project health and safety oversight. Other duties performed included data collection and analysis.

EDUCATION

BS Environmental Science - Allegheny College, Meadville Pennsylvania

TECHNICAL/PROFESSIONAL CERTIFICATIONS

NIOSH 582 for Asbestos Fiber Counting – Duquesne, PA

Pennsylvania Asbestos Building Inspector - Duquesne, PA

OSHA 40hr HAZWOPER Initial - Duquesne, PA

EBI CONSULTING
Creating Value for Your Business

Stephanie W. Trueb
Program Manager
21 B Street
Burlington, MA 01803
Office: 803.412.7823

SUMMARY OF EXPERIENCE

Stephanie W. Trueb, EIT, is a Program Manager with over 14 years of experience specializing in environmental site assessments and property condition assessments. In addition, Ms. Trueb has experience conducting subsurface investigations, including groundwater sampling, conducting file reviews and extensive environmental research, and performing asbestos and lead paint assessments and sampling. Ms. Trueb has over 7 years of experience as an in-house technical consultant for a high-volume corporate client and performing technical reviews of environmental site assessments. Ms Trueb also has over 4 years experience performing technical reviews of property condition screening reports.

Ms. Trueb has conducted over 400 environmental and property condition site-acquisition assessments/due diligence assignments for a wide range of properties throughout the United States to evaluate site and building conditions, potential off-site liabilities, environmental control systems, and site remediation costs. The assessments are provided in order to advise prospective buyers, current operators, and owners of potential and existing property condition and environmental concerns.

RELEVANT PROJECT EXPERIENCE

Manage the technical review and completion of environmental due diligence reports and client management for property owners and financial institutions for portfolios and individual projects throughout the country. Property types included industrial, retail, multifamily apartment, office buildings and large-scale commercial developments.

Program Manager and in-house technical consultant, 1998-2004, for high-volume client. Managed client account by coordinating all communication, tracking status of client projects, and providing technical consulting services.

EDUCATION

Bachelor of Civil Engineering, Auburn University, 1996

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

American Society of Civil Engineers
AHERA Building Inspector, certified 1996

SUMMARY OF EXPERIENCE

Mr. MacAulay has several years experience in naval nuclear power plant operations, including health and safety programs, and environmental site assessment experience. Experience includes management of routine power plant operations to completion of extensive engines room and reactor plant overhauls under stringent health and safety procedures. He successfully supervised over 20 personnel in daily preventative maintenance of mechanical, electrical and electronic systems as well as casualty repairs. Successfully managed over 150 maintenance intensive projects from origin to completion.

At EBI, Mr. MacAulay specializes in servicing and managing existing accounts in Real Estate/Financial Services Program.

RELEVANT PROJECT EXPERIENCE

Power Plant Operation: In a heavy industrial environment trained personnel on all safety requirements and propulsion plant procedures and ensured compliance. Evaluated daily cleanliness, mechanical condition and current maintenance activities of a nuclear power plant. Directed the daily chemical controls of the most complex naval nuclear power plant. Controlled the discharge and containment of radioactive liquid and handling of radioactive materials.

EDUCATION

B.A. Physics, College of the Holy Cross
Graduate of Naval Officer Candidate School
Graduate of Naval Nuclear Power School
Graduate of Naval Nuclear Prototype
Graduate of the Army Chemical, Biological, and Radiological School

PROFESSIONAL AFFILIATIONS

Member of the Retired Officers Association
Member of Veterans Affairs Organization
Member of the Mortgage Bankers Association

APPENDIX E

REGULATORY DATABASE REPORT

Pathmark Supermarket
410 W 207th St
New York, NY 10034

Inquiry Number: 02874993.2r
September 21, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

410 W 207TH ST
NEW YORK, NY 10034

COORDINATES

Latitude (North):	40.863900 - 40˚ 51' 50.0''
Longitude (West):	73.917500 - 73˚ 55' 3.0''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	591230.2
UTM Y (Meters):	4524001.0
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-G8 CENTRAL PARK, NY
Most Recent Revision:	1995
North Map:	40073-H8 YONKERS, NJ
Most Recent Revision:	1998

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2006, 2008
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

EXECUTIVE SUMMARY

NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

State- and tribal - equivalent CERCLIS

SHWS ..... Inactive Hazardous Waste Disposal Sites in New York State
VAPOR REOPENED ..... Vapor Intrustion Legacy Site List

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

SWF/LF ..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Registry of Engineering Controls

EXECUTIVE SUMMARY

INST CONTROL ..... Registry of Institutional Controls
RES DECL ..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Agreements
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP ..... Environmental Restoration Program Listing
BROWNFIELDS ..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted Registry Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File

EXECUTIVE SUMMARY

TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
E DESIGNATION	E DESIGNATION SITE LISTING
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH	Coal Ash Disposal Site Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners	EDR Proprietary Historic Dry Cleaners

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 03/31/2010 has revealed that there is 1 NPL site within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	*NO STREET APPLICABLE*	*WNW 1/2 - 1 (0.808 mi.)*	*0*	*7*

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 02/17/2010 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCT-207TH STREET YARD	*3961 10TH AVENUE*	*N 1/8 - 1/4 (0.234 mi.)*	*Q125*	*443*

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 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESCARTES DRY CLEANERS	*527 W 207TH ST*	*NW 1/8 - 1/4 (0.142 mi.)*	*J51*	*229*

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 02/17/2010 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B P PRODUCTS NORTH AMERICA INC	*3936 10TH AVE*	*N 1/8 - 1/4 (0.193 mi.)*	*Q89*	*352*

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCTA - 9TH AVE UNIT SHOP	*3884 NINTH AVENUE*	*E 0 - 1/8 (0.029 mi.)*	*A12*	*56*

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	W 205 ST & 9 AVE	SSW 0 - 1/8 (0.107 mi.)	B34	121

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 07/09/2010 has revealed that there is 1 ERNS site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST 205 ST. & 9TH AVE.	WEST 205 ST. & 9TH AVE.	SSW 0 - 1/8 (0.107 mi.)	B33	121

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 05/24/2010 has revealed that there are 60 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3852-6 10TH AVE/RAMIERO Date Closed: 12/31/1991	***3852-6 10TH AVE***	***W 0 - 1/8 (0.104 mi.)***	***F22***	***94***
BUSINESS Date Closed: 3/15/2006	513 WEST 207TH STREET	WNW 0 - 1/8 (0.118 mi.)	D40	139
COMMERCIAL BLDG Date Closed: 8/16/2006	513 W. 207TH ST.	WNW 0 - 1/8 (0.118 mi.)	D42	144
101-109 POST AVE/MANHATTA Date Closed: 2/23/1989	***101-109 POST AVENUE***	***W 1/8 - 1/4 (0.196 mi.)***	***R93***	***369***
204 SHERMAN AVE Date Closed: 11/2/1992	***204 SHERMAN AVE***	***WNW 1/8 - 1/4 (0.210 mi.)***	***P106***	***394***
DERMOT COMPANY Date Closed: 12/16/2008	87 POST AVE	W 1/8 - 1/4 (0.222 mi.)	R118	428
NYC TRANSIT	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.238 mi.)***	***Q130***	***493***
3961 TENTH AVE Date Closed: 11/20/2003	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.239 mi.)***	***U131***	***496***
3961 TENTH AVE/SHELL SERV Date Closed: 6/27/1995	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.239 mi.)***	***U132***	***499***
65 POST AVENUE Date Closed: 12/16/1994	***65 POST AVENUE***	***W 1/4 - 1/2 (0.266 mi.)***	***W142***	***548***
4960 BROADWAY Date Closed: 10/14/2004	***4960 BROADWAY***	***NNW 1/4 - 1/2 (0.318 mi.)***	***146***	***565***
85-87 VERMILIA ST/MANH Date Closed: 12/11/1990	***85-87 VERMILIA STREET***	***WNW 1/4 - 1/2 (0.320 mi.)***	***Y147***	***568***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
85-87 VERMILYEA AVE Date Closed: 6/11/1993	***85-87 VERMILYEA AVE***	***WNW 1/4 - 1/2 (0.321 mi.)***	***Y148***	***570***
GASETERIA Date Closed: 7/26/2007	296 WEST FORDHAM ROAD	ESE 1/4 - 1/2 (0.334 mi.)	Z149	573
MOBIL S/S Date Closed: 2/9/1998	***296 WEST FORDHAM ROAD.***	***ESE 1/4 - 1/2 (0.334 mi.)***	***Z150***	***576***
MOBIL S/S Date Closed: 12/5/2003	***296 WEST FORDHAM ROAD***	***ESE 1/4 - 1/2 (0.334 mi.)***	***Z151***	***578***
BROADWAY Date Closed: 11/12/2003	***207 TH ST***	***NW 1/4 - 1/2 (0.337 mi.)***	***AA152***	***581***
THE DERMOT COMPANY Date Closed: 2/13/2009	623-631 WEST 207TH ST	NW 1/4 - 1/2 (0.363 mi.)	AA154	589
GETTY - MAN Date Closed: 7/29/1994	***4880 BROADWAY***	***NW 1/4 - 1/2 (0.364 mi.)***	***AB155***	***591***
4880 BROADWAY/MANH/GETTY Date Closed: 7/16/1992	***4880 BROADWAY***	***NW 1/4 - 1/2 (0.364 mi.)***	***AB156***	***593***
2269 HAMPDEN PLACE Date Closed: 4/4/2003	2269 HAMPDEN PLACE	ESE 1/4 - 1/2 (0.380 mi.)	Z158	596
GOOD SHEPARD SCHOOL Date Closed: 7/31/1997	***608 ISHAM ST***	***NNW 1/4 - 1/2 (0.381 mi.)***	***AD159***	***598***
608 ISHAM STREET Date Closed: 11/9/2004	608 ISHAM STREET	NNW 1/4 - 1/2 (0.381 mi.)	AD160	600
608 ISHAM STREET Date Closed: 12/22/2004	608 ISHAM STREET	NNW 1/4 - 1/2 (0.381 mi.)	AD161	602
4848 BROADWAY Date Closed: 1/15/2009	***4848 BROADWAY***	***WNW 1/4 - 1/2 (0.386 mi.)***	***AB162***	***603***
RESIDENTIAL APT COMPLEX Date Closed: 4/26/2004	***4861 BROADWAY***	***WNW 1/4 - 1/2 (0.387 mi.)***	***AB163***	***608***
620 ISHAM STREET Date Closed: 9/29/1992	***620 ISHAM STREET***	***NNW 1/4 - 1/2 (0.390 mi.)***	***AD164***	***611***
677 WEST 204 Date Closed: 1/2/1998	***677 WEST 204***	***NW 1/4 - 1/2 (0.399 mi.)***	***AB166***	***616***
GASETERIA Date Closed: 12/8/2005	205 WEST FORDHAM ROAD	ESE 1/4 - 1/2 (0.413 mi.)	AC168	628
BRONX COMMUNITY COLLEGE Date Closed: 9/1/2009	WEST 181ST / UNIVERSI	SE 1/4 - 1/2 (0.427 mi.)	173	644
FAILED VACUM TEST	***4036 9TH AVE***	***NNE 1/4 - 1/2 (0.444 mi.)***	***175***	***648***
THE DERMOT COMPANY	121 SEAMAN AVE	NW 1/4 - 1/2 (0.450 mi.)	176	651
2445 SEDGWICK AVE Date Closed: 2/27/2003	***2445 SEDGWICK AVE***	***E 1/4 - 1/2 (0.456 mi.)***	***177***	***652***
65 PARK TERRACE WEST	65-67 PARK TERRACE EAST	N 1/4 - 1/2 (0.462 mi.)	AG178	655
X Date Closed: 12/29/2005	45 PARK TERRACE WEST	N 1/4 - 1/2 (0.465 mi.)	AH179	657
NORTH EASTERN ACADEMY - TTF Date Closed: 7/17/2009	532 WEST 215TH ST	N 1/4 - 1/2 (0.467 mi.)	AH180	658
5080 BROADWAY OPERATING CORP Date Closed: 2/12/2003	***5080 BROADWAY***	***NNE 1/4 - 1/2 (0.467 mi.)***	***AI181***	***659***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KINGS BRIDGE BUS DEPO Date Closed: 1/30/2004	***4056 10TH AVE***	***NNE 1/4 - 1/2 (0.468 mi.)***	***AI182***	***677***
70 PARK TERR EAST Date Closed: 2/4/2004	***70 PARK TERR EAST***	***N 1/4 - 1/2 (0.490 mi.)***	***AG183***	***683***
FORHDHAM HILL Date Closed: 5/18/2007	1 FORDHAM HILL OVAL	E 1/4 - 1/2 (0.493 mi.)	184	686
INSIGNEA Date Closed: 6/16/2003	75-77 PARK TERRACE EAST	N 1/4 - 1/2 (0.494 mi.)	AG185	687
Not reported Date Closed: 5/27/2003	***75 PARK TERRACE EAST***	***N 1/4 - 1/2 (0.494 mi.)***	***AG186***	***689***
ECR REALTY Date Closed: 5/6/2005	***2326 LORING PLACE***	***ESE 1/4 - 1/2 (0.497 mi.)***	***187***	***691***
Not reported Date Closed: 7/19/2002	***68-76 THAYER ST***	***W 1/4 - 1/2 (0.498 mi.)***	***188***	***694***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT SERVICE STATION Date Closed: 6/30/2004	***401 WEST 207TH STREET***	***ESE 0 - 1/8 (0.028 mi.)***	***A6***	***37***
333 EAST 206TH ST./ST. BR Date Closed: 7/26/1993	***333 EAST 206TH ST.***	***SSE 0 - 1/8 (0.095 mi.)***	***B18***	***83***
HARLEM RIVER FACILITY Date Closed: 12/18/2007	***300 206 STREET***	***SSE 0 - 1/8 (0.115 mi.)***	***G38***	***131***
DYCKMAN Date Closed: 3/24/2004 Date Closed: 4/25/1995 **Additional key fields are available in the Map Findings section*	***3798 TENTH AVENUE***	***WSW 1/8 - 1/4 (0.171 mi.)***	***L66***	***279***
518 WEST 204TH ST	518 WEST 204TH	WSW 1/8 - 1/4 (0.174 mi.)	L72	297
DYCKMAN HOUSES Date Closed: 11/17/1994	***3790 10TH AVENUE***	***SW 1/8 - 1/4 (0.200 mi.)***	***O97***	***377***
296 WEST FORDHAM ROAD./ B Date Closed: 1/1/1991	***MOBIL OIL***	***ESE 1/8 - 1/4 (0.225 mi.)***	***119***	***429***
DYCKMAN Date Closed: 7/7/1993 Date Closed: 3/27/1991	***215 NAGLE AVENUE***	***WSW 1/4 - 1/2 (0.298 mi.)***	***X144***	***557***
DYCKMAN HOUSES Date Closed: 3/24/2004	***215 NAGLE AVENUE***	***WSW 1/4 - 1/2 (0.309 mi.)***	***X145***	***562***
IN STREET Date Closed: 1/29/1997	***182 NAGLE AVE***	***WSW 1/4 - 1/2 (0.397 mi.)***	***AE165***	***613***
BRONX WEST 08 DOS -DDC Date Closed: 5/13/2009	***423 WEST 215TH STREET***	***NE 1/4 - 1/2 (0.412 mi.)***	***AF167***	***622***
33 VERMILYEA AVE/MANH Date Closed: 2/21/1995 Date Closed: 3/1/2005	***33 VERMILYEA AVENUE***	***W 1/4 - 1/2 (0.413 mi.)***	***169***	***630***
DEPT OF SANITATION Date Closed: 1/6/2005	***301 W 215H ST***	***NE 1/4 - 1/2 (0.416 mi.)***	***AF170***	***637***
DOS MANHATTAN W.12 GARAGE Date Closed: 10/26/1998	***301 WEST 215TH ST.***	***NE 1/4 - 1/2 (0.416 mi.)***	***AF171***	***640***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANITATION GARGE Date Closed: 8/21/2008	301 WEST 215TH STREET	NE 1/4 - 1/2 (0.417 mi.)	AF172	643
189-02 HILLSIDE AV/EXXON Date Closed: 8/11/1993	***189-02 HILLSIDE AVENUE***	***WSW 1/4 - 1/2 (0.434 mi.)***	***AE174***	***645***

HIST LTANKS: 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.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 42 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3852-6 10TH AVE/RAMIERO Date Closed: 12/31/91	***3852-6 10TH AVE***	***W 0 - 1/8 (0.104 mi.)***	***F22***	***94***
101-109 POST AVE/MANHATTA Date Closed: 02/23/89	***101-109 POST AVENUE***	***W 1/8 - 1/4 (0.196 mi.)***	***R93***	***369***
204 SHERMAN AVE Date Closed: 11/02/92	***204 SHERMAN AVE***	***WNW 1/8 - 1/4 (0.210 mi.)***	***P106***	***394***
NYC TRANSIT Date Closed: / /	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.238 mi.)***	***Q130***	***493***
3961 TENTH AVE Date Closed: / /	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.239 mi.)***	***U131***	***496***
3961 TENTH AVE/SHELL SERV Date Closed: 06/27/95	***3961 TENTH AVE***	***N 1/8 - 1/4 (0.239 mi.)***	***U132***	***499***
65 POST AVENUE Date Closed: 12/16/94	***65 POST AVENUE***	***W 1/4 - 1/2 (0.266 mi.)***	***W142***	***548***
4960 BROADWAY Date Closed: / /	***4960 BROADWAY***	***NNW 1/4 - 1/2 (0.318 mi.)***	***146***	***565***
85-87 VERMILIA ST/MANH Date Closed: 12/11/90	***85-87 VERMILIA STREET***	***WNW 1/4 - 1/2 (0.320 mi.)***	***Y147***	***568***
85-87 VERMILYEA AVE Date Closed: 06/11/93	***85-87 VERMILYEA AVE***	***WNW 1/4 - 1/2 (0.321 mi.)***	***Y148***	***570***
MOBIL S/S Date Closed: 02/09/98	***296 WEST FORDHAM ROAD.***	***ESE 1/4 - 1/2 (0.334 mi.)***	***Z150***	***576***
MOBIL S/S Date Closed: / /	***296 WEST FORDHAM ROAD***	***ESE 1/4 - 1/2 (0.334 mi.)***	***Z151***	***578***
BROADWAY Date Closed: / /	***207 TH ST***	***NW 1/4 - 1/2 (0.337 mi.)***	***AA152***	***581***
GETTY PETROLEUM CORP Date Closed: / /	***4880 BROADWAY & 204TH S***	***NW 1/4 - 1/2 (0.362 mi.)***	***AB153***	***584***
GETTY - MAN Date Closed: 07/29/94	***4880 BROADWAY***	***NW 1/4 - 1/2 (0.364 mi.)***	***AB155***	***591***
4880 BROADWAY/MANH/GETTY Date Closed: 07/16/92	***4880 BROADWAY***	***NW 1/4 - 1/2 (0.364 mi.)***	***AB156***	***593***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOOD SHEPARD SCHOOL Date Closed: 07/31/97	***608 ISHAM ST***	***NNW 1/4 - 1/2 (0.381 mi.)***	***AD159***	***598***
RESIDENTIAL APT COMPLEX Date Closed: / /	***4861 BROADWAY***	***WNW 1/4 - 1/2 (0.387 mi.)***	***AB163***	***608***
620 ISHAM STREET Date Closed: 09/29/92	***620 ISHAM STREET***	***NNW 1/4 - 1/2 (0.390 mi.)***	***AD164***	***611***
677 WEST 204 Date Closed: 01/02/98	***677 WEST 204***	***NW 1/4 - 1/2 (0.399 mi.)***	***AB166***	***616***
FAILED VACUM TEST Date Closed: / /	***4036 9TH AVE***	***NNE 1/4 - 1/2 (0.444 mi.)***	***175***	***648***
2445 SEDGWICK AVE Date Closed: / /	***2445 SEDGWICK AVE***	***E 1/4 - 1/2 (0.456 mi.)***	***177***	***652***
5080 BROADWAY OPERATING CORP Date Closed: / /	***5080 BROADWAY***	***NNE 1/4 - 1/2 (0.467 mi.)***	***AI181***	***659***
KINGS BRIDGE BUS DEPO Date Closed: / /	***4056 10TH AVE***	***NNE 1/4 - 1/2 (0.468 mi.)***	***AI182***	***677***
70 PARK TERR EAST Date Closed: / /	***70 PARK TERR EAST***	***N 1/4 - 1/2 (0.490 mi.)***	***AG183***	***683***
Not reported Date Closed: / /	***75 PARK TERRACE EAST***	***N 1/4 - 1/2 (0.494 mi.)***	***AG186***	***689***
ECR REALTY Date Closed: / /	***2326 LORING PLACE***	***ESE 1/4 - 1/2 (0.497 mi.)***	***187***	***691***
Not reported Date Closed: / /	***68-76 THAYER ST***	***W 1/4 - 1/2 (0.498 mi.)***	***188***	***694***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT SERVICE STATION Date Closed: / /	***401 WEST 207TH STREET***	***ESE 0 - 1/8 (0.028 mi.)***	***A6***	***37***
333 EAST 206TH ST./ST. BR Date Closed: 07/26/93	***333 EAST 206TH ST.***	***SSE 0 - 1/8 (0.095 mi.)***	***B18***	***83***
HARLEM RIVER FACILITY Date Closed: / /	***300 206 STREET***	***SSE 0 - 1/8 (0.115 mi.)***	***G38***	***131***
DYCKMAN Date Closed: 04/25/95 Date Closed: 04/25/95 **Additional key fields are available in the Map Findings section*	***3798 TENTH AVENUE***	***WSW 1/8 - 1/4 (0.171 mi.)***	***L66***	***279***
DYCKMAN HOUSES Date Closed: 11/17/94	***3790 10TH AVENUE***	***SW 1/8 - 1/4 (0.200 mi.)***	***O97***	***377***
296 WEST FORDHAM ROAD./ B Date Closed: 01/01/91	***MOBIL OIL***	***ESE 1/8 - 1/4 (0.225 mi.)***	***119***	***429***
204TH STREET AND ACADEMY Date Closed: / /	***204TH ST / ACADEMY ST***	***SSW 1/4 - 1/2 (0.285 mi.)***	***143***	***554***
DYCKMAN Date Closed: 03/27/91 Date Closed: 07/07/93	***215 NAGLE AVENUE***	***WSW 1/4 - 1/2 (0.298 mi.)***	***X144***	***557***
DYCKMAN HOUSES Date Closed: / /	***215 NAGLE AVENUE***	***WSW 1/4 - 1/2 (0.309 mi.)***	***X145***	***562***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
IN STREET Date Closed: 01/29/97	***182 NAGLE AVE***	***WSW 1/4 - 1/2 (0.397 mi.)***	***AE165***	***613***
33 VERMILYEA AVE/MANH Date Closed: 02/21/95	***33 VERMILYEA AVENUE***	***W 1/4 - 1/2 (0.413 mi.)***	***169***	***630***
DEPT OF SANITATION Date Closed: / /	***301 W 215H ST***	***NE 1/4 - 1/2 (0.416 mi.)***	***AF170***	***637***
DOS MANHATTAN W.12 GARAGE Date Closed: 10/26/98	***301 WEST 215TH ST.***	***NE 1/4 - 1/2 (0.416 mi.)***	***AF171***	***640***
189-02 HILLSIDE AV/EXXON Date Closed: 08/11/93	***189-02 HILLSIDE AVENUE***	***WSW 1/4 - 1/2 (0.434 mi.)***	***AE174***	***645***

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 06/17/2010 has revealed that there are 13 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUDUBON PARTNERSHIP	***513 WEST 207TH STREET***	***WNW 0 - 1/8 (0.118 mi.)***	***D41***	***141***
SHERMAN 232, LLC	232 SHERMAN AVE	NW 1/8 - 1/4 (0.185 mi.)	J84	331
SHERMAN PETROLEUM, LLC	***3936 10TH AVENUE***	***N 1/8 - 1/4 (0.193 mi.)***	***Q88***	***344***
541 ISHAM STREET	541 ISHAM STREET	NNW 1/8 - 1/4 (0.206 mi.)	M104	390
PS/IS 263M	202 SHERMAN AVENUE	WNW 1/8 - 1/4 (0.213 mi.)	P109	404
NYCTA 207TH STREET OVERHAUL SH	3961 TENTH AVENUE	N 1/8 - 1/4 (0.234 mi.)	Q128	488

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHATTAN BIBLE CHURCH INC	401 W 205TH ST	SSW 0 - 1/8 (0.106 mi.)	B27	108
HARLEM RIVER BRIDGES	***300 WEST 206TH STREET***	***SSE 0 - 1/8 (0.113 mi.)***	***G36***	***123***
MERIT OIL CORP	***401 W 207TH ST & 9TH AV***	***NE 1/8 - 1/4 (0.128 mi.)***	***47***	***153***
CHURCH OF ST. JUDE	431 WEST 204TH STREET	SSW 1/8 - 1/4 (0.152 mi.)	E57	251
BP TRIANGLE	***265 NAGLE AVENUE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L65***	***271***
DYCKMAN HOUSES	***3798 10TH AVENUE***	***WSW 1/8 - 1/4 (0.186 mi.)***	***O85***	***333***
NAGLE HOUSE INC	***240 NAGLE AVE***	***WSW 1/8 - 1/4 (0.230 mi.)***	***121***	***434***

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

A review of the AST list, as provided by EDR, and dated 06/17/2010 has revealed that there are 54 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3852-3856 10TH AVENUE	3856 10TH AVE	W 0 - 1/8 (0.095 mi.)	D19	86
207 SHERMAN ASSOCIATE, LLC	130 POST AVENUE	WNW 1/8 - 1/4 (0.132 mi.)	D49	223
APARTMENT HOUSE	***125 POST AVE***	***WNW 1/8 - 1/4 (0.141 mi.)***	***I50***	***226***
H R S EQUITES	***512 ISHAM ST***	***NNW 1/8 - 1/4 (0.149 mi.)***	***H54***	***243***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALGA REAL ESTATE CORP	***121 POST AVE***	***WNW 1/8 - 1/4 (0.150 mi.)***	***I55***	***247***
118-128 POST AVENUE	***118-128 POST AVE***	***WNW 1/8 - 1/4 (0.155 mi.)***	***I62***	***262***
115-117-119 POST AVENUE	115-117-119 POST AVENUE	WNW 1/8 - 1/4 (0.163 mi.)	I64	269
110 POST LLC	110 POST AVENUE	W 1/8 - 1/4 (0.172 mi.)	I70	294
CATELLO STRIANO	250-252 SHERMAN AVENUE	NNW 1/8 - 1/4 (0.176 mi.)	M74	302
248 SHERMAN AVE	***248 SHERMAN AVE***	***NNW 1/8 - 1/4 (0.177 mi.)***	***M76***	***306***
241-51 SHERMAN AVE	***241-51 SHERMAN AVE***	***NW 1/8 - 1/4 (0.177 mi.)***	***M77***	***310***
521 ISHAM ST	***521 ISHAM ST***	***NNW 1/8 - 1/4 (0.178 mi.)***	***M78***	***313***
272 SHERMAN AVENUE	***272 SHERMAN AVENUE***	***NNW 1/8 - 1/4 (0.180 mi.)***	***N79***	***316***
276 SHERMAN AVENUE	***276 SHERMAN AVENUE***	***N 1/8 - 1/4 (0.182 mi.)***	***N81***	***323***
231 SHERMAN AVE	***231 SHERMAN AVE***	***NW 1/8 - 1/4 (0.184 mi.)***	***J82***	***327***
530 ISHAM STREET PARTNERS	***530 ISHAM STREET***	***NNW 1/8 - 1/4 (0.187 mi.)***	***M86***	***339***
207 SHERMAN ASSOC. LLC	221 SHERMAN AVENUE	NW 1/8 - 1/4 (0.193 mi.)	P87	342
POST AVENUE ASSOCIATES	***101-109 POST AVENUE***	***W 1/8 - 1/4 (0.194 mi.)***	***R90***	***361***
ALDUS ST CORP	***100 POST AVENUE***	***W 1/8 - 1/4 (0.195 mi.)***	***R91***	***364***
100 POST AVE	100 POST AVE	W 1/8 - 1/4 (0.195 mi.)	R92	367
570 WEST 204, LLC	570 WEST 204TH STREET	W 1/8 - 1/4 (0.199 mi.)	R95	373
536 REALTY CO. LLC	536 ISHAM STREET	NNW 1/8 - 1/4 (0.200 mi.)	M98	380
536-44 ISHAM ST	536-44 ISHAM ST	NNW 1/8 - 1/4 (0.200 mi.)	M100	383
THE CAROLINE APARTMENTS	210 SHERMAN AVE.	NW 1/8 - 1/4 (0.203 mi.)	P102	387
204 SHERMAN AVE	***204 SHERMAN AVE***	***WNW 1/8 - 1/4 (0.210 mi.)***	***P106***	***394***
204 SHERMAN AVENUE	204 SHERMAN AVENUE	WNW 1/8 - 1/4 (0.210 mi.)	P107	399
HN BALDWIN ISHAM LLC	549 ISHAM STREET	NNW 1/8 - 1/4 (0.217 mi.)	N111	410
207 SHERMAN ASSOC., LLC.	201-211 SHERMAN AVENUE	WNW 1/8 - 1/4 (0.218 mi.)	P115	419
FREEWAY COMPANY, LLC	***546 ISHAM STREET***	***NNW 1/8 - 1/4 (0.222 mi.)***	***N116***	***421***
87 POST AVENUE CORP.	***87 POST AVENUE***	***W 1/8 - 1/4 (0.222 mi.)***	***R117***	***424***
204 REALTY HOLDINGS LLC	590 W. 204TH ST.	WNW 1/8 - 1/4 (0.229 mi.)	T120	432
NUE83 POST AVE	83 POST AVENUE	W 1/8 - 1/4 (0.230 mi.)	R122	437
514 W. 211TH ST	514 WEST 211TH STREET	N 1/8 - 1/4 (0.232 mi.)	Q123	439
NYCTA 207TH STREET OVERHAUL SH	3961 TENTH AVENUE	N 1/8 - 1/4 (0.234 mi.)	Q126	468
79 POST AVENUE	79 POST AVENUE	W 1/8 - 1/4 (0.238 mi.)	R129	491
207 SHERMAN ASSOC., LLC.	189-199 SHERMAN AVENUE	WNW 1/8 - 1/4 (0.242 mi.)	T133	501
526 WEST 211ST STREET	***526 WEST 211ST STREET***	***N 1/8 - 1/4 (0.246 mi.)***	***136***	***518***
75 PORT AVE	***75 POST AVENUE***	***W 1/8 - 1/4 (0.246 mi.)***	***W137***	***522***
SHERMAN HOLDING CORP.	***600 W 204TH ST***	***WNW 1/8 - 1/4 (0.246 mi.)***	***T138***	***525***
W.D. AUTO REPAIRS INC.	3966 10TH AVENUE	N 1/8 - 1/4 (0.248 mi.)	U140	543
155 REALTY CORP	***153 VERMILYEA AVE***	***NNW 1/8 - 1/4 (0.250 mi.)***	***V141***	***545***

Lower Elevation	Address	Direction / Distance	Map ID	Page
9TH AVENUE SHOP	3884 NINTH AVENUE	E 0 - 1/8 (0.029 mi.)	A11	53
420 WEST 206TH ST OWNERS CORP	420 WEST 206TH STREET	WSW 0 - 1/8 (0.065 mi.)	C14	73
425 WEST 205TH ST CORP	***425 WEST 205TH ST***	***SSW 0 - 1/8 (0.103 mi.)***	***E21***	***91***
407 WEST 205TH STREET	***407 WEST 205TH STREET***	***SSW 0 - 1/8 (0.105 mi.)***	***B23***	***97***
WEST 205TH STREET REALTY CO. L	***410-430 W 205 ST***	***SSW 0 - 1/8 (0.105 mi.)***	***E24***	***100***
403 WEST 205TH ST	***403 WEST 205TH ST***	***SSW 0 - 1/8 (0.106 mi.)***	***B25***	***103***
274-278 NAGLE AVENUE HDFC	274 NAGLE AVENUE	WSW 1/8 - 1/4 (0.143 mi.)	F53	241
428 W 204TH STREET	428 W 204TH ST	SSW 1/8 - 1/4 (0.154 mi.)	K59	255
432 WEST 204TH STREET	432 W 204TH ST	SSW 1/8 - 1/4 (0.154 mi.)	K60	257
436 W 204TH STREET	***436 W 204TH STREET***	***SW 1/8 - 1/4 (0.155 mi.)***	***K61***	***259***
266-272 NAGLE AVENUE	***266-272 NAGLE AVENUE***	***WSW 1/8 - 1/4 (0.158 mi.)***	***L63***	***266***
518 WEST 204TH STREET	***518 WEST 204TH STREET***	***WSW 1/8 - 1/4 (0.174 mi.)***	***L73***	***299***
541-551 WEST 204TH STREET	***541-551 WEST 204TH STRE***	***W 1/8 - 1/4 (0.180 mi.)***	***L80***	***320***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUDUBON PARTNERSHIP	***513 WEST 207TH STREET***	***WNW 0 - 1/8 (0.118 mi.)***	***D41***	***141***
MULTIPLE DWELLING	232 SHERMAN AVE	NW 1/8 - 1/4 (0.185 mi.)	J83	330
SHERMAN PETROLEUM, LLC	***3936 10TH AVENUE***	***N 1/8 - 1/4 (0.193 mi.)***	***Q88***	***344***
ISHAM REALTY CO. LLC	536 ISHAM STREET	NNW 1/8 - 1/4 (0.200 mi.)	M99	382
541 ISHAM STREET	541 ISHAM STREET	NNW 1/8 - 1/4 (0.206 mi.)	M105	392
ST MATTHEW LUTHERAN CHURCH	***202/200 SHERMAN AVENUE***	***WNW 1/8 - 1/4 (0.212 mi.)***	***P108***	***402***
INWOOD EQUITY ASSOCIATES	514 WEST 211TH STREET	N 1/8 - 1/4 (0.232 mi.)	Q124	441

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHATTAN BIBLE CHURCH INC	401 W 205TH ST	SSW 0 - 1/8 (0.106 mi.)	B26	107
HARLEM RIVER BRIDGES	***300 WEST 206TH STREET***	***SSE 0 - 1/8 (0.113 mi.)***	***G36***	***123***
MERIT OIL CORP	***401 W 207TH ST & 9TH AV***	***NE 1/8 - 1/4 (0.128 mi.)***	***47***	***153***
CHURCH OF ST JUDES	431 WEST 204TH ST	SSW 1/8 - 1/4 (0.152 mi.)	E56	250
BP TRIANGLE	***265 NAGLE AVENUE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L65***	***271***
DYCKMAN HOUSES	***3798 10TH AVENUE***	***WSW 1/8 - 1/4 (0.186 mi.)***	***O85***	***333***
NAGLE HOUSE INC	***240 NAGLE AVE***	***WSW 1/8 - 1/4 (0.230 mi.)***	***121***	***434***

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 05/24/2010 has revealed that there are 24 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
10TH AVE & 207TH STREET Date Closed: 12/20/2004	***10TH AVE / 207TH STREET***	***WNW 0 - 1/8 (0.087 mi.)***	***D16***	***78***
MANHOLE #43436 Date Closed: 10/20/1999	***3871 10TH AVE***	***WNW 0 - 1/8 (0.090 mi.)***	***D17***	***81***
MAN HOLE # 406 Date Closed: 9/6/2006	***10TH AVE / POST AVE***	***NNW 0 - 1/8 (0.100 mi.)***	***D20***	***88***
TRAIN MAINTAINANCE FACILI Date Closed: 4/5/2001	***3900 AVE 10***	***NNW 0 - 1/8 (0.115 mi.)***	***H37***	***128***
ON THE STREET Date Closed: 1/31/2008	ISHAM STREET / 10TH	NNW 0 - 1/8 (0.124 mi.)	H43	146
AUTO REPAIR SHOP Date Closed: 12/10/2007	10TH AVE / ISHAM ST	NNW 0 - 1/8 (0.124 mi.)	H44	148

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE #407M Date Closed: 5/18/2000	***10TH AV / ISHAM ST***	***NNW 0 - 1/8 (0.124 mi.)***	***H45***	***149***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT SERVICE STATION Date Closed: 12/9/2003	***401 W 207TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***A3***	***31***
STREET Date Closed: 6/21/2007	401 WEST 207TH	ESE 0 - 1/8 (0.028 mi.)	A4	34
ONE QT OIL LEAKED FROM PIPE IN Date Closed: 11/8/2007	207 STREET / 9 AVENUE	ESE 0 - 1/8 (0.028 mi.)	A5	36
MERIT SERVICE STATION ***MERIT INWOOD GAS STATION*** Date Closed: 4/3/2003 Date Closed: 12/9/2003	***401 WEST 207TH STREET*** ***401 WEST 207TH ST***	***ESE 0 - 1/8 (0.028 mi.)*** ***ESE 0 - 1/8 (0.028 mi.)***	***A6*** ***A7***	***37*** ***43***
MANHOLE #40048 Date Closed: 1/30/2004	207TH ST/9TH AVE	ESE 0 - 1/8 (0.028 mi.)	A8	47
HESS STATION Date Closed: 12/9/2003	***401 WEST 207TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***A9***	***48***
MANHOLE #40048 Date Closed: 12/23/2002	***207TH ST/9TH AVE***	***ESE 0 - 1/8 (0.028 mi.)***	***A10***	***51***
ON STREET Date Closed: 6/28/2004	WEST 206TH ST./9TH AVE	S 0 - 1/8 (0.061 mi.)	B13	72
420 W 206TH ST OWNERS Date Closed: 2/6/1996	***420 W 206TH ST***	***WSW 0 - 1/8 (0.067 mi.)***	***C15***	***75***
315 EAST 206TH ST/BX Date Closed: 10/24/1990	***315 EAST 206TH STREET***	***SSE 0 - 1/8 (0.106 mi.)***	***G28***	***110***
Not reported Date Closed: 8/13/2002	3835 9TH AVE	SSW 0 - 1/8 (0.107 mi.)	B29	113
ONE QT OIL IN MH 40038 (TIDAL) Date Closed: 5/12/2008	WEST 205 STREET / 9 A	SSW 0 - 1/8 (0.107 mi.)	B30	114
VAULT 1734 Date Closed: 3/17/2000	***9TH AV / W 205TH ST***	***SSW 0 - 1/8 (0.107 mi.)***	***B31***	***115***
VAULT V1734 Date Closed: 4/20/2000	***205TH ST / 9TH AV***	***SSW 0 - 1/8 (0.107 mi.)***	***B32***	***118***
HARLEM RIVER FACILITY Date Closed: 11/22/1996	***300 206 STREET***	***SSE 0 - 1/8 (0.115 mi.)***	***G38***	***131***
NAGLE AV Date Closed: 6/4/1998	***204 TH ST***	***WSW 0 - 1/8 (0.117 mi.)***	***F39***	***137***

NY Hist Spills: 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.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there

are 15 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
10TH AVE & 207TH STREET	*10TH AVE / 207TH STREET*	*WNW 0 - 1/8 (0.087 mi.)*	*D16*	*78*
MANHOLE #43436	*3871 10TH AVE*	*WNW 0 - 1/8 (0.090 mi.)*	*D17*	*81*
MAN HOLE # 406	*10TH AVE / POST AVE*	*NNW 0 - 1/8 (0.100 mi.)*	*D20*	*88*
TRAIN MAINTAINANCE FACILI	*3900 AVE 10*	*NNW 0 - 1/8 (0.115 mi.)*	*H37*	*128*
MANHOLE #407M	*10TH AV / ISHAM ST*	*NNW 0 - 1/8 (0.124 mi.)*	*H45*	*149*

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERIT SERVICE STATION	*401 W 207TH ST*	*ESE 0 - 1/8 (0.028 mi.)*	*A3*	*31*
MERIT INWOOD GAS STATION	*401 WEST 207TH ST*	*ESE 0 - 1/8 (0.028 mi.)*	*A7*	*43*
HESS STATION	*401 WEST 207TH ST*	*ESE 0 - 1/8 (0.028 mi.)*	*A9*	*48*
MANHOLE #40048	*207TH ST/9TH AVE*	*ESE 0 - 1/8 (0.028 mi.)*	*A10*	*51*
420 W 206TH ST OWNERS	*420 W 206TH ST*	*WSW 0 - 1/8 (0.067 mi.)*	*C15*	*75*
315 EAST 206TH ST/BX	*315 EAST 206TH STREET*	*SSE 0 - 1/8 (0.106 mi.)*	*G28*	*110*
VAULT 1734	*9TH AV / W 205TH ST*	*SSW 0 - 1/8 (0.107 mi.)*	*B31*	*115*
VAULT V1734	*205TH ST / 9TH AV*	*SSW 0 - 1/8 (0.107 mi.)*	*B32*	*118*
HARLEM RIVER FACILITY	*300 206 STREET*	*SSE 0 - 1/8 (0.115 mi.)*	*G38*	*131*
NAGLE AV	*204 TH ST*	*WSW 0 - 1/8 (0.117 mi.)*	*F39*	*137*

Other Ascertainable Records

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 04/11/2010 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	*NO STREET APPLICABLE*	*WNW 1/2 - 1 (0.808 mi.)*	*0*	*7*

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 06/01/2010 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
HUDSON RIVER PCBS	*NO STREET APPLICABLE*	*WNW 1/2 - 1 (0.808 mi.)*	*0*	*7*

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

A review of the MANIFEST list, as provided by EDR, and dated 04/30/2010 has revealed that there are 24 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POST CLEANERS	*131 POST AVE*	*WNW 1/8 - 1/4 (0.131 mi.)*	*D48*	*209*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESCARTES DRY CLEANERS	***527 W 207TH ST***	***NW 1/8 - 1/4 (0.142 mi.)***	***J51***	***229***
M I CLEANER	***543 W 207TH ST***	***NW 1/8 - 1/4 (0.171 mi.)***	***J68***	***290***
CON EDISON - MH 46213	***260 SHERMAN STREET***	***NNW 1/8 - 1/4 (0.176 mi.)***	***M75***	***304***
B P PRODUCTS NORTH AMERICA INC	***3936 10TH AVE***	***N 1/8 - 1/4 (0.193 mi.)***	***Q89***	***352***
CONSOLIDATED EDISON	SHERMAN AVE / 10TH AV	N 1/8 - 1/4 (0.200 mi.)	Q96	375
VERIZON NEW YORK INC. MANHOLE	***211TH ST 10TH AVE SW C***	***N 1/8 - 1/4 (0.218 mi.)***	***Q112***	***412***
NYNEX	211TH ST/10TH AVE	N 1/8 - 1/4 (0.218 mi.)	Q113	416
NEW YORK TELEPHONE	***W 211 & 10 AVE***	***N 1/8 - 1/4 (0.218 mi.)***	***Q114***	***417***
NEW YORK CITY TRANSIT AUTH	3961 10TH AVE NYD980646	N 1/8 - 1/4 (0.234 mi.)	Q127	477
LEEDS CLEANERS	***575 W 207TH ST***	***NW 1/8 - 1/4 (0.244 mi.)***	***V134***	***504***
LEEDS DRY CLEANERS INC	***576 W 207TH ST***	***NW 1/8 - 1/4 (0.246 mi.)***	***V139***	***528***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYNEX	207TH ST/9TH AVE	ESE 0 - 1/8 (0.027 mi.)	A1	25
CONSOLIDATED EDISON	W 207 ST / 9 AVE	ESE 0 - 1/8 (0.027 mi.)	A2	26
NYCTA - 9TH AVE UNIT SHOP	***3884 NINTH AVENUE***	***E 0 - 1/8 (0.029 mi.)***	***A12***	***56***
CONSOLIDATED EDISON OF NY	W. 205 ST / 9 AVE	SSW 0 - 1/8 (0.107 mi.)	B35	122
CONED	3820 9TH AVE	SSW 1/8 - 1/4 (0.127 mi.)	E46	152
MERIT OIL CORP	***401 W 207TH ST & 9TH AV***	***NE 1/8 - 1/4 (0.128 mi.)***	***47***	***153***
CONSOLIDATED EDISON	OPPOSITE 411 WEST 204 S	SSW 1/8 - 1/4 (0.152 mi.)	K58	253
NYNEX	204TH STREET / NAGLE	WSW 1/8 - 1/4 (0.172 mi.)	L69	293
NYNEX	NAGLE STREET / 204TH ST	WSW 1/8 - 1/4 (0.172 mi.)	L71	296
CONSOLIDATED EDISON	431 W 203 ST BOX 24164	SSW 1/8 - 1/4 (0.201 mi.)	S101	385
NYNEX	203RD ST/9TH AVE	SSW 1/8 - 1/4 (0.204 mi.)	S103	389
CITIWIDE AUTO	***3795 10TH AVE***	***SW 1/8 - 1/4 (0.216 mi.)***	***O110***	***407***

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 03/23/2010 has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESCARTES DRY CLEANERS	527 WEST 207TH STREET	NW 1/8 - 1/4 (0.142 mi.)	J52	241
MI CLEANERS	543 W 207TH ST	NW 1/8 - 1/4 (0.171 mi.)	J67	290
LEED'S ONE HOUR CLEANERS	575W 207TH ST.	NW 1/8 - 1/4 (0.244 mi.)	V135	518

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 2

EXECUTIVE SUMMARY

Manufactured Gas Plants sites within approximately 1 mile of the target property.

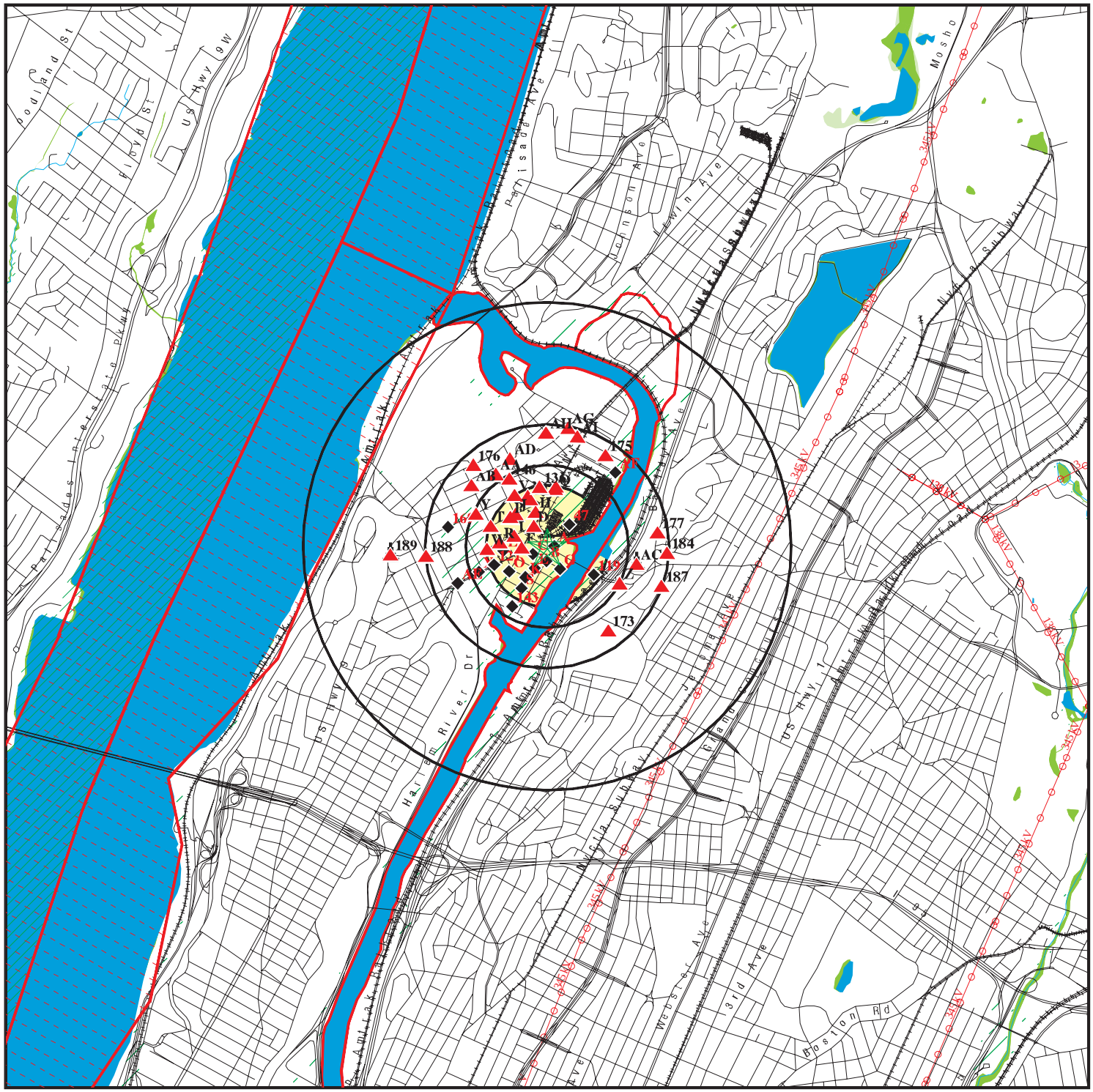
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - KINGSBRIDGE STATI	BLOCK 3236, LOT 25 AND	E 1/4 - 1/2 (0.374 mi.)	AC157	596
CON EDISON - BROADWAY/DYCKMAN	12 DONGAN PLACE	W 1/2 - 1 (0.643 mi.)	189	697

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
NYCDOT	FINDS,MANIFEST,RCRA-NLR
GETTY PETROLEUM	MANIFEST
FORT WASHINGTON AUTO BODY	MANIFEST
NYCTA - JEROME BX	FINDS,RCRA-NLR,MANIFEST
CONSOLIDATED EDISON CO OF NY INC	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCDEP	MANIFEST
NYC DOT	FINDS,RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYSDOT BIN 107696A	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYSDOT BIN 107696A	RCRA-LQG
59TH GENERATION STATION	SPILLS
LUCETTE PICARD PROPERTY	VCP

OVERVIEW MAP - 02874993.2r



0 1/2 1 2 Miles

- 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
- Power transmission lines
- Oil & Gas pipelines
- 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: Pathmark Supermarket	CLIENT: EnviroBusiness, Inc.
ADDRESS: 410 W 207th St New York NY 10034	CONTACT: Brian Perrott
LAT/LONG: 40.8639 / 73.9175	INQUIRY #: 02874993.2r
	DATE: September 21, 2010 12:26 pm

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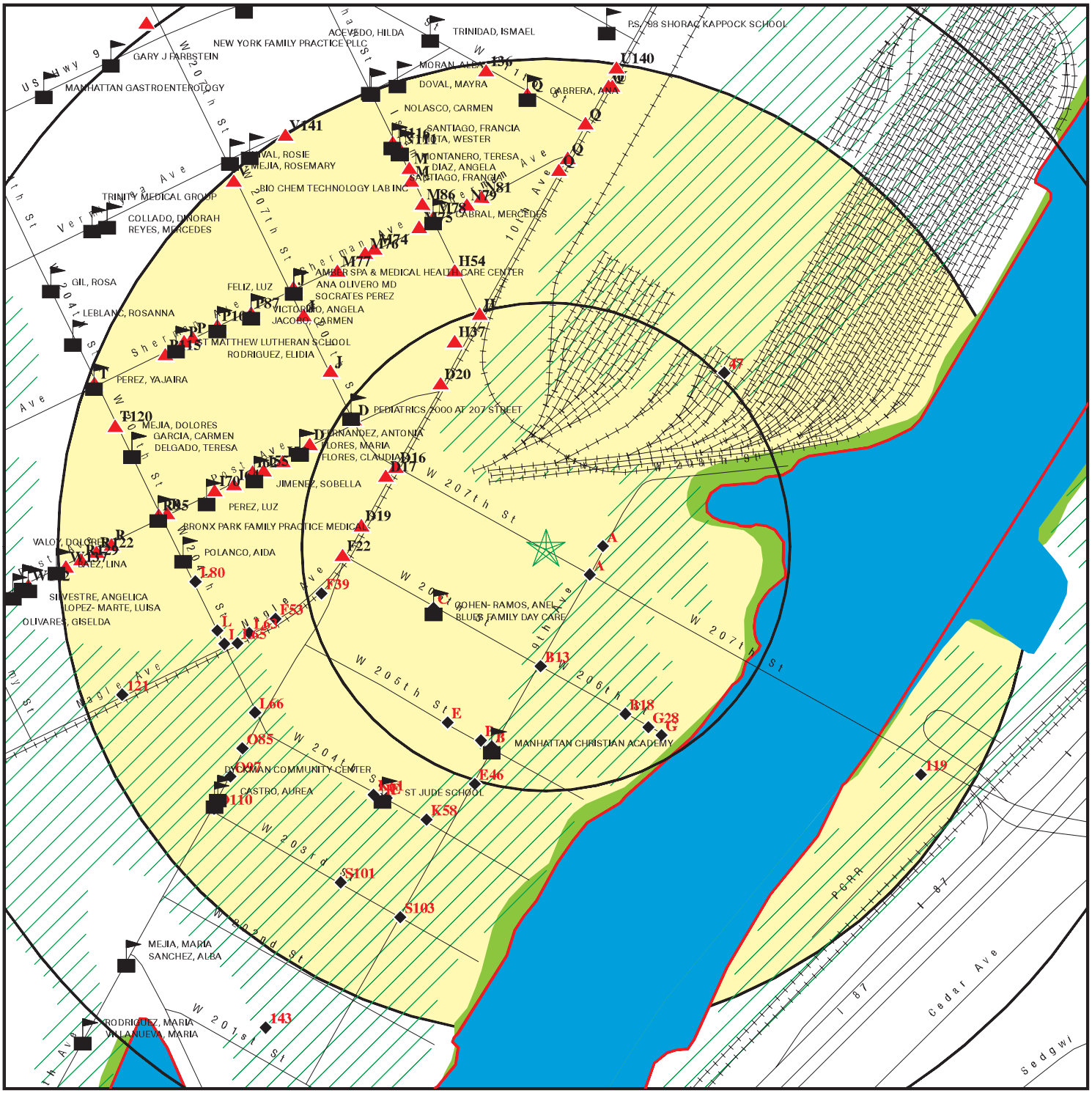
DETAIL MAP - 02874993.2r



- 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
- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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LAT/LONG: 40.8639 / 73.9175	DATE: September 21, 2010 12:26 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		2.000	0	0	0	1	0	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	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
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	1	NR	NR	NR	1
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	2	1	NR	NR	NR	3
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
Federal ERNS list								
ERNS		0.125	1	NR	NR	NR	NR	1
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
VAPOR REOPENED		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS		0.500	6	10	44	NR	NR	60
HIST LTANKS		0.500	4	8	30	NR	NR	42
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	3	10	NR	NR	NR	13

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
AST		0.250	7	47	NR	NR	NR	54
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
CBS		0.250	0	0	NR	NR	NR	0
MOSF		0.500	0	0	0	NR	NR	0
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								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
RES DECL		0.180	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
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
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		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
DEL SHWS		1.000	0	0	0	0	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST		0.250	3	11	NR	NR	NR	14
HIST AST		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
NY Spills		0.125	24	NR	NR	NR	NR	24
NY Hist Spills		0.125	15	NR	NR	NR	NR	15
Other Ascertainable Records								
RCRA-NonGen		TP	NR	NR	NR	NR	NR	0
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	1	NR	1
ROD		1.000	0	0	0	1	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
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
HSWDS		0.500	0	0	0	NR	NR	0
MANIFEST		0.250	4	22	NR	NR	NR	26
DRYCLEANERS		0.250	0	3	NR	NR	NR	3
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
E DESIGNATION		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	1	1	NR	2
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

NPL	**HUDSON RIVER PCBS**	**NPL**	**1000384273**
Region	**NO STREET APPLICABLE**	**CERCLIS**	**NYD980763841**
WNW	**HUDSON RIVER, NY 12801**	**RCRA-LQG**	
1/2-1		**US ENG CONTROLS**	
4268 ft.		**US INST CONTROL**	
		CONSENT	
		ROD	
		FINDS	
		HIST LTANKS	
		NY Spills	

NPL:

EPA ID:	NYD980763841
EPA Region:	02
Federal:	N
Final Date:	Not reported

Category Details:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	0
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	HUDSON RIVER PCBS
Site Status:	Final
Site Zip:	12801
Site City:	HUDSON RIVER
Site State:	NY
Federal Site:	No
Site County:	WASHINGTON
EPA Region:	02
Date Proposed:	09/08/83
Date Deleted:	Not reported
Date Finalized:	09/21/84

Substance Details:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3
Pathway:	AIR PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3

HUDSON RIVER PCBS (Continued) **1000384273**

Pathway: SURFACE WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Site Status Details:
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 09/21/1984
Deleted Date: Not reported

Narratives Details:
NPL Name: HUDSON RIVER PCBS
City: HUDSON RIVER
State: NY

CERCLIS:
Site ID: 0202229
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: BENNY CONETTA
Contact Tel: (212) 637-3030
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: HUDSON RIVER PCBS
Alias Address: Not reported
WARREN, NY
Alias Name: HUDSON RIVER PCBS

HUDSON RIVER PCBS (Continued) **1000384273**

Alias Address: NO STREET APPLICABLE
NO CITY APPLICABLE, NY 12801
Alias Name: HUDSON RIVER PCBS
Alias Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801

Site Description: The Hudson River PCBs Site includes a nearly 200 river-mile stretch of the Hudson River in eastern New York State from the Village of Hudson Falls to the Battery in New York City. The Hudson River has been designated an American Heritage River because of its important role in American history and culture. This federal Superfund Record of Decision (ROD) addresses the risks to people and ecological receptors associated with polychlorinated biphenyls (PCBs) in the in-place sediments of the Upper Hudson River. The Site is divided into the Upper Hudson River which is the length of river between Hudson Falls and the Federal Dam at Troy, New York and the Lower Hudson River which is the length of river between Federal Dam at Troy and the Battery. For purposes of this project, EPA further divided the Upper Hudson River area into three main sections known as River Section 1, River Section 2, and River Section 3. The Site also includes five Remnant Deposits, which are areas of PCB-contaminated sediment that became exposed after the river water level dropped following removal of the Fort Edward Dam in 1973. The Upper Hudson River portion of the Site extends from the Fenimore Bridge in Hudson Falls to the Federal Dam at Troy, a distance of just over 43 river miles. The Lower Hudson River extends from the Federal Dam to the southern tip of Manhattan at the Battery in New York City. The Mid-Hudson River, which is primarily a subset of the Lower Hudson River, extends from the Federal Dam at Troy to just south of Poughkeepsie. The predominant sources of PCB contamination to the Upper Hudson River were two capacitor manufacturing plants owned and operated by GE. The plants are located adjacent to or near the Hudson River in the Village of Hudson Falls and the Town of Fort Edward. Over a 30-year period, the plants discharged a substantial amount of PCBs into the river. At the GE Hudson Falls plant, leakage of non-aqueous phase PCB-bearing oils through bedrock to the river continues to be a source of PCB contamination. Regarding the former outfall to the Hudson River from the GE Fort Edward plant, New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision in January 2000 that calls for the excavation of PCB-contaminated soil and sediment in this area of the Upper Hudson River shoreline in order to eliminate this source of PCBs to the river. EPA's analysis assumes a significantly reduced PCB loading to the river from these sources once the State's plans for remediation are implemented. PCBs, the chemicals of concern addressed in this decision document, have been classified by EPA as probable human carcinogens. They are also linked to other serious non- cancer adverse health effects based on observations in animals and emerging evidence in humans. Once discharged from the GE plants, the PCBs adhered to river sediment and accumulated downstream as they settled in impounded pools and other depositional areas. Historic fish and sediment data indicated PCBs were accumulating downstream of the old Fort Edward Dam as well as accumulating behind the dam. The removal of the dam in 1973 resulted in a remobilization and downstream distribution of PCBs that had accumulated behind the dam. Historically, the highest PCB sediment concentrations have been detected in the cohesive sediments within the Upper Hudson River. River scouring/ erosion and other mechanisms have mobilized PCB- contaminated sediments from the extensive cohesive deposits, redepositing them farther downstream all the way to the Battery. The preponderance of data indicates that burial of contaminated sediment by cleaner materials is not universally or uniformly occurring. Data also indicate that contaminated sediments in River Sections 1, 2 and 3 continue to serve as the major source of PCBs to the water column and the fish within the Upper Hudson River. During an approximate 30-year period ending in 1977,

HUDSON RIVER PCBS (Continued) **1000384273**

PCBs were used in capacitor manufacturing operations Hudson Falls and Fort Edward, New York facilities. PCB oils were discharged both directly and indirectly from these plants into the Hudson River. This included both non-permitted and permitted discharges. Even after permits were received in 1975, permit exceedances occurred. Estimates of the total quantity of PCBs discharged directly from the two plants into the river from the 1940s to 1977 are as high as 1,330,000 pounds (about 605,000 kg). Many of the PCBs discharged to the river adhered to sediments and accumulated with the sediments as they settled in the impounded pool behind the Fort Edward Dam, as well as other depositional areas farther downstream. Because of its deteriorating condition, the Fort Edward Dam was removed in 1973. Five areas of PCB-contaminated sediments were exposed due to the lowering of the river water level when the Fort Edward Dam was removed. These five areas are known as the Remnant Deposits. During subsequent floods, PCB-contaminated sediments from the Fort Edward Dam area were scoured and transported downstream. EPA notified the company that had the two plants of the remedy selected in the 1984 ROD and offered the company the opportunity to implement the selected remedy with respect to the Remnant Deposits and the Waterford drinking water supply evaluation. The company declined EPA's offer. NYSDEC, with funding provided by EPA, conducted the evaluation at the Waterford Water Works. In addition, NYSDEC prepared a design for the in- place containment of the Remnant Deposits. This design was completed in 1988. In March 1989, the company offered to assume responsibility for the implementation of the in-place containment remedy for the Remnant Deposits. EPA issued a September 27, 1989 Administrative Order on Consent to the company which required the company to prepare a remedial design report for the construction of access roads to the Remnant Deposits and to submit a design for the in-place containment of the Remnant Deposits incorporating the NYSDEC-prepared design, plus any EPA-approved refinements to that design. EPA also issued a September 27, 1989 Administrative Order to the company requiring the company to construct and maintain the access roads to the Remnant Deposits. The company constructed the in-place containment of the Remnant Deposits under a 1990 Consent Decree with EPA. EPA will evaluate the need for further remedial action for the Remnant Deposits after completion of a 5-year review of the Remnant Deposit containment remedy, performed pursuant to CERCLA ?121(c). The company's manufacturing plants in Hudson Falls and Fort Edward are listed under the New York State Inactive Hazardous Waste Disposal Sites Remedial program. The company currently is conducting remedial activities near the Hudson Falls and Fort Edward plants pursuant to Orders on Consent with NYSDEC. The company has thus far declined to implement the January 2000 NYSDEC Record of Decision for the Fort Edward plant Outfall 004. The NYSDEC is conducting the remedial design for that ROD. As one of America's great rivers, the Hudson has played and will continue to play a major role in the history, culture, and economy of the area. The Hudson has been designated an American Heritage River because of its important role in American history and culture. Current and reasonably-anticipated future land use and surface water use are described below. Current land use includes a variety of residential, commercial and industrial activities. Use of the river and lands surrounding the river are projected to remain the same. At this time, no changes in future land use are known, nor are any new uses expected. The Site passes through 14 different counties as the river flows to its final discharge point in New York Harbor. Four counties (Albany, Washington, Rensselaer, and Saratoga) lie adjacent to the more highly contaminated portions (areas of proposed active remediation in River Sections 1, 2 and 3) of the Upper Hudson River between Troy (Federal Dam) and Hudson Falls. Within these four counties, forests and farmlands surround urban centers and historic villages. There are apple orchards and dairy farms, parks, nature preserves and gardens. In addition to the GE Hudson Falls and Fort Edward plants, the area is home to technology

HUDSON RIVER PCBS (Continued) **1000384273**

companies, oil service companies and food companies. Saratoga and Washington Counties have experienced population growth between 1990 and 1999 of 10.2 percent and 1.4 percent, respectively, while Rensselaer and Albany Counties have experienced population declines of 1.9 percent and 0.3 percent, respectively. Total population of these four counties, according to July 1999 estimates by the US Department of Commerce Bureau of the Census, is just under 700,000. Warren County, in which the City of Glens Falls is located, has a population of just over 60,000 and is just to the northwest of the Hudson River PCBs Site. A Record of Decision (ROD) addressing operable unit 1 (OU 01) was completed in September 1984. A Record of Decision addressing OU 2 was completed in February 2002.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	07/01/83
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	08/01/83
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/01/83
Priority Level:	Low priority for further assessment
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/08/83
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	Not reported
Date Completed:	11/15/83
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/21/84
Priority Level:	Not reported
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	03/30/84
Date Completed:	09/25/84
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/25/84
Priority Level:	Not reported
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	10/27/83
Date Completed:	09/28/84
Priority Level:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 05/04/88
Priority Level: Not reported

Action: REMEDIAL DESIGN
Date Started: 02/02/89
Date Completed: 06/05/89
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/27/89
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/27/89
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/03/89
Date Completed: 04/06/90
Priority Level: Not reported

Action: REMEDIAL DESIGN
Date Started: 09/28/84
Date Completed: 05/18/90
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 05/18/90
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 04/06/90
Date Completed: 07/21/90
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 04/17/90
Date Completed: 08/21/90
Priority Level: Stabilized

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/27/89

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 09/28/90
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 03/12/90
Date Completed: 10/04/90
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/18/89
Date Completed: 01/07/91
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 10/13/89
Date Completed: 09/29/92
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/28/90
Date Completed: 09/29/92
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 11/19/92
Date Completed: 12/01/92
Priority Level: Stabilized

Action: COMFORT/STATUS LETTER
Date Started: Not reported
Date Completed: 11/02/98
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 10/14/98
Date Completed: 01/07/99
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 06/03/98
Date Completed: 06/24/99
Priority Level: Not reported

Action: Public Notice Published
Date Started: Not reported
Date Completed: 03/28/00
Priority Level: Not reported

Action: REMOVAL
Date Started: 10/06/99
Date Completed: 09/14/01
Priority Level: Stabilized

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/25/90
Date Completed: 02/01/02
Priority Level: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 02/01/02
Priority Level: Final Remedy Selected at Site

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/02
Priority Level: Not reported

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/02
Priority Level: Not reported

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/02
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 07/23/02
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 07/23/02
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/23/02
Date Completed: 08/13/03
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 08/13/03
Priority Level: Not reported

Action: EXPANDED SITE INSPECTION/REMEDIAL INVESTIGATION
Date Started: Not reported
Date Completed: 08/31/05
Priority Level: Referred to Removal, no further Rmdl Asmt

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/06/05
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/29/95
Date Completed: 09/20/05
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 10/06/05
Priority Level: Not reported

Action: COMMUNITY INVOLVEMENT
Date Started: 03/25/02
Date Completed: 11/02/06
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 09/06/05
Date Completed: 11/02/06
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 03/29/07
Priority Level: Not reported

Action: STATE SUPPORT AGENCY COOPERATIVE AGREEMENT
Date Started: 02/22/91
Date Completed: 04/03/07
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 07/11/07
Priority Level: Not reported

Action: REMOVAL NEGOTIATIONS
Date Started: Not reported
Date Completed: 07/11/07
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 08/24/07
Date Completed: 08/27/07
Priority Level: Cleaned up

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 09/11/07
Date Completed: 10/24/07
Priority Level: Stabilized

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: 01/25/08
Priority Level: Not reported

Action: SECTION 104(E) REF LITIGATION
Date Started: 09/27/07
Date Completed: 07/28/08
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/05/08
Priority Level: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/05/08
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/08/08
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/08/08
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/11/08
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 10/14/08
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 02/03/09
Priority Level: Not reported

Action: REMEDIAL ACTION
Date Started: 05/09/08
Date Completed: 11/24/09
Priority Level: Final RA Report

Action: REMEDIAL ACTION
Date Started: 12/04/08
Date Completed: 12/23/09
Priority Level: Final RA Report

Action: TECHNICAL ASSISTANCE
Date Started: 09/30/97
Date Completed: Not reported
Priority Level: Not reported

Action: REMEDIAL DESIGN
Date Started: 02/15/02
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/23/02
Date Completed: Not reported
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 07/08/03

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/06/05
Date Completed: Not reported
Priority Level: Not reported

Action: REMEDIAL ACTION
Date Started: 01/19/07
Date Completed: Not reported
Priority Level: Not reported

Action: REAL PROPERTY ACQUISITION
Date Started: 02/15/08
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/08/08
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 09/11/08
Date Completed: Not reported
Priority Level: Stabilized

RCRA-LQG:
Date form received by agency: 08/29/2008
Facility name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERF
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Facility address: 446 LOCK 8 WAY
(27 BRADLEY ST,FORT EDWARD,NY)
HUDSON FALLS, NY 12839
EPA ID: NYD980763841
Mailing address: BROADWAY, BLDG 40
FORT EDWARD, NY 12828
Contact: ROBERT GIBSON
Contact address: BROADWAY, BLDG 40
FORT EDWARD, NY 12828
Contact country: US
Contact telephone: (518) 746-5253
Contact email: BOB.GIBSON@GE.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the

HUDSON RIVER PCBS (Continued) **1000384273**

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:	CANADIAN PACIFIC RAILROAD
Owner/operator address:	9TH AVE SW GULF CANADA SQ CALGARY, AB T2P4Z
Owner/operator country:	CA
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/02/2007
Owner/Op end date:	Not reported

Owner/operator name:	USEPA
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	06/04/2008
Owner/Op end date:	Not reported

Owner/operator name:	WCC LLC
Owner/operator address:	WILLOW GLEN MECHANICVILLE, NY 12188
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/02/2007
Owner/Op end date:	Not reported

Owner/operator name:	GENERAL ELECTRIC CO
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:	04/02/2007
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

HUDSON RIVER PCBS (Continued) **1000384273**

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
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Consumer Electronics
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Oil-Based Finishes
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Any Universal Waste
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 01/01/2007
Facility name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERF
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERF
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERF
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Large Quantity Generator

HUDSON RIVER PCBS (Continued) **1000384273**

Violation Status: No violations found

US ENG CONTROLS:

EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/25/1984
Planned Complet. date: 9/30/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/25/1984
Planned Complet. date: 9/30/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/25/1984
Planned Complet. date: 9/30/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/25/1984
Planned Complet. date: 9/30/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Slope Stabilization

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02

HUDSON RIVER PCBS (Continued) **1000384273**

Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Solidification/ Stabilization

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 2/1/2002
Planned Complet. date: 12/30/2001
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Natural Attenuation

US INST CONTROL:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Action Name: RECORD OF DECISION
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Inst. Control: Fishing Advisory
Actual Date: Not reported
Complet. Date: 2/1/2002
Operable Unit: 02
Contaminated Media : Surface Water

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)

HUDSON RIVER PCBS (Continued) **1000384273**

Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110009302879

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

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 LTANKS:

Region of Spill:	4
Spill Number:	8704920
Spill Date:	09/13/1987
Spill Time:	18:30
Spill Cause:	Tank Failure
Resource Affectd:	Surface Water
Water Affected:	HUDSON RIVER $
Spill Source:	Other Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	02/18/88
Cleanup Ceased:	10/15/87
Cleanup Meets Standard:	True
Investigator:	MCDONALD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/13/87
Reported to Department Time: 18:45
SWIS: 19
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: WANTON ISLAND INC.
Spiller Address: PO BOX 119
Spiller City,St,Zip: WEST CAMP, NY 12490
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (914) 246-2750
Facility Extention: Not reported
Spill Notifier: Citizen
PBS Number: Not reported
Last Inspection: 09/13/87
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/22/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/12/92
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 500
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 200
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 02/18/88: COMPANY HIRED DOMERMUTH AFTER MCDONALD INITIATED CLEANUP.
Spill Cause: 275 GAL TANK LEAKING INTO CEMENTON RIVER AT EDGE OF HUDSON. MCDONALD WILL INVESTIGATE

NY Spills:
Site ID: 237813

HUDSON RIVER PCBS (Continued) **1000384273**

Facility Addr2:	Not reported
Facility ID:	0308107
Spill Number:	0308107
Facility Type:	ER
SWIS:	6000
Investigator:	rxamato
Referred To:	Not reported
Spill Date:	10/31/2003
Reported to Dept:	10/31/2003
CID:	297
Spill Cause:	Abandoned Drums
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
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.
Spill Closed Dt:	10/31/2003
Remediation Phase:	0
Date Entered In Computer:	10/31/2003
Spill Record Last Update:	11/6/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
Contact Phone:	(718) 354-4121
DEC Region:	3
DER Facility ID:	278391
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SMITH" 10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak.
Remarks:	CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE

Material:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

HUDSON RIVER PCBS (Continued) **1000384273**

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

A1 **NYNEX** **MANIFEST** **1009233876**
ESE **207TH ST/9TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10027**
0.027 mi.
141 ft. **Site 1 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

NY MANIFEST:

EPA ID:	NYP000922252
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA4133891
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:	951010
Trans1 Recv Date:	951010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951025
Part A Recv Date:	Not reported
Part B Recv Date:	951113
Generator EPA ID:	NYP000922252
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00600
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported

NYNEX (Continued) **1009233876**

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

A2 **CONSOLIDATED EDISON** **MANIFEST** **S108650819**
ESE **W 207 ST / 9 AVE** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.027 mi.
141 ft. **Site 2 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

NY MANIFEST:

EPA ID:	NYP004148946
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:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	4/2/2007
Trans1 Recv Date:	4/2/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	4/3/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	985
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	07
Manifest Tracking Num:	001027061JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

CONSOLIDATED EDISON (Continued) **S108650819**

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:	4/2/2007
Trans1 Recv Date:	4/2/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	4/2/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	509
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	16
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	07
Manifest Tracking Num:	001027090JJK
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:	4/2/2007
Trans1 Recv Date:	4/2/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	4/16/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported

CONSOLIDATED EDISON (Continued) **S108650819**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	2313
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:	07
Manifest Tracking Num:	001027063JJK
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:	07
Manifest Status:	001027061JJK
Trans1 State ID:	NYP004148946
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJ0000027193
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:	TT
Container Type:	985
Handling Method:	K
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported

CONSOLIDATED EDISON (Continued) **S108650819**

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

Document ID:	07
Manifest Status:	001027090JJK
Trans1 State ID:	NYP004148946
Trans2 State ID:	Not reported
Generator Ship Date:	NJD002200046
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJ0000027193
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:	16
Number of Containers:	DM
Container Type:	509
Handling Method:	K
Specific Gravity:	1
Waste Code:	L
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported

CONSOLIDATED EDISON (Continued) **S108650819**

Generator Ship Date:	2007-04-02
Trans1 Recv Date:	2007-04-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-04-03
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	985.0
Units:	K - Kilograms (2.2 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:	07
Manifest Tracking Num:	001027061JJK
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:	2007-04-02
Trans1 Recv Date:	2007-04-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-04-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	509.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	16.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	07
Manifest Tracking Num:	001027090JJK
Import Ind:	N
Export Ind:	N

CONSOLIDATED EDISON (Continued) **S108650819**

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:	2007-04-02
Trans1 Recv Date:	2007-04-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-04-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148946
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	2313.0
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:	07
Manifest Tracking Num:	001027063JJK
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

A3 **MERIT SERVICE STATION** **NY Spills** **S102239434**
ESE **401 W 207TH ST** **NY Hist Spills** **N/A**
< 1/8 **INWOOD, NY**
0.028 mi.
146 ft. **Site 3 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

NY Spills:

Site ID:	64697
Facility Addr2:	Not reported
Facility ID:	9516087
Spill Number:	9516087
Facility Type:	ER

MERIT SERVICE STATION (Continued) **S102239434**

SWIS:	3101
Investigator:	WXSUN
Referred To:	Not reported
Spill Date:	3/15/1996
Reported to Dept:	3/15/1996
CID:	15
Spill Cause:	Unknown
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/9/2003
Remediation Phase:	0
Date Entered In Computer:	3/15/1996
Spill Record Last Update:	7/19/2005
Spiller Name:	ROBERT LLOYD
Spiller Company:	MERIT SERVICE STATION
Spiller Address:	401 W 207TH ST
Spiller City,St,Zip:	INWOOD, ZZ
Spiller Company:	001
Contact Name:	ROBERT LLOYD
Contact Phone:	(610) 866-7799
DEC Region:	2
DER Facility ID:	62298
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" Contaminated soil discovered during tank pull PRIMARY SPILL NUMBER FOR THIS SITE IS 9706124 FOR NOTES, LOOK UP THAT SPILL NUMBER. 12/9/2003 Reassigned from Sangesland to Sun. To be investigated and remediated under Spill # 97-06124.
Remarks:	preliminary soil test indicate contamination around tanks

Material:

Site ID:	64697
Operable Unit ID:	1027056
Operable Unit:	01
Material ID:	566859
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

MERIT SERVICE STATION (Continued) **S102239434**

Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9516087
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 03/15/1996 09:00
Reported to Dept Date/Time: 03/15/96 09:29
SWIS: 60
Spiller Name: MERIT SERVICE STATION
Spiller Contact: ROBERT LLOYD
Spiller Phone: (610) 866-7799
Spiller Contact: ROBERT LLOYD
Spiller Phone: (610) 866-7799
Spiller Address: 401 W 207TH ST
Spiller City,St,Zip: INWOOD
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 03/15/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 04/02/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported

MERIT SERVICE STATION (Continued) **S102239434**

Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Contaminated soil discovered during tank pull
Remark: preliminary soil test indicate contamination around tanks

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A4 **STREET** **NY Spills** **S108636298**
ESE **401 WEST 207TH** **N/A**
< 1/8 **MANHATTAN, NY**
0.028 mi.
146 ft. **Site 4 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

NY Spills:
Site ID: 380084
Facility Addr2: Not reported
Facility ID: 0700699
Spill Number: 0700699
Facility Type: ER
SWIS: 3101
Investigator: jbvought
Referred To: Not reported
Spill Date: 4/18/2007
Reported to Dept: 4/18/2007
CID: 15
Spill Cause: Other
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: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 6/21/2007
Remediation Phase: 0
Date Entered In Computer: 4/18/2007
Spill Record Last Update: 6/21/2007
Spiller Name: STEVE FRANK
Spiller Company: STREET
Spiller Address: 401 WEST 207TH
Spiller City,St,Zip: MANHATTEN, NY
Spiller Company: 001
Contact Name: STEVE FRANK
Contact Phone: (718) 321-3136
DEC Region: 2

STREET (Continued) **S108636298**

DER Facility ID: 329567
DEC Memo: Liro Construction is installing a sewer line for NYC-DDC project - While digging a trench in front of an existing gas station (401 West 207th st) they found weathered petroleum contaminated soil. Sangesland asked Mr. Frank to confirm that the contaminated soil was NOT dumped back into the trench after the new line was installed. Mr. Frank will confirm and call back. Apparently there is already an open spill for the gas station at this location. 4/23/07 - Carlson - Received email from Steve Frank at Liro Engineering : "The trench was excavated to install a new water line. Trench length is more than 100 ' but the affected area is only about 10' wide. The trench is about 10' deep there. The contractor reported that nothing unusual was noticed in the soil when the trench was dug and that no liquid was in the trench when excavated. The substance in the trench was not noticed until after the big rainstorm. We inspected the fluid Weds. AM, collected a sample and called the hotline as it smelled and looked like a petroleum product to us. The trench is still open and the Contractor does not intend to backfill with the soil that was removed from the trench. " Received laboratory results of sample. DEC Carlson performed site inspection. The sewer line is being installed at approximately 8 ft below grade. One portion about 10ft long is contains water and floating product. This portion is directly downgradient of the Hess station. The portion with water and product is greater than 8 ft deep, and will have a concrete box and manhole around it. The construction operator reported seeing soil staining when groundwater was encountered at approximately 8 ft below grade. Met with the engineer on site Attef Farag (phone 973-623-2999, email afarag@kseng.com). Met with Hess's consultant, Jonathan Curran from Delta. Tim Fisher from Delta will be managing this incident. I indicated to Attef Farag that the water in the excavation will need to pumped out and properly disposed of. 05/14/07-Vought-Called Farag for update on trench installation and to notify him that spill will be closed and referred to Hess open spill at adjacent site. Vought left message for Farag to return call to DEC. 05/16/07-Vought-Called Farag for update as no call received and told to call 718-424-4157. Vought called Steve Frank (Liro) and left message to return call to DEC and will provide him with contact info for DEC Carlson and Hess (who will be managing remediation of source site). 06/21/07-Vought-Called Frank (718)321-3136x236 for update and left message that case will be closed and referred to open spill for source Hess Station located at 401W207th Street (spill #0201597). Spill closed by Vought.
Remarks: FOUND CONTAMINATED WHILE DIGGING A TRENCH FOUND WEATHERED PRODUCT

Material:
Site ID: 380084
Operable Unit ID: 1137575
Operable Unit: 01
Material ID: 2127525
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

STREET (Continued) **S108636298**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

A5 **ONE QT OIL LEAKED FROM PIPE IN** **NY Spills** **S108636983**
ESE **207 STREET / 9 AVENUE** **N/A**
< 1/8 **MANHATTAN, NY**
0.028 mi.
146 ft. **Site 5 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

NY Spills:

Site ID:	381165
Facility Addr2:	EXCAVATION
Facility ID:	0701614
Spill Number:	0701614
Facility Type:	ER
SWIS:	3101
Investigator:	gdbreen
Referred To:	Not reported
Spill Date:	5/9/2007
Reported to Dept:	5/9/2007
CID:	444
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/8/2007
Remediation Phase:	0
Date Entered In Computer:	5/9/2007
Spill Record Last Update:	11/8/2007
Spiller Name:	ERTSDESK
Spiller Company:	CON EDISON
Spiller Address:	207TH & 9TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	999
Contact Name:	ERTSDESK
Contact Phone:	(212) 580-8383
DEC Region:	2
DER Facility ID:	330558
DEC Memo:	11/08/07 - See eDocs for Con Ed report detailing cleanup and closure. 205759. see eDocs

ONE QT OIL LEAKED FROM PIPE IN (Continued) **S108636983**

Remarks: whjile digging found contaminated soil: coned # 205759

Material:

Site ID:	381165
Operable Unit ID:	1138631
Operable Unit:	01
Material ID:	2128625
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:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

A6 **MERIT SERVICE STATION** **LTANKS** **S104276971**
ESE **401 WEST 207TH STREET** **HIST LTANKS** **N/A**
< 1/8 **NEW YORK CITY, NY** **NY Spills**
0.028 mi.
146 ft. **Site 6 of 12 in cluster A**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	158033
Spill No:	9706124
Spill Date:	8/20/1997
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/30/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	WXSUN
Referred To:	CONSOLIDATED WITH 0201957
Reported to Dept:	8/20/1997
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True

MERIT SERVICE STATION (Continued) **S104276971**

Remediation Phase:	0
Date Entered In Computer:	8/20/1997
Spill Record Last Update:	2/1/2007
Spiller Name:	SAME
Spiller Company:	HESS/MERIT OIL CORP
Spiller Address:	UNK
Spiller City,St,Zip:	UNK, PA
Spiller County:	001
Spiller Contact:	ANDY FORD
Spiller Phone:	(215) 527-7900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	62298
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" PRIMARY SPILL NUMBER FOR THIS SITE: (Ref: 9516087, 9504685, 0010612) 12/9/2003 Reassigned from O'Dowd to Sun. 06/30/04 Site tracked under spill 0201957. See 0201957 for site status. Rommel
Remarks:	CALLER STATES BOTH TANKS FAILED TEST.

Material:

Site ID:	158033
Operable Unit ID:	1052303
Operable Unit:	01
Material ID:	331724
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:	158033
Spill Tank Test:	1545281
Tank Number:	046-047
Tank Size:	4000
Test Method:	20
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	USTest 2000/P/LL plus USTest 2000/U

HIST LTANKS:

Region of Spill:	2
Spill Number:	9706124
Spill Date:	08/20/1997
Spill Time:	10:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Gas Station

MERIT SERVICE STATION (Continued) **S104276971**

Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/20/97
Reported to Department Time:	10:24
SWIS:	62
Spiller Contact:	ANDY FORD
Spiller Phone:	(215) 527-7900
Spiller Extention:	Not reported
Spiller Name:	MERIT OIL CORP
Spiller Address:	UNK
Spiller City,St,Zip:	UNK, PA
Spiller Cleanup Date:	/ /
Facility Contact:	SAME
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-297453
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	08/20/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	08/21/97
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	046-047
Tank Size:	4000
Test Method:	USTest 2000
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	True
Material:	GASOLINE

MERIT SERVICE STATION (Continued) **S104276971**

Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: CALLER STATES BOTH TANKS FAILED TEST.

NY Spills:
Site ID: 158032
Facility Addr2: Not reported
Facility ID: 0201957
Spill Number: 0201957
Facility Type: ER
SWIS: 3101
Investigator: skcarlso
Referred To: SVE/AS TO BE EXPANDED
Spill Date: 5/23/2002
Reported to Dept: 5/23/2002
CID: 15
Spill Cause: Unknown
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: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Remediation Phase: 5
Date Entered In Computer: 5/23/2002
Spill Record Last Update: 2/19/2010
Spiller Name: DAVID LEE
Spiller Company: HESS AMERADA
Spiller Address: 1 HESS PLAZA
Spiller City,St,Zip: WOODBRIDGE, NY 07095-
Spiller Company: 001
Contact Name: DAVID LEE
Contact Phone: (518) 436-6585
DEC Region: 2
DER Facility ID: 133605
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" See 9706124. Rommel 10/28/05: Project reassigned from Sun to Andersen. Reviewed the quarterly report dated 8/19/05. An SVE/AS system has been operation since 1/03. There is still high contaminant concentration and free product in monitoring wells. 1/26/06: 1/25/06 meeting between Quantum, NYSDEC and ET. Fluctuating concentrations. Will wait one more quarter to assess situation. 2/2/06: Reviewed September - November 2005 update report. SVE/AS system is working fine. No product detected this quarter. Max BTEX 63,090 (MW2), max MTBE 175 ppb (MW2). 4/4/06: Reviewed First quarterly 2006 report. Remedial progress is slow. ORM socks installed in MW2 and SVE-4. Large BTEX and MTBE increase in SVE-4. Max BTEX 61,740 ppb (MW2) and max MTBE 1,250 ppb (SVE-4). 7/5/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac, and GSC. MW-2 is not hooked up to the

MERIT SERVICE STATION (Continued) **S104276971**

SVE/AS system because utilities are in the way. ORC can't be used because it is too close to the tanks. 8/1/06: Reviewed second quarterly 2006 report. SVE/AS is operational. Depth to water 7-11 ft. Max BTEX 48,028 (MW2) and max MTBE 726 (SVE-4). Remediation at MW2 has not been resolved yet. 10/31/06: Reviewed the third quarterly 2006 update report. Wells sampled on 8/31/06. Max BTEX 21,677 (MW2) and max MTBE 602 (SVE4). Decreasing trend in contaminant concentrations. The SVE/AS system is operational and effective. ORM socks in MW-2 and SVE-4. 1/17/07: Meeting on 1/16/07 with Hess, Delta, and NYSDEC. Vacuum in AS/SVE3 may be increased to improve remediation in MW2. 2/12/07: Reviewed update report. AS/SVE3 dry. High concentrations remain in MW2. Wells sampled on 11/21/06. Max BTEX 31,253 ppb (MW2), max MTBE 261 ppb (SVE4). Requested that air effluent samples be laboratory analyzed if PID > 5. 4/18/07: New spill number 0700699 was opened when the city found petroleum contamination in the trench during the installation of a new sewer line in the street in front of this station. Spill 0700699 will be closed out once the sewer installation consultant confirms that the contaminated soil removed during the trenching was disposed of off site and not dumped back in the hole. This consultant DID NOT trace any information on the path/source/etc of this contamination. 4/20/07: Spoke to Steve Frank at Liro Engineering regarding Spill 0700699. Product was accumulating in the excavation. The product was fingerprinted (weathered gasoline) and he will send me the laboratory report. I notified Hess that they need to investigate this issue. There is no product on the Hess station, they have had an SVE/AS system in operation since 1/3/2003, and it appears as through the excavation is sidegradient of the Hess station. I am not clear if the product was in the vadose zone or on the groundwater table. The excavation was to a depth of 10 to 15 ft. The trench was sheeted. 4/23/07: See spill 0700699 for info about the sewer excavation: DEC Carlson performed site inspection. The sewer line is being installed at approximately 8 ft below grade. One portion about 10ft long is contains water and floating product.(see pics in edocs) This portion is directly downgradient of the Hess station. The portion with water and product is greater than 8 ft deep, and will have a concrete box and manhole around it. The construction operator reported seeing soil staining when groundwater was encountered at approximately 8 ft below grade. Met with the engineer on site Attef Farag (phone 973-623-2999, email afarag@kseng.com). Met with Hess's consultant, Jonathan Curran from Delta. Tim Fisher from Delta will be managing this incident. I indicated to Attef Farag that the water in the excavation will need to pumped out and properly disposed of. 4/30/07: Received update report. Wells sampled on 2/26/07. LNAPL in MW2 (0.04 ft). The last reported presence of LNAPL was in 8/2005. The SVE/AS system was adjusted to focus on area around MW2. Sent tank test required letter. 5/9/07: Spoke to Steve Crompco (800-646-3161). Tanks will be tested tomorrow at 9am. Tanks last tested 5/25/2002. Tanks and lines are double wall fiberglass. 5/21/07: Received results of tank tightness test - all tanks, lines, leak detector passed. 6/22/07: See spill 0700699. 6/29/07: Sent additional delineation required letter, well required on the eastern side of 9th Avenue by 8/31/07. 7/26/07: Reviewed site status report. Wells sampled on 5/30/07. LNAPL present in MW2 at depth of 0.04 ft. SVE/AS in operation. 9/6/07: Approved monitoring well installation workplan and extension. Well installation and sampling data will be reported in October 2007 site status report. 10/22/07: Reviewed site status report. Wells sampled

MERIT SERVICE STATION (Continued) **S104276971**

on 8/8/07. Off-site MW10 installed on 9/18/07. LNAPL present in MW2 (sheen). Max BTEX 4190 (MW4). Max MTBE 18 ppb (SVE3). SVE/AS in operation. System not operation on July 2007, back in operation in August. Air effluent sample collected in September 2007, benzene within limits. 2/13/08: Reviewed October 2007 - December 2007 Site Status Report. SVE/AS system in operation. Wells sampled on November 6, 2007. Max BTEX 508 ppb (SVE1), max MTBE 23 ppb (SVE3). 5/14/08 - Carlson: May 7th 2008 meeting with Hess and Envirotrac. The Department requested additional delineation around the pump island and product recovery from MW2. Reviewed the first quarterly 2008 update report. Wells sampled on 2/5/08. SVE-1 and SVE-3 were dry. LNAPL in MW2 (0.01 ft). Maximum BTEX concentration 257 ppb (MW4), maximum MTBE concentration 27 ppb (SVE4). SVE/AS in operation. 8/7/08 - Carlson: Reviewed July 2008 Update Report. Wells sampled on 5/6/08. Maximum BTEX concentration 39,950 ppb (MW2). SVE/AS in operation. Two on-site delineation well locations proposed. 8/11/08 - Carlson: Received email from Ed Russo indicating the two additional wells will be installed on 8/18/08. Sent email approving well locations. 10/22/08 - Carlson: Meeting with Hess/Envirotrac. Perform weekly VEFR for one month to evaluate effectiveness. Well installation data will be included in next quarterly report. 11/17/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/26/08. Maximum BTEX concentration 62,360 ppb (MW2). No LNAPL detected this quarter. SVE/AS in operation. Wells MW11 and MW12 were installed 8/18/08. EFR events will be conducted from MW2. 2/20/09 - Carlson: Reviewed January 2009 Update Report. SVE/AS in operation. Weekly EFR from MW2 because of recent sheen. EFR will be conducted monthly henceforth. 3/18/09 - Carlson: Meeting with Hess and Envirotrac. Should another AS well be installed by MW2? 5/7/09 - Carlson: Reviewed April 2009 Update Report. SVE/AS in operation since 2003 - review effectiveness. Monthly EFR from MW2. Wells sampled on 2/25/09. Maximum BTEX concentration 19,277 ppb (MW2). Fluctuating concentrations. 8/7/09 - Carlson: Reviewed update report. SVE/AS down for repair since March. Hess is evaluating installation of additional remedials wells or injection points near MW2 and MW12. 8/19/09 - Carlson: Meeting with Hess. They are evaluating extending system/installing remedial well in MW2 area. Work plan will be submitted by 9/30/09. 11/17/09 - Carlson: Reviewed October 2009 update report. System down for evalutation of extending system to MW2 area. 1/27/2010 - Carlson: Meeting with Hess and Envirotrac. Delineation work plan received, need to review. 2/2/2010 - Carlson: Approved work plan for installation of one monitoring well and 3-4 air sparge wells, depending on site conditions. Results to be submitted in subsequest update report. 2/5/2010 - Carlson: Reviewed 4th Quarter 2009 Update report. SVE/AS down for system upgrade, as per above entry. 2/19/2010 - Carlson: Received notification - drilling scheduled for 2/22/2010.

Remarks: gas spilled at the premise.they will be testing tanks and lines there tommorow to see why spill occurred.

Material:

Site ID:	158032
Operable Unit ID:	852881
Operable Unit:	01
Material ID:	523367
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum

MERIT SERVICE STATION (Continued) **S104276971**

Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

A7
ESE
< 1/8
0.028 mi.
146 ft.

MERIT INWOOD GAS STATION
401 WEST 207TH ST
MANHATTAN, NY

NY Spills **S104496117**
NY Hist Spills **N/A**

Site 7 of 12 in cluster A

Relative:
Lower

Actual:
16 ft.

NY Spills:

Site ID:	274848
Facility Addr2:	Not reported
Facility ID:	0206149
Spill Number:	0206149
Facility Type:	ER
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Spill Date:	9/13/2002
Reported to Dept:	9/13/2002
CID:	15
Spill Cause:	Unknown
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/3/2003
Remediation Phase:	0
Date Entered In Computer:	9/13/2002
Spill Record Last Update:	4/3/2003
Spiller Name:	DAVID LEE
Spiller Company:	HESS 32517
Spiller Address:	401 WEST 207TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001

MERIT INWOOD GAS STATION (Continued) **S104496117**

Contact Name: DAVID LEE
Contact Phone: (518) 436-6585
DEC Region: 2
DER Facility ID: 223558
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 4/3/2003 Hess submitted documentation showing repairs made to their STP sumps and remote fill line. Fuel had accumulated in the sump and the system was tightened and repaired to prevent this leak. Spill Closed
Remarks: contained in stp sump. no call back needed. in process of clean up.

Material:
Site ID: 274848
Operable Unit ID: 858648
Operable Unit: 01
Material ID: 516759
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Site ID: 246119
Facility Addr2: Not reported
Facility ID: 9504685
Spill Number: 9504685
Facility Type: ER
SWIS: 2401
Investigator: WXSUN
Referred To: Not reported
Spill Date: 2/1/1995
Reported to Dept: 7/8/1995
CID: 15
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported

MERIT INWOOD GAS STATION (Continued) **S104496117**

Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/9/2003
Remediation Phase: 0
Date Entered In Computer: 8/2/1995
Spill Record Last Update: 7/19/2005
Spiller Name: Not reported
Spiller Company: MERIT
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 2
DER Facility ID: 202117
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" PRIMARY SPILL NUMBER FOR THIS SITE IS 9706124 FOR NOTES, LOOK AT THAT SPILL NUMBER 12/9/2003 Reassigned from Sangesland to Sun. To be investigated and remediated under Spill # 97-06124.
Remarks: TOOKL SAMPLES FOR DEP - DEWATERING PERMIT FOR GASOLINE COMPONENTS.

Material:
Site ID: 246119
Operable Unit ID: 1019445
Operable Unit: 01
Material ID: 366196
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

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

NY Hist Spills:
Region of Spill: 2
Spill Number: 9504685

MERIT INWOOD GAS STATION (Continued) **S104496117**

Investigator:	ODOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/01/1995 00:01
Reported to Dept Date/Time:	07/08/95 15:25
SWIS:	61
Spiller Name:	MERIT
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	08/02/95
Date Spill Entered In Computer Data File:	Not reported
Update Date:	08/09/95
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported

MERIT INWOOD GAS STATION (Continued) **S104496117**

Last Date: 19940929
DEC Remarks: Not reported
Remark: TOOKL SAMPLES FOR DEP - DEWATERING PERMIT FOR GASOLINE COMPONENTS.

A8 ESE < 1/8 0.028 mi. 146 ft. **MANHOLE #40048** **NY Spills** **S107407406**
207TH ST/9TH AVE **N/A**
MANHATTAN, NY

Site 8 of 12 in cluster A

Relative: Lower

Actual: 16 ft.

NY Spills:

Site ID:	199471
Facility Addr2:	Not reported
Facility ID:	9903956
Spill Number:	9903956
Facility Type:	ER
SWIS:	3101
Investigator:	CAENGELH
Referred To:	Not reported
Spill Date:	7/6/1999
Reported to Dept:	7/6/1999
CID:	252
Spill Cause:	Equipment Failure
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/30/2004
Remediation Phase:	0
Date Entered In Computer:	7/6/1999
Spill Record Last Update:	1/30/2004
Spiller Name:	STEPHEN CRIBBIN
Spiller Company:	MANHOLE #40048
Spiller Address:	207TH ST/9TH AVE
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller Company:	001
Contact Name:	STEPHEN CRIBBIN
Contact Phone:	(212) 580-6763
DEC Region:	2
DER Facility ID:	166023
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" e2mis no. 126144: Found spill approx 5 gal dielectric fluid from cable ends. Found sump, placed pads and diapers around sump. PCB Sample taken. LAB SEQUENCE # 99-06999 AROCLOR - 1260 PCB 4. PPM Cleanup completed on 7-18-99 at 0230 hours. 1-gallon oil removed with absorbants. Stain double washed.
Remarks:	NO WATERWAYS AFFECTED-SAMPLE TAKEN-CLEAN UP PENDING RESULTS- AND AVAILABILITY OF CREW. CON ED #126144

Material:

Site ID:	199471
Operable Unit ID:	1082880

MANHOLE #40048 (Continued) **S107407406**

Operable Unit: 01
Material ID: 303856
Material Code: 0541A
Material Name: DIELECTRIC FLUID
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

A9
ESE
< 1/8
0.028 mi.
146 ft.

HESS STATION
401 WEST 207TH ST
MANHATTAN, NY

NY Spills **S104881227**
NY Hist Spills **N/A**

Site 9 of 12 in cluster A

Relative:
Lower

Actual:
16 ft.

NY Spills:
Site ID: 274847
Facility Addr2: Not reported
Facility ID: 0010612
Spill Number: 0010612
Facility Type: ER
SWIS: 3101
Investigator: WXSUN
Referred To: Not reported
Spill Date: 12/21/2000
Reported to Dept: 12/21/2000
CID: 15
Spill Cause: Human Error
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: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/9/2003
Remediation Phase: 0
Date Entered In Computer: 12/21/2000

HESS STATION (Continued) **S104881227**

Spill Record Last Update:	12/9/2003
Spiller Name:	Not reported
Spiller Company:	AMERADA HESS
Spiller Address:	1 HESS PLAZA
Spiller City,St,Zip:	WOODBRIDGE, NJ 07095-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	(212) 567-9862
DEC Region:	2
DER Facility ID:	223558
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" PRIMARY SPILL NUMBER FOR THIS SITE IS 9706124 FOR ALL NOTES, LOOK THERE. 12/9/2003 Reassigned from Sangesland to Sun. To be investigated and remediated under Spill # 97-06124.
Remarks:	DRILLER DRILLED THRU PRODUCT DISPENSING PIPING - POSS ABOUT 5 GAL - WAS CLEANED UP

Material:

Site ID:	274847
Operable Unit ID:	832645
Operable Unit:	01
Material ID:	544505
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	0010612
Investigator:	ROMMEL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/21/2000 13:30
Reported to Dept Date/Time:	12/21/00 13:56

HESS STATION (Continued) **S104881227**

SWIS:	62
Spiller Name:	AMERADA HESS
Spiller Contact:	Not reported
Spiller Phone:	(732) 750-6000
Spiller Phone:	(212) 567-9862
Spiller Address:	1 HESS PLAZA
Spiller City,St,Zip:	WOODBRIDGE, NJ 07095-
Spill Cause:	Human Error
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	12/21/00
Date Spill Entered In Computer Data File:	Not reported
Update Date:	12/21/00
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929
DEC Remarks:	Not reported
Remark:	DRILLER DRILLED THRU PRODUCT DISPENSING PIPING - POSS ABOUT 5 GAL - WAS CLEANED UP

A10 ESE < 1/8 0.028 mi. 146 ft. | **MANHOLE #40048**
207TH ST/9TH AVE
MANHATTAN, NY | **NY Spills** | **S104192342**
NY Hist Spills | **N/A**

Site 10 of 12 in cluster A

Relative: Lower

Actual: 16 ft.

NY Spills:

Site ID:	92011
Facility Addr2:	Not reported
Facility ID:	0208829
Spill Number:	0208829
Facility Type:	ER
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Spill Date:	11/25/2002
Reported to Dept:	11/26/2002
CID:	396
Spill Cause:	Unknown
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/23/2002
Remediation Phase:	0
Date Entered In Computer:	11/26/2002
Spill Record Last Update:	12/23/2002
Spiller Name:	Not reported
Spiller Company:	NEW YORK CITY TRANSIT AUT
Spiller Address:	370 JAY STREET
Spiller City,St,Zip:	BROOKLYN, NY 11201-
Spiller Company:	001
Contact Name:	PASHKO CAMAJ
Contact Phone:	(718) 243-4581
DEC Region:	2
DER Facility ID:	82639
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" All State Power Vac 718-456-7779 or 800-876-9699 was contracted for clean up. It was a 2’ x 3’ area affected. Spill was vaccumed by contractor. Zhao sujested Pashko to contact NYCDEP to measure the concentrations to make sure clean up complete. Contained and cleaned by NYCT contractor.
Remarks:	all cleaned up. may have come off a truck.

Material:

Site ID:	92011
Operable Unit ID:	860257
Operable Unit:	01
Material ID:	515821
Material Code:	0031A
Material Name:	MERCURY
Case No.:	07439976
Material FA:	Hazardous Material
Quantity:	2

MANHOLE #40048 (Continued) **S104192342**

Units: Pounds
Recovered: 2
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 9903956
Investigator: ENGELHARDT
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/06/1999 12:15
Reported to Dept Date/Time: 07/06/99 13:52
SWIS: 62
Spiller Name: MANHOLE #40048
Spiller Contact: STEPHEN CRIBBIN
Spiller Phone: (212) 580-6763
Spiller Contact: STEPHEN CRIBBIN
Spiller Phone: (212) 580-6763
Spiller Address: 207TH ST/9TH AVE
Spiller City,St,Zip: MANHATTAN
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /

MANHOLE #40048 (Continued) **S104192342**

Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/06/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 07/07/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: DIELECTRIC FLUID
Class Type: DIELECTRIC FLUID
Times Material Entry In File: 41
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: NO WATERWAYS AFFECTED-SAMPLE TAKEN-CLEAN UP PENDING RESULTS- AND AVAILABILITY OF CREW. CON ED 126144

A11 **9TH AVENUE SHOP** **AST** **A100292918**
East **3884 NINTH AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.029 mi.
155 ft. **Site 11 of 12 in cluster A**

Relative:
Lower

Actual:
17 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609046
Program Type: PBS
UTM X: 591300.84149999998
UTM Y: 4524242.6077100001
Expiration Date: 2013/06/24

Tank Number: W/O-1
Tank Id: 66231
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1982
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

9TH AVENUE SHOP (Continued) **A100292918**

Register:	True
Modified By:	dxliving
Last Modified:	4/30/2008

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H99 - Tank Leak Detection - Other
K99 - Spill Prevention - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
J00 - Dispenser - None
E01 - Piping Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
I00 - Overfill - None

Tank Number:	W/O-2
Tank Id:	66232
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1982
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:	dxliving
Last Modified:	4/30/2008

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
K99 - Spill Prevention - Other
G01 - Tank Secondary Containment - Diking (Aboveground)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
E01 - Piping Secondary Containment - Diking (Aboveground)
H99 - Tank Leak Detection - Other
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Affiliation Records:

Site Id:	30893
Affiliation Type:	On-Site Operator
Company Name:	9TH AVENUE SHOP
Contact Type:	Not reported
Contact Name:	NYC TRANSIT
Address1:	Not reported
Address2:	Not reported

9TH AVENUE SHOP (Continued) **A100292918**

City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 243-3449
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	exrossan
Date Last Modified:	5/26/2004

Site Id:	30893
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY TRANSIT
Contact Type:	Not reported
Contact Name:	JENNIFER WUOTINEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	4/1/2010

Site Id:	30893
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY TRANSIT
Contact Type:	Not reported
Contact Name:	JENNIFER WUOTINEN, OSS
Address1:	2 BROADWAY
Address2:	27TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	JENNIFER.WUOTINEN@NYCT.COM
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/12/2010

Site Id:	30893
Affiliation Type:	Owner
Company Name:	NEW YORK CITY TRANSIT
Contact Type:	MANAGER
Contact Name:	JENNIFER WUOTINEN
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004

9TH AVENUE SHOP (Continued) **A100292918**

Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	8/3/2009

A12
East
< 1/8
0.029 mi.
155 ft.

NYCTA - 9TH AVE UNIT SHOP
3884 NINTH AVENUE
NEW YORK, NY 10034

RCRA-CESQG **1000404653**
FINDS **NYD982269573**
MANIFEST
MANIFEST

Site 12 of 12 in cluster A

Relative:
Lower

Actual:
17 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NYCTA - 9TH AVE UNIT SHOP
Facility address:	3884 NINTH AVENUE NEW YORK, NY 10034
EPA ID:	NYD982269573
Mailing address:	370 JAY STREET BROOKLYN, NY 11201
Contact:	JOSEPHINE F BROWN
Contact address:	370 JAY STREET BROOKLYN, NY 11201
Contact country:	US
Contact telephone:	(718) 243-4581
Contact email:	JOBROWN4@NYCT.COM
EPA Region:	02
Land type:	State
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:	NYCT
Owner/operator address:	370 JAY ST - RM 819 BROOKLYN, NY 11201
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/1953
Owner/Op end date:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1953
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYCTA - 9TH AVE UNIT SHOP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/05/2004
Facility name: NYCTA - 9TH AVE UNIT SHOP
Classification: Large Quantity Generator

Date form received by agency: 02/20/2002
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NYCTA-9TH AVENUE UNIT SHOP
Classification: Large Quantity Generator

Date form received by agency: 07/08/1999
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NYCTA - 9TH AVENUE UNIT SHOP
Classification: Not a generator, verified

Date form received by agency: 03/30/1994
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NYCTA / 9TH AVENUE UNIT SHOP
Classification: Large Quantity Generator

Date form received by agency: 03/01/1992
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NYCTA

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NEW YORK CITY TRANSIT AUTHORITY
Classification: Large Quantity Generator

Date form received by agency: 06/29/1987
Facility name: NYCTA - 9TH AVE UNIT SHOP
Site name: NYCTA - 9TH AVENUE UNIT SHOP
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 03/06/2008
Date achieved compliance: 05/23/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/02/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 10/17/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/06/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 05/23/2008
Evaluation lead agency: State

Evaluation date: 10/11/1993
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: 110004416935

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.

MANIFEST:
GEN Cert Date: 6/19/2008
Transporter Recpt Date: 6/19/2008

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Number Of Containers:	4
Container Type:	DM
Waste Code1:	R003
Waste Code2:	D039
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF ID:	RID084802842
TSDF Date:	6/18/2008
Date Imported:	9/29/2008 4:08:25 PM
Transporter 2 Name:	Not reported
Transporter 2 ID:	CTD021816889
Manifest Docket Number:	Not reported
Waste Description:	Not reported
Quantity:	Not reported
WT/Vol Units:	Not reported
Item Number:	Not reported
Transporter Name:	Not reported
Transporter EPA ID:	Not reported
GEN Cert Date:	Not reported
Transporter Recpt Date:	Not reported
Transporter 2 Recpt Date:	Not reported
TSDF Recpt Date:	Not reported
EPA ID:	Not reported
Transporter 2 ID:	Not reported

NY MANIFEST:

EPA ID:	NYD982269573
Country:	USA
Mailing Name:	NYCTA
Mailing Contact:	KEN CADUGAN
Mailing Address:	370 JAY ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11201
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-304-3600

Document ID:	NJA1849092
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:	931104
Trans1 Recv Date:	931104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931104
Part A Recv Date:	931124
Part B Recv Date:	931206
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00432
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	024
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1741326
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:	930804
Trans1 Recv Date:	930804
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930804
Part A Recv Date:	Not reported
Part B Recv Date:	940428
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00303
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	020
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Document ID:	NJA1807123
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	931209
Trans1 Recv Date:	931209
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931209
Part A Recv Date:	931222
Part B Recv Date:	931227
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00373
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	023
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1943571
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:	940621
Trans1 Recv Date:	940621
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940621
Part A Recv Date:	940701
Part B Recv Date:	940719
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00324
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	021
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1816348
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940426
Trans1 Recv Date:	940426
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940426
Part A Recv Date:	940509
Part B Recv Date:	940510
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00357
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	021
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1805323
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940331
Trans1 Recv Date:	940331

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940331
Part A Recv Date:	940412
Part B Recv Date:	940414
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00336
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	021
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1825872
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940317
Trans1 Recv Date:	940317
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940317
Part A Recv Date:	940329
Part B Recv Date:	940330
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00320
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	020
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

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

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	2008-09-11
Trans1 Recv Date:	2008-09-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-09-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	256.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	4.0
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:	08
Manifest Tracking Num:	001523620SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	2008-07-17
Trans1 Recv Date:	2008-07-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	256.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	4.0
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:	08
Manifest Tracking Num:	001269945SKS
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:	NJA0501042
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880921
Trans1 Recv Date:	880921
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880921
Part A Recv Date:	881003
Part B Recv Date:	881007
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01280
Units:	P - Pounds
Number of Containers:	016
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Mgmt Method Type Code: Not reported

Document ID: NJA0504695
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 881116
Trans1 Recv Date: 881116
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881116
Part A Recv Date: 881121
Part B Recv Date: 881125
Generator EPA ID: NYD982269573
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01280
Units: P - Pounds
Number of Containers: 016
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
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NJA0497670
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 881213
Trans1 Recv Date: 881213
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881213
Part A Recv Date: 881223
Part B Recv Date: 881222
Generator EPA ID: NYD982269573
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01360
Units: P - Pounds
Number of Containers: 017

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

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

Document ID:	NJA0620017
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890516
Trans1 Recv Date:	890516
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890517
Part A Recv Date:	890523
Part B Recv Date:	890525
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0564175
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Trans2 State ID:	Not reported
Generator Ship Date:	890623
Trans1 Recv Date:	890623
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890623
Part A Recv Date:	890705
Part B Recv Date:	890629
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0511228
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890207
Trans1 Recv Date:	890207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890207
Part A Recv Date:	890224
Part B Recv Date:	890224
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00720
Units:	P - Pounds
Number of Containers:	012
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

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

Document ID:	NJA1349261
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911220
Trans1 Recv Date:	911220
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911220
Part A Recv Date:	920107
Part B Recv Date:	920114
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01720
Units:	P - Pounds
Number of Containers:	020
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1332593
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911112
Trans1 Recv Date:	911112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911112
Part A Recv Date:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Part B Recv Date:	911119
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02494
Units:	P - Pounds
Number of Containers:	029
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1346247
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911031
Trans1 Recv Date:	911031
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911031
Part A Recv Date:	Not reported
Part B Recv Date:	911114
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01858
Units:	P - Pounds
Number of Containers:	018
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

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

Document ID:	NJA1328622
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911125
Trans1 Recv Date:	911125
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911125
Part A Recv Date:	Not reported
Part B Recv Date:	911205
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01720
Units:	P - Pounds
Number of Containers:	020
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1217449
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910807
Trans1 Recv Date:	910807
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910807
Part A Recv Date:	910820
Part B Recv Date:	910816
Generator EPA ID:	NYD982269573
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

NYCTA - 9TH AVE UNIT SHOP (Continued) **1000404653**

Quantity:	00688
Units:	P - Pounds
Number of Containers:	008
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

B13 **ON STREET** **NY Spills** **S106470016**
South **WEST 206TH ST./9TH AVE (** **N/A**
< 1/8 **MANHATTAN, NY**
0.061 mi.
323 ft. **Site 1 of 13 in cluster B**

Relative:
Lower

Actual:
13 ft.

NY Spills:

Site ID:	103140
Facility Addr2:	Not reported
Facility ID:	0402794
Spill Number:	0402794
Facility Type:	ER
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Spill Date:	6/14/2004
Reported to Dept:	6/14/2004
CID:	444
Spill Cause:	Other
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/28/2004
Remediation Phase:	0
Date Entered In Computer:	6/14/2004
Spill Record Last Update:	6/28/2004
Spiller Name:	CHRIS HAAS
Spiller Company:	ON STREET

ON STREET (Continued) **S106470016**

Spiller Address:	WEST 206TH ST./9TH AVE (
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	CHRIS HAAS
Contact Phone:	(917) 769-1263
DEC Region:	2
DER Facility ID:	91250
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO" 6/29/04 TJD Drum emptied during drum run on 6/23/04. No further action required. Spill closed.
Remarks:	ABANDONED DRUMS OF WASTE OIL, NONE SPILLED

Material:

Site ID:	103140
Operable Unit ID:	884379
Operable Unit:	01
Material ID:	490408
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

C14 **420 WEST 206TH ST OWNERS CORP** **AST** **A100168812**
WSW **420 WEST 206TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.065 mi.
345 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
17 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-147362
Program Type:	PBS
UTM X:	591219.50743
UTM Y:	4524139.5596099999
Expiration Date:	2012/08/26
Tank Number:	001
Tank Id:	19296

420 WEST 206TH ST OWNERS CORP (Continued) **A100168812**

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/14/1947
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	6/11/2007

Equipment Records:

C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Affiliation Records:

Site Id:	4327
Affiliation Type:	Mail Contact
Company Name:	420 W 206 ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	FRANK GARCIA
Address1:	% TOTAL REALTY ASSOCIATES, INC.
Address2:	733 YONKERS AVENUE, SUITE 103
City:	YONKERS
State:	NY
Zip Code:	10704
Country Code:	001
Phone:	(212) 304-0423
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/1/2009

Site Id:	4327
Affiliation Type:	Emergency Contact
Company Name:	420 W 206 ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	WALTER CAMBRELAIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

420 WEST 206TH ST OWNERS CORP (Continued) **A100168812**

Phone:	(212) 304-0423
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4327
Affiliation Type:	Owner
Company Name:	420 W 206 ST OWNERS CORP
Contact Type:	VP
Contact Name:	IRMA COLLAZO
Address1:	BOX 266
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 304-0423
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	6/11/2007

Site Id:	4327
Affiliation Type:	On-Site Operator
Company Name:	420 WEST 206TH ST OWNERS CORP
Contact Type:	Not reported
Contact Name:	WALTER CAMBRELAIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-0423
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

C15 **420 W 206TH ST OWNERS** **NY Spills** **S102239000**
WSW **420 W 206TH ST** **NY Hist Spills** **N/A**
< 1/8 **RIVERDALE, NY**
0.067 mi.
355 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
17 ft.

NY Spills:

Site ID:	269517
Facility Addr2:	Not reported
Facility ID:	9514127
Spill Number:	9514127
Facility Type:	ER
SWIS:	0301
Investigator:	SMMARTIN
Referred To:	Not reported

420 W 206TH ST OWNERS (Continued) **S102239000**

Spill Date:	2/6/1996
Reported to Dept:	2/6/1996
CID:	349
Spill Cause:	Unknown
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/6/1996
Remediation Phase:	0
Date Entered In Computer:	2/6/1996
Spill Record Last Update:	2/26/1996
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:	(212) 304-0423
DEC Region:	2
DER Facility ID:	219507
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	CALLER DID NOT TALK TO DRIVER YET AND DOES NOT KNOW WHAT CAUSED SPILL

Material:

Site ID:	269517
Operable Unit ID:	1028661
Operable Unit:	01
Material ID:	354267
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

420 W 206TH ST OWNERS (Continued) **S102239000**

NY Hist Spills:

Region of Spill:	2
Spill Number:	9514127
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/06/1996 07:30
Reported to Dept Date/Time:	02/06/96 11:42
SWIS:	60
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Phone:	(212) 304-0423
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/06/95
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	02/06/96
Date Spill Entered In Computer Data File:	Not reported
Update Date:	02/26/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	5
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	5
Unkonwn Quantity Recovered:	False

420 W 206TH ST OWNERS (Continued) **S102239000**

Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190
CAS Number:	Not reported
Last Date:	19940728
DEC Remarks:	Not reported
Remark:	CALLER DID NOT TALK TO DRIVER YET AND DOES NOT KNOW WHAT CAUSED SPILL

D16
WNW
< 1/8
0.087 mi.
460 ft.

10TH AVE & 207TH STREET **NY Spills** **S102149664**
10TH AVE / 207TH STREET **NY Hist Spills** **N/A**
NEW YORK, NY

Site 1 of 9 in cluster D

Relative:
Higher

Actual:
20 ft.

NY Spills:

Site ID:	291128
Facility Addr2:	Not reported
Facility ID:	9415475
Spill Number:	9415475
Facility Type:	ER
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	2/27/1995
Reported to Dept:	2/27/1995
CID:	Not reported
Spill Cause:	Equipment Failure
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/20/2004
Remediation Phase:	0
Date Entered In Computer:	4/6/1995
Spill Record Last Update:	12/20/2004
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:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	235744
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGLEHARDT" 12/20/04: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILL OR FIRE NOTIFICATION FORM dated 2/27/95, which states: "TYPE OF SPILL/FIRE AND CAUSE: DIELECTRIC FLUID, LEAKING FROM LOW PRESSURE OIL FILLED CABLE AT A 1/2 GAL/HR RATE. DIELECTRIC FLUID IS NON PCB OIL. ESTIMATED AMOUNT OF SPILL: 5 gallons. CONTAINMENT (DESCRIPTION): MANHOLE # 405. STEPS ARE BEING TAKEN TO REPAIR THE LEAK AND CLEAN UP.

10TH AVE & 207TH STREET (Continued) **S102149664**

3/1/95 0800: Update from Romero CIG. Leak cut and capped. 50 gallons lost. Cleanup scheduled for 3/1/95." Close out. (JHO)

Remarks: SPILL IN MANHOLE, CONTAINED, FLUID FROM CABLE.

Material:

Site ID:	291128
Operable Unit ID:	1008918
Operable Unit:	01
Material ID:	370656
Material Code:	0016A
Material Name:	NON PCB OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	291128
Operable Unit ID:	1008918
Operable Unit:	01
Material ID:	370657
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9415475
Investigator:	ENGLEHARDT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	02/27/1995 08:00
Reported to Dept Date/Time:	02/27/95 08:47

10TH AVE & 207TH STREET (Continued) **S102149664**

SWIS:	62
Spiller Name:	CON EDISON
Spiller Contact:	Not reported
Spiller Phone:	(212) 580-6763
Spiller Address:	128 WEST END AVENUE
Spiller City,St,Zip:	NEW YORK, NY 10023
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	04/06/95
Date Spill Entered In Computer Data File:	Not reported
Update Date:	08/16/95
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	5
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	5
Unkonwn Quantity Recovered:	False
Material:	NON PCB OIL
Class Type:	NON PCB OIL
Times Material Entry In File:	2798
CAS Number:	Not reported
Last Date:	19940928
Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	DIELECTRIC FLUID
Class Type:	DIELECTRIC FLUID

10TH AVE & 207TH STREET (Continued) **S102149664**

Times Material Entry In File: 41
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: SPILL IN MANHOLE, CONTAINED, FLUID FROM CABLE.

D17 **MANHOLE #43436** **NY Spills** **S104507648**
WNW **3871 10TH AVE** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.090 mi.
473 ft. **Site 2 of 9 in cluster D**

Relative:
Higher

Actual:
20 ft.

NY Spills:

Site ID:	329919
Facility Addr2:	Not reported
Facility ID:	9904135
Spill Number:	9904135
Facility Type:	ER
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	7/8/1999
Reported to Dept:	7/8/1999
CID:	15
Spill Cause:	Equipment Failure
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/20/1999
Remediation Phase:	0
Date Entered In Computer:	7/8/1999
Spill Record Last Update:	6/2/2000
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 ERVING PL
Spiller City,St,Zip:	MANHATTAN, NY 10003-
Spiller Company:	001
Contact Name:	STEPHEN CRIBBIN
Contact Phone:	(212) 580-6763
DEC Region:	2
DER Facility ID:	265438
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" Con ed e2mis notes: Found spill approx 6 oz cable oil from burnout on feeder cable. Sump in structure, sump pump not running. Oil absorbent and baloneys placed around sump. Oil filled equipment: PILC. Sample taken and enroute to astoria chem lab. Chem lab reports the sample taken is no good due to improper jar used. will have to be retested by area u.g. Cleanup completed. 6oz oil removed with absorbent. stain double washed. Oil treated as 50-499 ppm.
Remarks:	APPROX 6 OUNCES OF DIELECTRIC FLUID-NO SEWERS OR WATERWAYS AFFECTED

MANHOLE #43436 (Continued) **S104507648**

SAMPLE TAKEN - CLEANUP PENDING RESULTS - CON ED #126241

Material:

Site ID:	329919
Operable Unit ID:	1083077
Operable Unit:	01
Material ID:	304028
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9904135
Investigator:	O'CONNELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	07/08/1999 10:45
Reported to Dept Date/Time:	07/08/99 13:34
SWIS:	62
Spiller Name:	CON ED
Spiller Contact:	CALLER
Spiller Phone:	( ) -
Spiller Contact:	STEPHEN CRIBBIN
Spiller Phone:	(212) 580-6763
Spiller Address:	4 ERVING PL
Spiller City,St,Zip:	MANHATTEN, NY 10003-
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /

MANHOLE #43436 (Continued) **S104507648**

Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/20/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/08/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/02/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: DIELECTRIC FLUID
Class Type: DIELECTRIC FLUID
Times Material Entry In File: 41
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Con ed e2mis notes: Found spill approx 6 o cable oil from burnout on feeder cable. Sump in structure, sump pump not running. Oil absorbent and baloneys placed around sump. Oil filled equipment: PILC. Sample taken and enroute to astoria chemlab. Chem lab reports the sample taken is no good due to improper jar used. will have to be retested by area u.g. Cleanup completed. 6o oil removed with absorbent. stain double washed. Oil treated as 50-499 ppm.
Remark: APPROX 6 OUNCES OF DIELECTRIC FLUID-NO SEWERS OR WATERWAYS AFFECTED SAMPLE TAKEN - CLEANUP PENDING RESULTS - CON ED 126241

B18 **333 EAST 206TH ST./ST. BR** **LTANKS** **S104275483**
SSE **333 EAST 206TH ST.** **HIST LTANKS** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.095 mi.
501 ft. **Site 2 of 13 in cluster B**

Relative:
Lower

Actual:
10 ft.

LTANKS:
Site ID: 251982
Spill No: 8705619
Spill Date: 10/3/1987
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

333 EAST 206TH ST./ST. BR (Continued) **S104275483**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/26/1993
Facility Addr2:	Not reported
Cleanup Ceased:	7/26/1993
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	10/3/1987
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/5/1987
Spill Record Last Update:	2/15/1994
Spiller Name:	Not reported
Spiller Company:	ST. BRENDAN'S CHURCH
Spiller Address:	333 EAST 206TH ST.
Spiller City,St,Zip:	BX, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206478
DEC Memo:	Not reported
Remarks:	2500 GAL. TANK FAILED TEST, HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE,AND RETEST. CONTACT: FR. BOYLE (212) 547-6655.

Material:

Site ID:	251982
Operable Unit ID:	911744
Operable Unit:	01
Material ID:	468205
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	251982
Spill Tank Test:	1531821
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills

333 EAST 206TH ST./ST. BR (Continued) **S104275483**

Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8705619
Spill Date:	10/03/1987
Spill Time:	17:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/26/93
Cleanup Ceased:	07/26/93
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/03/87
Reported to Department Time:	19:43
SWIS:	60
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ST. BRENDAN'S CHURCH
Spiller Address:	333 EAST 206TH ST.
Spiller City,St,Zip:	BX, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 547-6655
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-346632
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/05/87
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/15/94
Is Updated:	False

Tank:

PBS Number:	Not reported

333 EAST 206TH ST./ST. BR (Continued) **S104275483**

Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 07/26/93: TANK WAS REMOVED IN 6/88 BY BAYSHORE ENVIRONMENTAL .
Spill Cause: 2500 GAL. TANK FAILED TEST, HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE,AND RETEST. CONTACT: FR. BOYLE 212) 547-6655.

D19 **3852-3856 10TH AVENUE** **AST** **A100173354**
West **3856 10TH AVE** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.095 mi.
502 ft. **Site 3 of 9 in cluster D**

Relative:
Higher

Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-268836
Program Type: PBS
UTM X: 591115.48513000004
UTM Y: 4524256.0715600001
Expiration Date: 2010/10/26

Tank Number: 001
Tank Id: 13537
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Equipment Records:
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping

3852-3856 10TH AVENUE (Continued) **A100173354**

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	11221
Affiliation Type:	Owner
Company Name:	CONFE RALTY CORP.
Contact Type:	MANAGING AGENT
Contact Name:	CONFE REALTY CORP
Address1:	708 W. 177TH ST., SUITE AA
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10033
Country Code:	001
Phone:	(212) 740-2347
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/9/2005

Site Id:	11221
Affiliation Type:	Emergency Contact
Company Name:	CONFE RALTY CORP.
Contact Type:	Not reported
Contact Name:	KITTY HUANG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 740-2347
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11221
Affiliation Type:	Mail Contact
Company Name:	CONFE REALTY CORP.
Contact Type:	Not reported
Contact Name:	KITTY HUANG
Address1:	708 W. 177TH ST.
Address2:	SUITE AA
City:	NEW YORK
State:	NY
Zip Code:	10033
Country Code:	001
Phone:	(212) 740-2347

3852-3856 10TH AVENUE (Continued) **A100173354**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11221
Affiliation Type:	On-Site Operator
Company Name:	3852-3856 10TH AVENUE
Contact Type:	Not reported
Contact Name:	CONFE REALTY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 740-2347
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

D20 **MAN HOLE # 406** **NY Spills** **S105141703**
NNW **10TH AVE / POST AVE** **NY Hist Spills** **N/A**
< 1/8 **MANHATTEN, NY**
0.100 mi.
526 ft. **Site 4 of 9 in cluster D**

Relative:
Equal

Actual:
19 ft.

NY Spills:

Site ID:	87881
Facility Addr2:	Not reported
Facility ID:	0105510
Spill Number:	0105510
Facility Type:	ER
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	8/21/2001
Reported to Dept:	8/21/2001
CID:	233
Spill Cause:	Unknown
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/6/2006
Remediation Phase:	0
Date Entered In Computer:	8/21/2001
Spill Record Last Update:	9/7/2006
Spiller Name:	UNKNOWN

MAN HOLE # 406 (Continued) **S105141703**

Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	80456
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ" 9/6/06 - See e-docs for spill closure documentation. (JHO) Not reported
Remarks:	con ed # 139038 spill confined in man hole on 200 gallons of water clean up pending lab results no to all 5 questions

Material:

Site ID:	87881
Operable Unit ID:	843870
Operable Unit:	01
Material ID:	533974
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	0105510
Investigator:	RODRIGUEZ
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	08/21/2001 10:00
Reported to Dept Date/Time:	08/21/01 15:25
SWIS:	62
Spiller Name:	UNK
Spiller Contact:	UNK

MAN HOLE # 406 (Continued) **S105141703**

Spiller Phone: (000) 000-0000
Spiller Address: UNK
Spiller City,St,Zip: UNK
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/21/01
Date Spill Entered In Computer Data File: Not reported
Update Date: 10/12/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Con Ed e2mis Notes: 8/21/01 5gal unknown oil on 200gal water. Manhole will be inspected after it has been pumped. Treating as 50-499ppm PCB. Clean Harbors cleaned hole. DEC Inspector Notes: 10/12/01 Sample results? How was cleanup completed? Was there any company equipment involved?
Remark: con ed 139038 spill confined in man hole on 200 gallons of water clean up pending lab results no to all 5 questions

E21 SSW < 1/8 0.103 mi. 544 ft. | **425 WEST 205TH ST CORP**
425 WEST 205TH ST
NEW YORK, NY 10034

AST **U003386423**
HIST AST **N/A**

Site 1 of 5 in cluster E

Relative: Lower

Actual: 13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-241164
Program Type:	PBS
UTM X:	591181.64020999998
UTM Y:	4524086.5768100005
Expiration Date:	2012/06/30
Tank Number:	001
Tank Id:	9914
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1947
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	8/23/2007

Equipment Records:

A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other

Affiliation Records:

Site Id:	9172
Affiliation Type:	On-Site Operator
Company Name:	425 WEST 205TH ST CORP
Contact Type:	Not reported
Contact Name:	ROGELIO TRAVIESO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5387
Phone Ext:	Not reported

425 WEST 205TH ST CORP (Continued) **U003386423**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9172
Affiliation Type:	Owner
Company Name:	425 WEST 205TH ST CORP
Contact Type:	PRES
Contact Name:	CARL YOUNG
Address1:	500 FIFTH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	13318-1935
Country Code:	001
Phone:	(212) 840-1919
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/23/2007

Site Id:	9172
Affiliation Type:	Mail Contact
Company Name:	425 WEST 205TH ST CORP
Contact Type:	Not reported
Contact Name:	CARL S. YOUNG
Address1:	350 FIFTH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10118
Country Code:	001
Phone:	(212) 594-8870
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9172
Affiliation Type:	Emergency Contact
Company Name:	425 WEST 205TH ST CORP
Contact Type:	Not reported
Contact Name:	CARL S YOUNG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 594-8870
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

425 WEST 205TH ST CORP (Continued) **U003386423**

Date Last Modified: 3/4/2004

HIST AST:

PBS Number:	2-241164
SWIS Code:	6201
Operator:	ROGELIO TRAVIESO
Facility Phone:	(212) 569-5387
Facility Addr2:	425 WEST 205TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	CARL S YOUNG
Emergency Tel:	(212) 594-8870
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	425 WEST 205TH ST CORP
Owner Address:	500 FIFTH AVE
Owner City,St,Zip:	NEW YORK, NY 13318-1935
Federal ID:	Not reported
Owner Tel:	(212) 840-1919
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	CARL S. YOUNG
Mailing Name:	425 WEST 205TH ST CORP
Mailing Address:	350 FIFTH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10118
Mailing Telephone:	(212) 594-8870
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:	06/23/1997
Expiration:	06/30/2002
Renew Flag:	False
Renew 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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

425 WEST 205TH ST CORP (Continued) **U003386423**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Other
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

F22 **3852-6 10TH AVE/RAMIERO** **LTANKS** **S106703594**
West **3852-6 10TH AVE** **HIST LTANKS** **N/A**
< 1/8 **NYC, NY**
0.104 mi.
550 ft. **Site 1 of 3 in cluster F**

Relative:
Equal

Actual:
19 ft.

LTANKS:

Site ID:	204008
Spill No:	9110175
Spill Date:	12/27/1991
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	12/31/1991
Facility Addr2:	Not reported
Cleanup Ceased:	12/31/1991
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	12/27/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/8/1992
Spill Record Last Update:	5/19/2004
Spiller Name:	Not reported
Spiller Company:	COASTAL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

3852-6 10TH AVE/RAMIERO (Continued) **S106703594**

DER Facility ID: 169640
DEC Memo: Not reported
Remarks: COASTAL TEAM CONTAINING, MILRO TEAM ENROUTE TO CLEAN.

Material:
Site ID: 204008
Operable Unit ID: 960173
Operable Unit: 01
Material ID: 567547
Material Code: 0003
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9110175
Spill Date: 12/27/1991
Spill Time: 09:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 12/31/91
Cleanup Ceased: 12/31/91
Cleanup Meets Standard: True
Investigator: SULLIVAN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/27/91
Reported to Department Time: 11:13

3852-6 10TH AVE/RAMIERO (Continued) **S106703594**

SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	COASTAL
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/08/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/12/92
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	300
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190
CAS Number:	Not reported
Last Date:	19940728
DEC Remarks:	Not reported
Spill Cause:	COASTAL TEAM CONTAINING, MILRO TEAM ENROUTE TO CLEAN.

B23 SSW < 1/8 0.105 mi. 552 ft. | **407 WEST 205TH STREET**
407 WEST 205TH STREET
NEW YORK, NY 10034

Site 3 of 13 in cluster B

AST | **U003385108**
HIST AST | **N/A**

Relative: Lower

Actual: 12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-129925
Program Type:	PBS
UTM X:	591208.12494999997
UTM Y:	4524071.5827400004
Expiration Date:	2012/12/04
Tank Number:	001
Tank Id:	5080
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	2/1/1981
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	6/15/2009

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	4056
Affiliation Type:	On-Site Operator
Company Name:	407 WEST 205TH STREET
Contact Type:	Not reported
Contact Name:	NOBERTO ROZON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

407 WEST 205TH STREET (Continued) **U003385108**

Phone:	(212) 942-0365
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/5/2009

Site Id:	4056
Affiliation Type:	Mail Contact
Company Name:	YORKSHIRE MGT.CORP
Contact Type:	Not reported
Contact Name:	MORREY A. FORMAN
Address1:	775 BROOKLYN AVE.
Address2:	SUITE103
City:	BALDWIN
State:	NY
Zip Code:	11510
Country Code:	001
Phone:	(516) 868-5224
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/15/2009

Site Id:	4056
Affiliation Type:	Owner
Company Name:	407-205 LLC
Contact Type:	AGENT
Contact Name:	MORREY A. FORMAN
Address1:	775 BROOKLYN AVE, SUITE103
Address2:	Not reported
City:	BALDWIN
State:	NY
Zip Code:	11510
Country Code:	001
Phone:	(516) 868-5224
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/5/2009

Site Id:	4056
Affiliation Type:	Emergency Contact
Company Name:	407-205 LLC
Contact Type:	Not reported
Contact Name:	YORKSHIRE MGT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 987-6570
Phone Ext:	Not reported
Email:	Not reported

407 WEST 205TH STREET (Continued) **U003385108**

Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/5/2009

HIST AST:

PBS Number:	2-129925
SWIS Code:	6201
Operator:	VERTICO ROZON
Facility Phone:	(212) 304-2462
Facility Addr2:	407 WEST 205TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	PALE MGMT CO.
Emergency Tel:	(212) 496-1001
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	407-205 ASSOCIATES
Owner Address:	132 WEST 81ST STREET
Owner City,St,Zip:	NEW YORK, NY 10024
Federal ID:	Not reported
Owner Tel:	(212) 362-2221
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SCOTT LEISNER
Mailing Name:	PALE MANAGEMENT
Mailing Address:	200 WEST 72ND STREET
Mailing Address 2:	ROOM #61
Mailing City,St,Zip:	NEW YORK, NY 10023
Mailing Telephone:	(212) 496-1001
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:	05/20/1997
Expiration:	05/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	19810201
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

407 WEST 205TH STREET (Continued) **U003385108**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

E24 **WEST 205TH STREET REALTY CO. LLC** **AST** **U003387658**
SSW **410-430 W 205 ST** **HIST AST** **N/A**
< 1/8 **NY, NY 10034**
0.105 mi.
554 ft. **Site 2 of 5 in cluster E**

Relative:
Lower

Actual:
13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-198307
Program Type:	PBS
UTM X:	591172.62350999995
UTM Y:	4524073.7204999998
Expiration Date:	2012/07/10
Tank Number:	001
Tank Id:	12346
Tank Location:	4
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	11/1/1947
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination

WEST 205TH STREET REALTY CO. LLC (Continued) **U003387658**

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
F01 - Pipe External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping

Affiliation Records:

Site Id:	6567
Affiliation Type:	Mail Contact
Company Name:	WEST 205TH STREET REALTY CO. LLC
Contact Type:	Not reported
Contact Name:	WAITER CZOLACZ
Address1:	616 PALISADE AVE
Address2:	Not reported
City:	ENGLEWOOD CLIFFS
State:	NJ
Zip Code:	07632
Country Code:	001
Phone:	(718) 601-8268
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6567
Affiliation Type:	On-Site Operator
Company Name:	WEST 205TH STREET REALTY CO. LLC
Contact Type:	Not reported
Contact Name:	JONATHAN FERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 825-3213
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	6/18/2007

Site Id:	6567
Affiliation Type:	Emergency Contact
Company Name:	WEST 205TH STREET REALTY CO. LLC
Contact Type:	Not reported
Contact Name:	JONATHAN FERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 825-3213

WEST 205TH STREET REALTY CO. LLC (Continued) **U003387658**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	6/18/2007

Site Id:	6567
Affiliation Type:	Owner
Company Name:	WEST 205TH STREET REALTY CO. LLC
Contact Type:	MANAGING AGENT
Contact Name:	WALTER CZOLACZ
Address1:	616 PALISADE AVE
Address2:	Not reported
City:	ENGLEWOOD CLIFFS
State:	NJ
Zip Code:	07632
Country Code:	001
Phone:	(718) 601-8268
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	6/18/2007

HIST AST:

PBS Number:	2-198307
SWIS Code:	6201
Operator:	SENEN PALERMO
Facility Phone:	(212) 942-3406
Facility Addr2:	410 W 205 ST
Facility Type:	APARTMENT BUILDING
Emergency:	SENEN PALERMO
Emergency Tel:	(212) 942-3406
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	WEST 205TH STREET REALTY CO. LLC
Owner Address:	616 PALISADE AVE
Owner City,St,Zip:	ENGLEWOOD CLIFFS, NJ 07632
Federal ID:	Not reported
Owner Tel:	(718) 601-8268
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	RUTH SHACHNOW
Mailing Name:	WEST 205TH STREET REALTY CO. LLC
Mailing Address:	616 PALISADE AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ENGLEWOOD CLIFFS, NJ 07632
Mailing Telephone:	(718) 601-8268
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:	07/15/1997
Expiration:	07/10/2002

WEST 205TH STREET REALTY CO. LLC (Continued) **U003387658**

Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND 10% OR MORE BELOW GROUND
Tank Status:	In Service
Install Date:	19471101
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

B25 **403 WEST 205TH ST** **AST** **U003392909**
SSW **403 WEST 205TH ST** **HIST AST** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.106 mi.
557 ft. **Site 4 of 13 in cluster B**

Relative:
Lower

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-266353
Program Type:	PBS
UTM X:	591213.98282999999
UTM Y:	4524068.2133799996
Expiration Date:	2012/03/21
Tank Number:	001

403 WEST 205TH ST (Continued) **U003392909**

Tank Id:	25624
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1940
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	2/20/2007

Equipment Records:

B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)

Affiliation Records:

Site Id:	11006
Affiliation Type:	Owner
Company Name:	MIRIAM YEDID REALTY LLC
Contact Type:	MGR
Contact Name:	MIRIAM YEDID REALTY LLC
Address1:	448 AVE W
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11223
Country Code:	001
Phone:	(718) 339-7979
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/20/2007

Site Id:	11006
Affiliation Type:	Mail Contact
Company Name:	MIRIAM YEDID REALTY LLC
Contact Type:	Not reported
Contact Name:	DAVID TOBAL
Address1:	448 AVE W
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11223

403 WEST 205TH ST (Continued) **U003392909**

Country Code:	001
Phone:	(718) 339-7979
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11006
Affiliation Type:	On-Site Operator
Company Name:	MIRIAM YEDID REALTY LLC
Contact Type:	Not reported
Contact Name:	LOUISE PENA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 522-0272
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/20/2007

Site Id:	11006
Affiliation Type:	Emergency Contact
Company Name:	MIRIAM YEDID REALTY LLC
Contact Type:	Not reported
Contact Name:	DAVID TOBAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 339-7979
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-266353
SWIS Code:	6201
Operator:	MARK REALTY CO
Facility Phone:	(212) 367-1200
Facility Addr2:	403 WEST 205TH ST
Facility Type:	Not reported
Emergency:	H S C MANAGEMENT CORP
Emergency Tel:	(212) 543-2800
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported

403 WEST 205TH ST (Continued) **U003392909**

Owner Name:	MARK REALTY CO
Owner Address:	141 SOUTH CENTRAL AVE
Owner City,St,Zip:	HARTSDALE, NY 10530
Federal ID:	Not reported
Owner Tel:	(212) 367-1200
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	EDWIN TORRES
Mailing Name:	H.S.C. MANAGEMENT CORP.
Mailing Address:	5919 RIVERDALE AVE.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10471
Mailing Telephone:	(212) 367-1200
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:	10/26/1992
Expiration:	10/23/1997
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 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
Tank Containment:	Diking
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

403 WEST 205TH ST (Continued) **U003392909**

Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

B26 **MANHATTAN BIBLE CHURCH INC** **HIST UST** **U001835969**
SSW **401 W 205TH ST** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.106 mi.
559 ft. **Site 5 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

HIST UST:

PBS Number:	2-197432
SPDES Number:	Not reported
Emergency Contact:	EDWARD TORRES
Emergency Telephone:	(917) 279-8978
Operator:	MANHATTAN BIBLE CHURCH INC
Operator Telephone:	(212) 567-2276
Owner Name:	MANHATTAN BIBLE CHURCH INC
Owner Address:	401 W 205TH ST
Owner City,St,Zip:	NEW YORK, NY 10034
Owner Telephone:	(212) 567-2276
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MANHATTAN BIBLE CHURCH INC
Mailing Address:	401 W 205TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Telephone:	(212) 567-2276
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:	401 W 205TH ST
SWIS ID:	6201
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:	04/02/1998
Expiration Date:	07/20/2002
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:	62
Town or City:	01
Region:	2

MANHATTAN BIBLE CHURCH INC (Continued) **U001835969**

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

B27 **MANHATTAN BIBLE CHURCH INC** **UST** **U004076939**
SSW **401 W 205TH ST** **N/A**
< 1/8 **NEW YORK, NY 10034**
0.106 mi.
559 ft. **Site 6 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

UST:

Facility Id:	2-197432
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/07/20
UTM X:	591216.86893999996
UTM Y:	4524066.5836899998
Site ID:	6490
Tank Number:	001
Tank ID:	16873
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	2/2/1989
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	DXLIVING

MANHATTAN BIBLE CHURCH INC (Continued) **U004076939**

Last Modified: 4/10/2007

Equipment Records:

J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	6490
Affiliation Type:	Owner
Company Name:	MANHATTAN BIBLE CHURCH INC
Contact Type:	FACILITIES ADMINISTRATOR
Contact Name:	WILLIAM LOPEZ
Address1:	401 W 205TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-2276
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/10/2007

Site Id:	6490
Affiliation Type:	On-Site Operator
Company Name:	MANHATTAN BIBLE CHURCH INC
Contact Type:	Not reported
Contact Name:	MANHATTAN BIBLE CHURCH INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-2276
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6490
Affiliation Type:	Mail Contact
Company Name:	MANHATTAN BIBLE CHURCH INC
Contact Type:	FACILITIES ADMINISTRATOR
Contact Name:	WILLIAM LOPEZ
Address1:	401 W 205TH ST

MANHATTAN BIBLE CHURCH INC (Continued) **U004076939**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-2276
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/10/2007

Site Id:	6490
Affiliation Type:	Emergency Contact
Company Name:	MANHATTAN BIBLE CHURCH INC
Contact Type:	Not reported
Contact Name:	WILLIAM LOPEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 787-8864
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	4/10/2007

G28 **315 EAST 206TH ST/BX** **NY Spills** **S104495258**
SSE **315 EAST 206TH STREET** **NY Hist Spills** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.106 mi.
562 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
8 ft.

NY Spills:

Site ID:	66997
Facility Addr2:	Not reported
Facility ID:	9008108
Spill Number:	9008108
Facility Type:	ER
SWIS:	0301
Investigator:	WILSON
Referred To:	Not reported
Spill Date:	10/24/1990
Reported to Dept:	10/24/1990
CID:	15
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	10/24/1990
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported

315 EAST 206TH ST/BX (Continued) **S104495258**

Spill Closed Dt:	10/24/1990
Remediation Phase:	0
Date Entered In Computer:	11/1/1990
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	64082
DEC Memo:	Not reported
Remarks:	SPEEDY DRY USED, PICKED UP & DISPOSED OF.

Material:

Site ID:	66997
Operable Unit ID:	945312
Operable Unit:	01
Material ID:	431938
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9008108
Investigator:	WILSON
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	10/24/1990 14:00
Reported to Dept Date/Time:	10/24/90 16:06
SWIS:	60

315 EAST 206TH ST/BX (Continued) **S104495258**

Spiller Name:	Not reported
Spiller Contact:	Not reported
Spiller Phone:	(212) 519-0084
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	10/24/90
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Not reported
Spill Closed Dt:	10/24/90
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	11/01/90
Date Spill Entered In Computer Data File:	Not reported
Update Date:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#4 FUEL OIL
Class Type:	#4 FUEL OIL
Times Material Entry In File:	1751
CAS Number:	Not reported
Last Date:	19941205
DEC Remarks:	Not reported
Remark:	SPEEDY DRY USED, PICKED UP DISPOSED OF.

B29 **NY Spills** **S106006484**
SSW **3835 9TH AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.107 mi.
564 ft. **Site 7 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

NY Spills:

Site ID:	269427
Facility Addr2:	Not reported
Facility ID:	0204986
Spill Number:	0204986
Facility Type:	ER
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Spill Date:	8/12/2002
Reported to Dept:	8/12/2002
CID:	15
Spill Cause:	Other
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/13/2002
Remediation Phase:	0
Date Entered In Computer:	8/12/2002
Spill Record Last Update:	8/13/2002
Spiller Name:	Not reported
Spiller Company:	BOBBIES FISH & SEAFOOD
Spiller Address:	3842 9TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	219432
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 8/13/2002 - Sangesland spoke with Jose Garcia of Bobby's Fish & Seafood (212-304-9440). He said the cooler in the van broke and it was rotted food dripping out the back door. The van had been cleaned out already. DEC requested Mr. Garcia to wash down the street with some soap & water.
Remarks:	CALLER REPORTS A VAN PARKED AT BUSINESS LEAKS UNK SUBSTANCE TO STREET.

Material:

Site ID:	269427
Operable Unit ID:	857746
Operable Unit:	01
Material ID:	519201
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0

(Continued) **S106006484**

Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

B30
SSW
< 1/8
0.107 mi.
564 ft.

ONE QT OIL IN MH 40038 (TIDAL)
WEST 205 STREET / 9 AVENUE
MANHATTAN, NY

NY Spills **S109060370**
N/A

Site 8 of 13 in cluster B

Relative:
Lower

Actual:
11 ft.

NY Spills:
Site ID: 394617
Facility Addr2: Not reported
Facility ID: 0712932
Spill Number: 0712932
Facility Type: ER
SWIS: 3101
Investigator: gdbreen
Referred To: Not reported
Spill Date: 3/8/2008
Reported to Dept: 3/8/2008
CID: 74
Spill Cause: Unknown
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: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/12/2008
Remediation Phase: 0
Date Entered In Computer: 3/8/2008
Spill Record Last Update: 5/12/2008
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 205TH ST/9TH AVE
Spiller City,St,Zip: MANHATTAN, NY
Spiller Company: 001
Contact Name: ERT DESK

ONE QT OIL IN MH 40038 (TIDAL) (Continued) **S109060370**

Contact Phone:	(212) 580-8383
DEC Region:	2
DER Facility ID:	344176
DEC Memo:	05/12/08 - See eDocs for Con Ed report detailing cleanup and closure. 210215. see eDocs
Remarks:	13: 00 discovered to be a possible tidal manhole - water coming into the manhole (1 block from river) 1 quart - not cleaned up - pending resources con ed #210215 NRC 864419

Material:

Site ID:	394617
Operable Unit ID:	1151570
Operable Unit:	01
Material ID:	2142313
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:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

B31 **VAULT 1734** **NY Spills** **S104285164**
SSW **9TH AV / W 205TH ST** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.107 mi.
564 ft. **Site 9 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

NY Spills:

Site ID:	229866
Facility Addr2:	Not reported
Facility ID:	9911453
Spill Number:	9911453
Facility Type:	ER
SWIS:	3101
Investigator:	JHOCONNE
Referred To:	Not reported
Spill Date:	12/31/1999
Reported to Dept:	12/31/1999
CID:	211
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

VAULT 1734 (Continued) **S104285164**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/17/2000
Remediation Phase:	0
Date Entered In Computer:	12/31/1999
Spill Record Last Update:	5/22/2000
Spiller Name:	RICHARD ROACH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	RICHARD ROCHE
Contact Phone:	(212) 580-6764
DEC Region:	2
DER Facility ID:	189460
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" CON ED E2 MIS REPORT 12/31/99 A spill of 8 gals. of transformer oil from a transformer due to a bottom leak. A PCB sample was taken and sign #10720 was placed... there is no water, visual movement, fire or smoke. No sump a sper Mannino, no conduit plate 77-E to verify. DEC INSPECTOR NOTES Called Mike Kessler 1/07/00 to request te following info. Analysis: Transformer Drained?: Capacity: Final Cleanup: Ok
Remarks:	TRANSFORMER LEAKED - SAMPLE TAKEN CLEAN UP PENDING RESULTS - SPILL CONTAINED IN VAULT CON ED 129453

Material:

Site ID:	229866
Operable Unit ID:	1090147
Operable Unit:	01
Material ID:	296912
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

VAULT 1734 (Continued) **S104285164**

Test Method: Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9911453
Investigator:	O'CONNELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/31/1999 10:30
Reported to Dept Date/Time:	12/31/99 11:46
SWIS:	62
Spiller Name:	CON ED
Spiller Contact:	RICHARD ROACH
Spiller Phone:	(212) 580-6763
Spiller Contact:	RICHARD ROCHE
Spiller Phone:	(212) 580-6764
Spiller Address:	4 IRVING PL
Spiller City,St,Zip:	NEW YORK, NY -
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	03/17/00
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	12/31/99
Date Spill Entered In Computer Data File:	Not reported
Update Date:	05/22/00
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	8

VAULT 1734 (Continued) **S104285164**

Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: TRANSFORMER OIL
Class Type: TRANSFORMER OIL
Times Material Entry In File: 533
CAS Number: Not reported
Last Date: 19940926
DEC Remarks: CON ED E2 MIS REPORT 12/31/99 A spill of 8 gals. of transformer oil from a transformer due to a bottom leak. A PCB sample was taken and sign 10720 was placed... there is no water, visual movement, fire or smoke. No sump a sper Mannino, no conduit plate 77-E to verify. DEC INSPECTOR NOTES Called Mike Kessler 1/07/00 to request te following info. Analysis: Transformer Drained?: Capacity: Final Cleanup: Ok
Remark: TRANSFORMER LEAKED - SAMPLE TAKEN CLEAN UP PENDING RESULTS - SPILL CONTAINED IN VAULT CON ED 129453

B32 **VAULT V1734** **NY Spills** **S104509125**
SSW **205TH ST / 9TH AV** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.107 mi.
564 ft. **Site 10 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

NY Spills:
Site ID: 218544
Facility Addr2: Not reported
Facility ID: 9911939
Spill Number: 9911939
Facility Type: ER
SWIS: 3101
Investigator: COMENALE
Referred To: Not reported
Spill Date: 1/14/2000
Reported to Dept: 1/14/2000
CID: 365
Spill Cause: Unknown
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: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/20/2000
Remediation Phase: 0
Date Entered In Computer: 1/14/2000
Spill Record Last Update: 8/16/2000
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: 100 FT NW OF 205TH ST
Contact Phone: Not reported

VAULT V1734 (Continued) **S104509125**

DEC Region:	2
DER Facility ID:	180800
DEC Memo:	Not reported
Remarks:	third party spill - 1 pint - all cleaned up - ref #129614

Material:

Site ID:	218544
Operable Unit ID:	1086464
Operable Unit:	01
Material ID:	297372
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:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9911939
Investigator:	COMENALE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	01/14/2000 13:45
Reported to Dept Date/Time:	01/14/00 15:28
SWIS:	62
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Contact:	100 FT NW OF 205TH ST
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Affected Persons

VAULT V1734 (Continued) **S104509125**

PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/20/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 01/14/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/16/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 1
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: UPDATE ON 1/19/00 FROM CRIBBIN TWICE AND JOE A. ONCE ON SITE. SOIL OUTSIDE VAULT CONTAMINATED AND INVESTIGATION GOING ON. ENTERING THE VAUAL AND REMOVING SOME WALL TO VERIFY THEIR OIL. COMENALE E2MIS notes: 1/14/00- In process of clean up from previous spill incident 129-453) found oil in sump pit with oil leaking from crack in same. Approx. amount was 1 ounce. Found capped sewer connection in sump. 1/15/00- oil sample results 47 ppm PCB. Oil ID d as similar to lubricating oil . 1/16/00- checked vautl found no oil leaking through crack in sump wall. 1/18/00- Found 1 quart oil had leached through the drack in the sump wall. Oil was contained to sump pit. 1/19/00- break out wall of sump to determine source of oil. Oil started to come in at heavier rate and found soil saturated. ERT Joe Arcoleo spoke with DEC representative and instructed to install absprbent pads in sump pit and follow up to check pads. 1/21/00- removed 15 oil saturated pads from structure and installed 14 new clean pads. 1/24/00-removed 14 oil absorbent pads saturated and installed 15 new clean pads. 1/26/00- removed 15 pads. 8 saturated with oil, 7 not saturated. Installed 19 new pads. 1/31/00- Removed 15 pads/ 1/2 of 1 pads saturated withoil. 15 new pads installed. 2/2/00- removed 15 pads. 1 pad had oil stain approx. 5 inches in diameter.Installed 15 new pads. 2/4/00- 1 pad had oil stain approx. 4 inches in diameter, pad was removed. Installed 1 new

VAULT V1734 (Continued) **S104509125**

pad. 2/6/00- Found 1 pads with two 1 inch diameter oil stains. Removed all pads and replaced with 2 pads. 2/8/00- Found 1 pads with two 3/4 inch oil stains. Installed 1 new pad. 2/14/00- Found one 3/4 inch stain on one pad. Replaced pad. 2/21/00 -Found 1 1/2 inch stain on one pad. Replaced pad. 2/23/00- Found 1 inch oil stain on pad - replaced pad. 2/25/00- Found approx. 1 inch oil stain on one pad. Replaced pad. 2/28/00- Found 1 inch stain on pad. Repalced pad. 4/24/00- Instructed by G. Kat , Remediation to seal sump pit as per DEC. No specific instruction from DEC how to seal sump. 4/28/00- Sump sealed with hydraulic cement. 4/29/00- Structure inspected - no sign of oil leaking through patch. 5/9/00- Clean up completed. 1 drum clean up debris removed from location to 110th St. Yard. 5/15/00- Structure inspected - no sign of oil leaking through patch. O CONNELL NOTES: 4/20/00 - Site visit accompanied by Glen Kat , Brian McGeever Con Ed). Was told histiry of sump leakage. Told them to ceal sump, send me documentation of same and I will close out spill.

Remark: third party spill - 1 pint - all cleaned up - ref 129614

B33 **WEST 205 ST. & 9TH AVE.** **ERNS** **2008864419**
SSW **WEST 205 ST. & 9TH AVE.** **N/A**
< 1/8 **NEW YORK, NY**
0.107 mi.
565 ft. **Site 11 of 13 in cluster B**

Relative:
Lower

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

Actual:
11 ft.

B34 **CON EDISON** **RCRA-CESQG** **1012184953**
SSW **W 205 ST & 9 AVE** **NYP004157202**
< 1/8 **NEW YORK, NY 10040**
0.107 mi.
565 ft. **Site 12 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

RCRA-CESQG:

Date form received by agency:	03/09/2008
Facility name:	CON EDISON
Facility address:	W 205 ST & 9 AVE NEW YORK, NY 10040
EPA ID:	NYP004157202
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	MICHAEL D'AGOSTINO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 580-8383
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

CON EDISON (Continued) **1012184953**

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

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	Unknown
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	Unknown
Underground injection activity:	Unknown
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	Unknown
Used oil processor:	Unknown
User oil refiner:	Unknown
Used oil fuel marketer to burner:	Unknown
Used oil Specification marketer:	Unknown
Used oil transfer facility:	Unknown
Used oil transporter:	Unknown
Off-site waste receiver:	Commercial status unknown

Violation Status: No violations found

B35 **CONSOLIDATED EDISON OF NY** **MANIFEST** **S109584462**
SSW **W. 205 ST / 9 AVE** **N/A**
< 1/8 **NEW YORK, NY 10040**
0.107 mi.
565 ft. **Site 13 of 13 in cluster B**

Relative:
Lower

Actual:
11 ft.

NY MANIFEST:

EPA ID:	NYP004157202
Country:	USA
Mailing Name:	CONSOLIDATED EDISON OF NY
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE
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

NY MANIFEST:

No Manifest Records Available

G36 SSE < 1/8 0.113 mi. 598 ft. | **HARLEM RIVER BRIDGES**
300 WEST 206TH STREET
NEW YORK, NY 10034

Site 2 of 3 in cluster G

UST | **U001833827**
HIST UST | **N/A**

Relative: Lower

Actual: 3 ft.

UST:

Facility Id:	2-242179
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	591357.51254999998
UTM Y:	4524069.9891600003
Site ID:	9262

Tank Number:	001
Tank ID:	145221
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1952
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/5/1995
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number:	001-A
Tank ID:	145226
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	7/1/2003
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True

HARLEM RIVER BRIDGES (Continued) **U001833827**

Modified By: TRANSLAT
Last Modified: 3/4/2004

Equipment Records:

J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 002
Tank ID: 10027
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1952
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 11/1/1994
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 003
Tank ID: 10028
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1952
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 11/1/1994
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True

HARLEM RIVER BRIDGES (Continued) **U001833827**

Modified By: TRANSLAT
Last Modified: 3/4/2004

Equipment Records:

B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

Affiliation Records:

Site Id: 9262
Affiliation Type: Owner
Company Name: NYC DEPARTMENT OF TRANSPORTATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 40 WORTH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (212) 566-1125
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9262
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF TRANSPORTATION
Contact Type: Not reported
Contact Name: DOT CONTROL RM.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 442-7070
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9262
Affiliation Type: Mail Contact
Company Name: N.Y.C. D.O.T.
Contact Type: Not reported
Contact Name: VIVIAN MARCOVICI
Address1: 69-46 SYBILLA STREET

HARLEM RIVER BRIDGES (Continued) **U001833827**

Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 793-7186
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9262
Affiliation Type:	On-Site Operator
Company Name:	HARLEM RIVER BRIDGES
Contact Type:	Not reported
Contact Name:	FACILITY MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5100
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-242179
SPDES Number:	Not reported
Emergency Contact:	DOT CONTROL RM
Emergency Telephone:	(212) 442-7070
Operator:	FACULTY MANAGER
Operator Telephone:	(212) 569-5100
Owner Name:	NYC DOT
Owner Address:	40 WORTH ST
Owner City,St,Zip:	NY, NY 10013
Owner Telephone:	(212) 566-1125
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	NYC DOT FACILITIES MAINTENANCE
Mailing Address:	69-46 SYBILLA STR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOREST HILLS, NY 11375
Mailing Contact:	VIVIAN MARCOVICI
Mailing Telephone:	(718) 793-7186
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:	300 W 206TH ST
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	Not reported

HARLEM RIVER BRIDGES (Continued) **U001833827**

Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/02/1997
Expiration Date:	06/30/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19521201
Capacity (gals):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
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:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19521201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

HARLEM RIVER BRIDGES (Continued) **U001833827**

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:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19521201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

H37 **TRAIN MAINTAINANCE FACILI** **NY Spills** **S104880025**
NNW **3900 AVE 10** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.115 mi.
608 ft. **Site 1 of 5 in cluster H**

Relative:
Higher

Actual:
20 ft.

NY Spills:

Site ID:	105523
Facility Addr2:	Not reported
Facility ID:	0008710
Spill Number:	0008710
Facility Type:	ER
SWIS:	3101
Investigator:	MCTIBBE

TRAIN MAINTAINANCE FACILI (Continued) **S104880025**

Referred To:	Not reported
Spill Date:	10/26/2000
Reported to Dept:	10/26/2000
CID:	390
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/5/2001
Remediation Phase:	0
Date Entered In Computer:	10/26/2000
Spill Record Last Update:	10/19/2005
Spiller Name:	DENNIS RAMDAHIN
Spiller Company:	TRAIN MAINTAINANCE FACILI
Spiller Address:	3900 AVE 10
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller Company:	001
Contact Name:	DENNIS RAMDAHIN
Contact Phone:	(718) 243-4581
DEC Region:	2
DER Facility ID:	93076
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" PIPE BROKE DURING MAINTENANCE WORK IN THE BOILER ROOM. CONTAINED AND CLEANED BY NYCT.
Remarks:	small pipe at the boiler broke - all cleaned up

Material:

Site ID:	105523
Operable Unit ID:	829305
Operable Unit:	01
Material ID:	546213
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported

TRAIN MAINTAINANCE FACILI (Continued) **S104880025**

Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 0008710
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/26/2000 11:00
Reported to Dept Date/Time: 10/26/00 12:55
SWIS: 62
Spiller Name: TRAIN MAINTAINANCE FACILI
Spiller Contact: DENNIS RAMDAHIN
Spiller Phone: (718) 243-4581
Spiller Contact: DENNIS RAMDAHIN
Spiller Phone: (718) 243-4581
Spiller Address: 3900 AVE 10
Spiller City,St,Zip: MANHATTAN
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/05/01
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/26/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 04/05/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum

TRAIN MAINTAINANCE FACILI (Continued) **S104880025**

Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	10
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190
CAS Number:	Not reported
Last Date:	19940728
DEC Remarks:	PIPE BROKE DURING MAINTENANCE WORK IN THE BOILER ROOM. CONTAINED AND CLEANED BY NYCT.
Remark:	small pipe at the boiler broke - all cleaned up

G38 **HARLEM RIVER FACILITY** **LTANKS** **S104501355**
SSE **300 206 STREET** **HIST LTANKS** **N/A**
< 1/8 **MANHATTAN, NY** **NY Spills**
0.115 mi. **NY Hist Spills**
609 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
2 ft.

LTANKS:

Site ID:	243745
Spill No:	0104067
Spill Date:	7/17/2001
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/18/2007
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	AXDORONO
Referred To:	REQUEST FOR SPILL CLOSURE
Reported to Dept:	7/17/2001
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/17/2001
Spill Record Last Update:	12/26/2007
Spiller Name:	Not reported
Spiller Company:	NYC DOT
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	LUCILLE FITZGERALD
Spiller Phone:	(516) 485-0000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	200203
DEC Memo:	06/14/2007: This spill case was transferred to A. Doronova. AD 06/19/2007: Reviewed Tank Closure report. It states that: On July 16, 2003 one 3,000 gallon fuel oil UST was permanently abandoned in-place

HARLEM RIVER FACILITY (Continued) **S104501355**

at the Harlem River Bridge site. It is DDC site. Visual inspection of the tank reveled no evidence of leakage. Since the tank was closed in place, post tank closure soil samples were not collected. However four soil borings, SB-01 through SB-04, were performed adjacent to UST on August 11, 2003. Analytical results of sampling revealed the presence of residual concentrations of VOCs in two of the four samples and SVOCs in one of the four samples, all at concentrations below ASCs (Allowable Soil Concentration). Based on the data consultant (Shaw) requested NFA for this spill. In lab data method detection limit is elevated and varies all the time for the same compound depending of the soil boring. Have to ask J. Kolleeny. AD Sent an email to A. Samani (DDC) with the request for additional soil and groundwater investigation in the vicinity of the closed in-place fuel oil UST. (cc: J. Kolleeny; T. Ahmad; J. Staten and H. Roberts). AD 09/17/2007: Received Additional Site Subsurface Investigation Work Plan dated September 17, 2007, submitted by URS. The plan proposes installation of two monitoring wells on the eastern and western sides of abandoned in-place UST. It states that monitoring wells cannot be installed north and south of the USt, because West 206th Street and a existing building located immediately north and south of the UST. URC proposes to collect soil and groundwater samples and analyze them for VOCs and SVOCs. Monitoring wells also will be surveyed for location and elevation. According to the Tank Closure Report, submitted by Shaw earlier, four soil borings were advanced around the fuel oil UST for collecting end-point samples. Soil samples from borings on the northern and southern sides of the UST indicated elevated concentrations of SVOCs. This data indicates, that installation of monitoring wells to the north and south of UST is feasible. Have to speak to J. Staten of URS. AD 09/27/2007: Spoke with J. Staten regarding feasibility of installation of the wells on the northern and southern sides of UST. She said that it involves obtaining a street permit, traffic plan and other procedures. I asked, if it possible to relocate MW-01 close to the UST. I sent a Figure 3 with indication of new location of MW-01 to Jane by fax. AD 12/17/2007: Received Field Investigation Summary and Request for Spill Closure from URS. The summary states that on October 16, 2007 two monitoring wells were installed at the approved locations. Two soil samples were collected from each well borehole at 3 to 5 feet bgs and 7 to 9 feet bgs. The analytical data indicated presence of trace levels of VOCs and SVOCs at concentrations below TAGM #4046 soil guidance values. On November 14, 2007, groundwater samples were collected from wells MW-01 and MW-02. According to labresults, presence of any VOCs or SVOCs were not detected in the sampled groundwater. Based on the data, URS recommended closure of the spill case. AD 12/18/2007: Spoke with J. Kolleeny regarding this site. Sent a No Further Action letter to A. Samani (cc: J.Kolleeny; M.Asbagh; H.Roberts and J.Staten). PDF version is in eDocs. AD

Remarks: gross failure.

Material:

Site ID:	243745
Operable Unit ID:	840688
Operable Unit:	01
Material ID:	532573
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported

HARLEM RIVER FACILITY (Continued) **S104501355**

Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	243745
Spill Tank Test:	1526461
Tank Number:	1
Tank Size:	3000
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	0104067
Spill Date:	07/17/2001
Spill Time:	10:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	DEMEO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/17/01
Reported to Department Time:	12:13
SWIS:	62
Spiller Contact:	LUCILLE FITZGERALD
Spiller Phone:	(516) 485-0000
Spiller Extention:	Not reported
Spiller Name:	NYC DOT
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported

HARLEM RIVER FACILITY (Continued) **S104501355**

Spill Notifier: Tank Tester
PBS Number: 2-242179
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/17/01
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/17/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 3000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: gross failure.

NY Spills:
Site ID: 175857
Facility Addr2: Not reported
Facility ID: 9515576
Spill Number: 9515576
Facility Type: ER
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Spill Date: 3/4/1996
Reported to Dept: 3/4/1996
CID: 15
Spill Cause: Other
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: Penalty Not Recommended

HARLEM RIVER FACILITY (Continued) **S104501355**

UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/22/1996
Remediation Phase:	0
Date Entered In Computer:	3/4/1996
Spill Record Last Update:	5/11/2004
Spiller Name:	SAME
Spiller Company:	DOT
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	001
Contact Name:	MIKE ILIAKIS
Contact Phone:	(212) 569-5100
DEC Region:	2
DER Facility ID:	147808
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" NO SPILL.
Remarks:	they removed 2 550 gallon tanks from the dot facility. nothing was spilled removal date was april 5 1995.

Material:

Site ID:	Not reported
Operable Unit ID:	Not reported
Operable Unit:	Not reported
Material ID:	Not reported
Material Code:	Not reported
Material Name:	Not reported
Case No.:	Not reported
Material FA:	Not reported
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9515576
Investigator:	KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported

HARLEM RIVER FACILITY (Continued) **S104501355**

Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	03/04/1996 16:27
Reported to Dept Date/Time:	03/04/96 16:33
SWIS:	62
Spiller Name:	DOT
Spiller Contact:	SAME
Spiller Phone:	Not reported
Spiller Contact:	MIKE ILIAKIS
Spiller Phone:	(212) 569-5100
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spill Cause:	Other
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	01
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/22/96
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	03/04/96
Date Spill Entered In Computer Data File:	Not reported
Update Date:	05/07/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Not reported
Quantity Spilled:	Not reported
Unkonwn Quantity Spilled:	Not reported
Units:	Not reported
Quantity Recovered:	Not reported
Unkonwn Quantity Recovered:	Not reported
Material:	Not reported
Class Type:	Not reported
Times Material Entry In File:	Not reported
CAS Number:	Not reported
Last Date:	Not reported
DEC Remarks:	NO SPILL.
Remark:	they removed 2 550 gallon tanks from the dot facility. nothing was spilled

HARLEM RIVER FACILITY (Continued) **S104501355**

removal date was april 5 1995.

F39 **NAGLE AV** **NY Spills** **S103274876**
WSW **204 TH ST** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.117 mi.
619 ft. **Site 2 of 3 in cluster F**

Relative:
Lower

Actual:
18 ft.

NY Spills:

Site ID:	83940
Facility Addr2:	Not reported
Facility ID:	9802755
Spill Number:	9802755
Facility Type:	ER
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Spill Date:	6/2/1998
Reported to Dept:	6/2/1998
CID:	211
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/4/1998
Remediation Phase:	0
Date Entered In Computer:	6/2/1998
Spill Record Last Update:	3/25/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	LORETTA DANGELO
Contact Phone:	(516) 379-1500
DEC Region:	2
DER Facility ID:	77225
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" FAX TO ECS. CLEANED BY BELL ATLANTIC.
Remarks:	CALLER WAS CONTACTED BY BELL ATLANTIC TO PUMP MANHOLE OUT AND DISCOVERED AN OIL SHEEN ON TOP OF WATER -CLEAN UP CREW IS ON SCENE

Material:

Site ID:	83940
Operable Unit ID:	1063409
Operable Unit:	01
Material ID:	321075
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum

NAGLE AV (Continued) **S103274876**

Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9802755
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	06/02/1998 10:00
Reported to Dept Date/Time:	06/02/98 11:08
SWIS:	62
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Contact:	LORETTA DANGELO
Spiller Phone:	(516) 379-1500
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Unknown
Reported to Dept:	In Sewer
Water Affected:	Not reported
Spill Source:	12
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /

NAGLE AV (Continued) **S103274876**

Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/02/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/02/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: FAX TO ECS
Remark: CALLER WAS CONTACTED BY BELL ATLANTIC TO PUMP MANHOLE OUT AND DISCOVERED AN OIL SHEEN ON TOP OF WATER -CLEAN UP CREW IS ON SCENE

D40 **BUSINESS** **LTANKS** **S107410652**
WNW **513 WEST 207TH STREET** **N/A**
< 1/8 **NEW YORK, NY**
0.118 mi.
621 ft. **Site 5 of 9 in cluster D**

Relative:
Higher

Actual:
21 ft.

LTANKS:
Site ID: 353294
Spill No: 0507807
Spill Date: 9/29/2005
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/15/2006
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 9/29/2005
CID: 15
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False

BUSINESS (Continued) **S107410652**

Remediation Phase: 0
Date Entered In Computer: 9/29/2005
Spill Record Last Update: 3/15/2006
Spiller Name: MARLON JOESPH
Spiller Company: BUSINESS
Spiller Address: 513 WEST 207TH STREET
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: MARLON JOESPH
Spiller Phone: (718) 624-4842
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 300614
DEC Memo: TTF letter sent to: Chase Bank 1 Chase Plaza - 23rd Flr New York, NY 10081 Attn: Jack Fucich 03/01/06 Sharif Rahman- TTF letter was resent to AUDUBON PARTNERSHIP FOR ECONOMIC 513 West 207th Street New York, NY 10034 Attn: Carmen Diaz Fax:(212)544-0248 03/15/06 Sharif Rahman- Rec'd report from PTC. The tank is under the sidewalk. Lines run aboveground.The sidewalk was opened up and tank was emptied and cleaned out.Three holes were drilled through the bottom of the tank, a sample was taken from each hole. Samples were VOC/SVOC non detect.
Remarks: dry portion leak, above liquid leak:

Material:
Site ID: 353294
Operable Unit ID: 1110756
Operable Unit: 01
Material ID: 2100796
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 353294
Spill Tank Test: 1549349
Tank Number: 1
Tank Size: 3000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 9/29/2005
Test Method: Horner EZ Check I or II

D41 WNW < 1/8 0.118 mi. 621 ft. | **AUDUBON PARTNERSHIP**
513 WEST 207TH STREET
NEW YORK, NY 10034

Site 6 of 9 in cluster D

UST **U001836601**
HIST UST **N/A**

Relative: Higher

Actual: 21 ft.

UST:

Facility Id:	2-289647
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	591097.63684000005
UTM Y:	4524343.1166399997
Site ID:	13053
Tank Number:	001
Tank ID:	18906
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	3/21/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/7/2006

Equipment Records:

L00 - Piping Leak Detection - None
J02 - Dispenser - Suction
E00 - Piping Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	13053
Affiliation Type:	On-Site Operator
Company Name:	AUDUBON PARTNERSHIP
Contact Type:	Not reported
Contact Name:	ALBERTINA CABRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

AUDUBON PARTNERSHIP (Continued) **U001836601**

Country Code:	001
Phone:	(212) 544-2400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/7/2006

Site Id:	13053
Affiliation Type:	Owner
Company Name:	LUIS A. MIRANDA
Contact Type:	CHAIR PERSON
Contact Name:	LUIS A. MIRANDA
Address1:	105 PAYSON AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-9148
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/7/2006

Site Id:	13053
Affiliation Type:	Mail Contact
Company Name:	AUDUBON PARTNERSHIP FOR
Contact Type:	Not reported
Contact Name:	CARMEN DIAZ
Address1:	ECONOMIC DEVELOPMENT LDC
Address2:	513 WEST 207TH STREET
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 544-2400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/7/2006

Site Id:	13053
Affiliation Type:	Emergency Contact
Company Name:	AUDUBON PARTNERSHIP FOR ECONOMIC DEVELP
Contact Type:	Not reported
Contact Name:	WALTHER DELGADO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 771-6566
Phone Ext:	Not reported

AUDUBON PARTNERSHIP (Continued) **U001836601**

Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	11/1/2005

HIST UST:

PBS Number:	2-289647
SPDES Number:	Not reported
Emergency Contact:	JACK FUCICH
Emergency Telephone:	(212) 552-5377
Operator:	CHASE BANK
Operator Telephone:	(212) 567-8120
Owner Name:	CHEMICAL BANK
Owner Address:	1 CHASE PLAZA
Owner City,St,Zip:	NEW YORK, NY 10081
Owner Telephone:	(212) 622-8078
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CHASE BANK
Mailing Address:	1 CHASE PLAZA
Mailing Address 2:	23RD FLOOR
Mailing City,St,Zip:	NEW YORK, NY 10081
Mailing Contact:	JACK FUCICH
Mailing Telephone:	(212) 552-5377
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	513 WEST 207TH ST
SWIS ID:	6201
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:	12/21/1998
Expiration Date:	12/14/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported

AUDUBON PARTNERSHIP (Continued) **U001836601**

Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Vent Whistle
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

D42 **COMMERCIAL BLDG** **LTANKS** **S107489073**
WNW **513 W. 207TH ST.** **N/A**
< 1/8 **NEW YORK, NY**
0.118 mi.
621 ft. **Site 7 of 9 in cluster D**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Site ID:	355301
Spill No:	0509515
Spill Date:	11/8/2005
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/16/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	11/8/2005
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/8/2005
Spill Record Last Update:	8/16/2006
Spiller Name:	MARLON JOSEPH
Spiller Company:	COMMERCIAL BLDG
Spiller Address:	513 W. 207TH ST.
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001

COMMERCIAL BLDG (Continued) **S107489073**

Spiller Contact: MARLON JOSEPH
Spiller Phone: (646) 772-7949
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 305314
DEC Memo: PBS 2-289647 Need to send a TTF letter Nov. 25, 2005 A "Tank Test Failure Letter" was sent to: Mr. Walter Delgado Audubon Partnershipp for Economic Devel 513 West 207th Street New York, NY 10034 05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin. 6/22/06 - Raphael Ketani. I called up Joe at PTC (718) 624-4842. He said that this is an old case (spill happened 11/8/05) and that he will have Diana call me back. The tank is 2000 gal., contained #2 fuel oil, and is listed as in service. 7/5/06 - Raphael Ketani. I reached Diana. She gave me the phone number to Audubon (212) 544-2400. She said that they had a failed tank only test, abandoned the tank in place with slurry, had 2 275 gal. tanks installed in place, and other work. I called Audubon and was told to call Carmen Diaz after 12 noon. Ms. Diaz called me back to say that her contractor had sent her documents for the abandonmnent of the tank and other items. She asked which documents I needed. I told her I needed a revised PBS application for the 2000 gal. tank and any documents regarding cleanup and soil removal. She said she will call her vendor and get back to me. 7/11/06 - Raphael Ketani. I received a call from Nora Hines of the Audubon Partnership. She said that she was the assistant for Ms. Diaz. She said she had a bunch of papers that she could send me copies of regarding the work that was done at the site. Ms. Hines went through the list of documents, but none were the ones I needed. I checked the PBS record and the tank is still listed as in service. I told Ms. Hines that I needed a revised PBS application to show that the tank is abandoned and a report from PTC describing the abandonment work and the removal of any contamination. She said she will talk to Ms. Diaz on monday when she comes back and get the proper paperwork. 7/13/06 - Raphael Ketani. Ms. Hines FAXed me a copy of the current PBS record, and the failing tank test results (in the dry portion). I still need an official document regarding abandonment of the tank (and any cleanup that was needed) and a revised PBS application. 7/20/06 - Raphael Ketani. I spoke to Ms. Diaz regarding the revised PBS application and the official letter regarding the abandonment of the tank and the replacement. She said that the person who normally handles these documents is on vacation and will be back on monday. She said she will get me these documents. 7/25/06 - Raphael Ketani. Ms. Albertina Cabrera, assistant to Ms. Diaz, called up to ask what documents I needed from the Audubon Partnership. I told her that I needed a revised PBS and a letter describing the cleanup and the tank abandonment. She said she will send it. 8/15/06 - Raphael Ketani. Mark Salamack of PTC (718) 624-4842 called regarding the site. He said that he will submit to me a cover letter explaining what went on at the site, with soil test results, tanks test results, and a revised PBS application. 8/16/06 - Raphael Ketani. I received a FAX late yesterday from Mr. Salamack regarding the site. The FAX consisted of a letter to Sharif Rahman dated March 9, 2006 from PTC, soil analytical data, a site map, a copy of Mr. Rahman's tank test failure letter, and a copy of the closed record from the publicly accessible spill database. Mr. Rahman's spill case record number was 0507807 and was initiated due to a failed tank test for a 2000 gal. #2 fuel oil tank. His case was initiated on 9/29/05 and closed on 3/15/06. The case that I have,

COMMERCIAL BLDG (Continued) **S107489073**

#0509515, also lists a 2000 gal. #2 fuel oil tank for the same site. This case was opened on 11/8/05 due to a tank test failure. The two cases appear to be exactly the same and are for the same site. I called up Mr. Salamack and he said that what they normally do is test the tank system first and then isolate the tank and test it alone. This would explain the two test dates. Based upon the documentation mentioned above that I received from Mr. Salamack, I am closing the spill case.

Remarks: System test was done in October 2005 and failed. Tank was then evacuated and the holes in the line were plugged. A tank test was done today and it failed again. Now they are looking for a new tank and abandon the old one. (No release)

Material:

Site ID:	355301
Operable Unit ID:	1112668
Operable Unit:	01
Material ID:	2102713
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	355301
Spill Tank Test:	1549497
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	11/8/2005
Test Method:	Horner EZ Check I or II

H43 **ON THE STREET** **NY Spills** **S108982609**
NNW **ISHAM STREET / 10TH** **N/A**
< 1/8 **MANHATTEN, NY**
0.124 mi.
655 ft. **Site 2 of 5 in cluster H**

Relative:
Equal

Actual:
19 ft.

NY Spills:

Site ID:	392959
Facility Addr2:	Not reported
Facility ID:	0711470
Spill Number:	0711470
Facility Type:	ER
SWIS:	3101
Investigator:	rvketani
Referred To:	Not reported
Spill Date:	1/31/2008

ON THE STREET (Continued) **S108982609**

Reported to Dept:	1/31/2008
CID:	444
Spill Cause:	Deliberate
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/31/2008
Remediation Phase:	0
Date Entered In Computer:	1/31/2008
Spill Record Last Update:	1/31/2008
Spiller Name:	MANUEL GERRERO
Spiller Company:	ON THE STREET
Spiller Address:	ISHAM STREET & 10TH
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	MANUEL GERRERO
Contact Phone:	(212) 942-4351
DEC Region:	2
DER Facility ID:	342552
DEC Memo:	1/31/08 - Raphael Ketani. I contacted the Terry Bung of the DEP. He said he didn't have any other information than what was on the spill report. I tried contacting the citizen, Manuel Gerrero, at (212) 942-4351. However, when I spoke to a guy at this number, he said it was the wrong number, Mr. Gerrero isn't at this phone, and that he knew nothing about the spill. I contacted NYC DOS operations and gave them the location of the oil changing. They said they will check it out. Based upon my inability to reach Mr. Gerrero for further information and DOS's willingness to respond, I am closing the spill case.
Remarks:	CHANGING OIL IN STREET

Material:

Site ID:	392959
Operable Unit ID:	1149935
Operable Unit:	01
Material ID:	2140497
Material Code:	0015
Material Name:	Motor Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported

ON THE STREET (Continued) **S108982609**

Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

H44
NNW
< 1/8
0.124 mi.
655 ft.

AUTO REPAIR SHOP
10TH AVE / ISHAM ST
MANHATTEN, NY

NY Spills **S108981057**
N/A

Site 3 of 5 in cluster H

Relative:
Equal

Actual:
19 ft.

NY Spills:

Site ID:	390830
Facility Addr2:	Not reported
Facility ID:	0709713
Spill Number:	0709713
Facility Type:	ER
SWIS:	3101
Investigator:	hrpatel
Referred To:	Not reported
Spill Date:	12/10/2007
Reported to Dept:	12/10/2007
CID:	444
Spill Cause:	Other
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported
Spill Closed Dt:	12/10/2007
Remediation Phase:	0
Date Entered In Computer:	12/10/2007
Spill Record Last Update:	12/10/2007
Spiller Name:	MANUEL CUSTODIUS
Spiller Company:	AUTO REPAIR SHOP
Spiller Address:	10TH AVE & ISHAM ST
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	999
Contact Name:	MANUEL CUSTODIUS
Contact Phone:	(921) 294-2435
DEC Region:	2
DER Facility ID:	340441
DEC Memo:	12/10/07-Hiralkumar Patel. contact number for Mr. Custodius is wrong. no contact info. insufficient information. case closed.
Remarks:	THEY DUMP OIL ON GROUND AT ABOVE ADDRESS

Material:

Site ID:	390830
Operable Unit ID:	1147924
Operable Unit:	01

AUTO REPAIR SHOP (Continued) **S108981057**

Material ID:	2138405
Material Code:	0015
Material Name:	Motor Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

H45 **MANHOLE #407M** **NY Spills** **S103938890**
NNW **10TH AV / ISHAM ST** **NY Hist Spills** **N/A**
< 1/8 **MANHATTAN, NY**
0.124 mi.
655 ft. **Site 4 of 5 in cluster H**

Relative:
Equal

Actual:
19 ft.

NY Spills:

Site ID:	265291
Facility Addr2:	Not reported
Facility ID:	9903526
Spill Number:	9903526
Facility Type:	ER
SWIS:	3101
Investigator:	COMENALE
Referred To:	Not reported
Spill Date:	6/28/1999
Reported to Dept:	6/28/1999
CID:	255
Spill Cause:	Equipment Failure
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:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/18/2000
Remediation Phase:	0
Date Entered In Computer:	6/28/1999
Spill Record Last Update:	6/6/2000

MANHOLE #407M (Continued) **S103938890**

Spiller Name:	Not reported
Spiller Company:	UKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	STEVE ROMERO
Contact Phone:	(212) 580-6763
DEC Region:	2
DER Facility ID:	216178
DEC Memo:	Not reported
Remarks:	Coming from feeders - unknown exact source - cleanup pending test results Con Ed #125788

Material:

Site ID:	265291
Operable Unit ID:	1078105
Operable Unit:	01
Material ID:	303441
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9903526
Investigator:	COMENALE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	06/28/1999 01:30
Reported to Dept Date/Time:	06/28/99 02:30
SWIS:	62
Spiller Name:	UKNOWN
Spiller Contact:	Not reported
Spiller Phone:	Not reported

MANHOLE #407M (Continued) **S103938890**

Spiller Contact: STEVE ROMERO
Spiller Phone: (212) 580-6763
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/18/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/28/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/06/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 7
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIELECTRIC FLUID
Class Type: DIELECTRIC FLUID
Times Material Entry In File: 41
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: con ed e2mis notes: 6-7 gallons of transmission feeder. Approx 20 gallons of water in manhole. Connection not verified. Dielectric fluid 7 gal. Found spill of approx 6-7 gallons of transmission feeder dielectric fluid mixed with approx 20gallons water in manhole 407M, on the west side of tenth ave. A small oil spill is a spill of oil containing less than 50 ppm pcbs. pcb concentration: greater than 50 ppm, amount spilled/discovered: 7 gal, 20 gals water. When was spill discovered? Date: 6-28-99, Time: 01:30
Remark: Coming from feeders - unknown exact source - cleanup pending test results Con Ed 125788

E46 SSW 1/8-1/4 0.127 mi. 669 ft. | **CONED**
3820 9TH AVE
NEW YORK, NY 10001

Site 3 of 5 in cluster E | **MANIFEST** | **S109825052**
N/A

Relative: Lower

Actual: 11 ft.

NY MANIFEST:

EPA ID:	NYP004181277
Country:	USA
Mailing Name:	CONED
Mailing Contact:	CONED
Mailing Address:	4 IRVING PLACE
Mailing Address 2:	ROOM 818
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:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-26
Trans1 Recv Date:	2009-06-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004181277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	09
Manifest Tracking Num:	001083802GBF
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

CONED (Continued) **S109825052**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-26
Trans1 Recv Date:	2009-06-26
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004181277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	09
Manifest Tracking Num:	001083802GBF
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

47
NE
1/8-1/4
0.128 mi.
674 ft.

MERIT OIL CORP
401 W 207TH ST & 9TH AVE
NEW YORK, NY 10034

RCRA-NonGen **1000263773**
FINDS **NYD982185662**
UST
HIST UST
MANIFEST

Relative:
Lower

Actual:
12 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	MERIT OIL CORP
Facility address:	401 W 207TH ST & 9TH AVE NEW YORK, NY 10034
EPA ID:	NYD982185662
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

MERIT OIL CORP (Continued) **1000263773**

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
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 accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
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
Off-site waste receiver:	Commercial status unknown

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:	05/11/1987
Facility name:	MERIT OIL CORP
Classification:	Large Quantity Generator

Violation Status: No violations found

FINDS:

MERIT OIL CORP (Continued) **1000263773**

Registry ID: 110008024994

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

UST:

Facility Id:	2-297453
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/05/23
UTM X:	591295.10884
UTM Y:	4524208.4419
Site ID:	13738
Tank Number:	009
Tank ID:	43935
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1991
Capacity Gallons:	550
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	3/21/2002
Tank Location:	5
Tank Type:	Fiberglass coated steel
Date Test:	7/1/1995
Register:	True
Modified By:	NRLOMBAR
Last Modified:	11/12/2009

Equipment Records:

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
C00 - Pipe Location - No Piping

MERIT OIL CORP (Continued) **1000263773**

K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	010
Tank ID:	50845
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

Tank Number:	011
Tank ID:	50846
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel

MERIT OIL CORP (Continued) **1000263773**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number:	012
Tank ID:	50847
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

J02 - Dispenser - Suction
I00 - Overfill - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	013
Tank ID:	50848
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel

MERIT OIL CORP (Continued) **1000263773**

C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	014
Tank ID:	50849
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Tank Number:	015
Tank ID:	50850
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263773**

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	016
Tank ID:	50851
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	017
Tank ID:	50852
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

J02 - Dispenser - Suction

MERIT OIL CORP (Continued) **1000263773**

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	018
Tank ID:	50853
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number:	019
Tank ID:	50854
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None

MERIT OIL CORP (Continued) **1000263773**

I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	020
Tank ID:	50855
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	021
Tank ID:	50856
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None

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F00 - Pipe External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number:	022
Tank ID:	50857
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Tank Number:	023
Tank ID:	50858
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None

MERIT OIL CORP (Continued) **1000263773**

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None

Tank Number:	024
Tank ID:	50859
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	025
Tank ID:	50860
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground

MERIT OIL CORP (Continued) **1000263773**

D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Tank Number:	026
Tank ID:	50861
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	027
Tank ID:	50862
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263773**

C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	028
Tank ID:	50863
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

J02 - Dispenser - Suction
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	029
Tank ID:	50864
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None

MERIT OIL CORP (Continued) **1000263773**

D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	030
Tank ID:	50865
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	031
Tank ID:	50866
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263773**

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number:	032
Tank ID:	50867
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number:	033
Tank ID:	50868
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None

MERIT OIL CORP (Continued) **1000263773**

J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number:	034
Tank ID:	50869
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	035
Tank ID:	50870
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263773**

C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

Tank Number:	036
Tank ID:	50871
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	037
Tank ID:	50872
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel

MERIT OIL CORP (Continued) **1000263773**

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	038
Tank ID:	50873
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

Tank Number:	039
Tank ID:	50874
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel

MERIT OIL CORP (Continued) **1000263773**

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number:	040
Tank ID:	50875
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	041
Tank ID:	50876
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None

MERIT OIL CORP (Continued) **1000263773**

I00 - Overfill - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	042
Tank ID:	50877
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None

Tank Number:	043
Tank ID:	50878
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground

MERIT OIL CORP (Continued) **1000263773**

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	044
Tank ID:	50879
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	045
Tank ID:	50880
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263773**

I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None

Tank Number:	046
Tank ID:	50881
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/1996
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005

Equipment Records:

J01 - Dispenser - Submersible
K01 - Spill Prevention - Catch Basin
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	047
Tank ID:	50882
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/1996
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	Not reported
Register:	True

MERIT OIL CORP (Continued) **1000263773**

Modified By: KXTANG
Last Modified: 3/29/2005

Equipment Records:

J01 - Dispenser - Submersible
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Tank Number: 048
Tank ID: 50883
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 4/1/1996
Capacity Gallons: 4000
Tightness Test Method: 20
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 8/1/1997
Register: True
Modified By: KXTANG
Last Modified: 3/29/2005

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Submersible
F04 - Pipe External Protection - Fiberglass
I01 - Overfill - Float Vent Valve
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
K01 - Spill Prevention - Catch Basin
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 049
Tank ID: 50884
Tank Status: In Service
Tank Model: Not reported

MERIT OIL CORP (Continued) **1000263773**

Pipe Model:	Not reported
Install Date:	4/1/1996
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	8/1/1997
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005

Equipment Records:

B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)
I01 - Overfill - Float Vent Valve
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
K01 - Spill Prevention - Catch Basin
J01 - Dispenser - Submersible
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Tank Number:	050
Tank ID:	50885
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/1996
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	8/1/1997
Register:	True
Modified By:	KXTANG
Last Modified:	3/29/2005

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Submersible
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin

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C02 - Pipe Location - Underground/On-ground
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	0F7
Tank ID:	15692
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	2000
Tightness Test Method:	02
Next Test Date:	Not reported
Date Tank Closed:	7/1/1991
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	4/1/1991
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
I00 - Overfill - None
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	0W8
Tank ID:	15693
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	7/1/1991
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

J00 - Dispenser - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

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G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number:	1
Tank ID:	15688
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	2000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Submersible
D02 - Pipe Type - Galvanized Steel
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	2
Tank ID:	15687
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	4000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other
I01 - Overfill - Float Vent Valve
G00 - Tank Secondary Containment - None

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F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Submersible
B00 - Tank External Protection - None

Tank Number:	3
Tank ID:	15689
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	2000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
H99 - Tank Leak Detection - Other
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
J01 - Dispenser - Submersible
B00 - Tank External Protection - None

Tank Number:	38
Tank ID:	52893
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	2/1/1964
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
H99 - Tank Leak Detection - Other
D10 - Pipe Type - Copper

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F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	4
Tank ID:	15686
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	4000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
I01 - Overfill - Float Vent Valve
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Submersible
B00 - Tank External Protection - None

Tank Number:	5
Tank ID:	15690
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	4000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve

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J01 - Dispenser - Submersible
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Number:	6
Tank ID:	15691
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1980
Capacity Gallons:	4000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	4/1/1996
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	7/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None
J01 - Dispenser - Submersible
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	13738
Affiliation Type:	Mail Contact
Company Name:	AMERADA HESS CORP.
Contact Type:	Not reported
Contact Name:	JANICE FLAHERTY
Address1:	1 HESS PLAZA
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(732) 750-6350
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/16/2010

Site Id:	13738
Affiliation Type:	On-Site Operator
Company Name:	HESS 32517
Contact Type:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Contact Name:	AMERADA HESS CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(732) 750-6000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/5/2007

Site Id:	13738
Affiliation Type:	Owner
Company Name:	AMERADA HESS CORPORATION
Contact Type:	LICENSE COORDINATOR
Contact Name:	JANICE FLAHERTY
Address1:	1 HESS PLAZA
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(732) 750-6000
Phone Ext:	Not reported
Email:	JFLAHERTY@HESS.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	3/16/2010

Site Id:	13738
Affiliation Type:	Emergency Contact
Company Name:	AMERADA HESS CORPORATION
Contact Type:	Not reported
Contact Name:	AMERADA HESS CORP.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(732) 750-6000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	10/5/2009

HIST UST:

PBS Number:	2-297453
SPDES Number:	Not reported
Emergency Contact:	AMERADA HESS CORP.
Emergency Telephone:	(732) 750-6000
Operator:	AMERADA HESS CORP.
Operator Telephone:	(732) 750-6000

MERIT OIL CORP (Continued) **1000263773**

Owner Name:	AMERADA HESS CORPORATION
Owner Address:	1 HESS PLAZA
Owner City,St,Zip:	WOODBRIDGE, NJ 07095
Owner Telephone:	(732) 750-6000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	AMERADA HESS CORP.
Mailing Address:	1 HESS PLAZA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WOODBRIDGE, NJ 07095
Mailing Contact:	JANICE FLAHERTY
Mailing Telephone:	(732) 750-6350
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/30/2000
Expiration Date:	05/23/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20550
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:	62
Town or City:	01
Region:	2
Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19910701
Capacity (gals):	550
Product Stored:	UNKNOWN
Tank Type:	Fiberglass coated steel
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin

MERIT OIL CORP (Continued) **1000263773**

Dispenser:	Not reported
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	011
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	012
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	013
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	014
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	015
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Tank Id:	016
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	017
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	018
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

MERIT OIL CORP (Continued) **1000263773**

Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	019
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	020
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE

MERIT OIL CORP (Continued) **1000263773**

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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	021
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	022
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None

MERIT OIL CORP (Continued) **1000263773**

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:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	023
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	024
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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

MERIT OIL CORP (Continued) **1000263773**

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:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	025
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	026
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None

MERIT OIL CORP (Continued) **1000263773**

Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	027
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	028
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	029
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	030
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996

MERIT OIL CORP (Continued) **1000263773**

Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	031
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	032
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True

MERIT OIL CORP (Continued) **1000263773**

Lat/long: Not reported

Tank Id: 033
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
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: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 034
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
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: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

MERIT OIL CORP (Continued) **1000263773**

Tank Id:	035
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	036
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	037
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

MERIT OIL CORP (Continued) **1000263773**

Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	038
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	039
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE

MERIT OIL CORP (Continued) **1000263773**

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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	040
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	041
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None

MERIT OIL CORP (Continued) **1000263773**

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:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	042
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	043
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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

MERIT OIL CORP (Continued) **1000263773**

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:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	044
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	045
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
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:	None

MERIT OIL CORP (Continued) **1000263773**

Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	046
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960401
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
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:	Submersible
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:	047
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960401
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
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:	Submersible
Date Tested:	Not reported

MERIT OIL CORP (Continued) **1000263773**

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:	048
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960401
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
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:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1997
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	049
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960401
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
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:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1997
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported

MERIT OIL CORP (Continued) **1000263773**

Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	050
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19960401
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Fiberglass reinforced plastic [FRP]
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:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	08/01/1997
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	USTest 2000
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	0F7
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
Capacity (gals):	2000
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:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Not reported
Dispenser:	Submersible
Date Tested:	04/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1991
Test Method:	Tank Auditor
Deleted:	False
Updated:	True

MERIT OIL CORP (Continued) **1000263773**

Lat/long: Not reported

Tank Id: 0W8
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19800901
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
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: 07/01/1991
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19800901
Capacity (gals): 2000
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: Other
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: 07/01/1995
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1996
Test Method: Unknown
Deleted: False
Updated: True
Lat/long: Not reported

MERIT OIL CORP (Continued) **1000263773**

Tank Id:	2
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
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:	90
Overfill Prot:	Float Vent Valve, Float Vent Valve
Dispenser:	Submersible
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	3
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
Capacity (gals):	2000
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:	Other
Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	38
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

MERIT OIL CORP (Continued) **1000263773**

Install Date:	19640201
Capacity (gals):	2000
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:	FIBERGLASS COATED STEEL
Pipe Internal:	Not reported
Pipe External:	None
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	None
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	04/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	4
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
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:	Other
Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	5
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE

MERIT OIL CORP (Continued) **1000263773**

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:	Other
Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	6
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19800901
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:	Other
Overfill Prot:	Float Vent Valve
Dispenser:	Submersible
Date Tested:	07/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1996
Test Method:	Unknown
Deleted:	False
Updated:	True
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYD982185662
Country:	USA
Mailing Name:	AMERADA HESS CORPORATION
Mailing Contact:	PAUL MARINO
Mailing Address:	1 HESS PLAZA
Mailing Address 2:	Not reported
Mailing City:	WOODBRIDGE
Mailing State:	NJ
Mailing Zip:	07095

MERIT OIL CORP (Continued) **1000263773**

Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	732-750-6000

Document ID:	NYB7205022
Manifest Status:	Completed copy
Trans1 State ID:	PD9938
Trans2 State ID:	Not reported
Generator Ship Date:	960731
Trans1 Recv Date:	960731
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960731
Part A Recv Date:	960830
Part B Recv Date:	960814
Generator EPA ID:	NYD982185662
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	020
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1301777
Manifest Status:	Completed copy
Trans1 State ID:	NYMK8837
Trans2 State ID:	NJDEPS727
Generator Ship Date:	920325
Trans1 Recv Date:	920325
Trans2 Recv Date:	920325
TSD Site Recv Date:	920325
Part A Recv Date:	920416
Part B Recv Date:	920409
Generator EPA ID:	NYD982185662
Trans1 EPA ID:	NYD006801245
Trans2 EPA ID:	NJD986609949
TSDF ID:	NJD991291105
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00110

MERIT OIL CORP (Continued) **1000263773**

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:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

D48
WNW
1/8-1/4
0.131 mi.
689 ft.

POST CLEANERS **RCRA-NonGen** **1004758790**
131 POST AVE **FINDS** **NYD987023355**
NEW YORK, NY 10034 **MANIFEST**

Site 8 of 9 in cluster D

Relative:
Higher

Actual:
21 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	POST CLEANERS
Facility address:	131 POST AVE NEW YORK, NY 10034
EPA ID:	NYD987023355
Mailing address:	POST AVE NEW YORK, NY 10034
Contact:	JULIA CAMPOS
Contact address:	POST AVE NEW YORK, NY 10034
Contact country:	US
Contact telephone:	(212) 567-6855
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:	PEDRO CAMPOS
Owner/operator address:	117 POST AVE NEW YORK, NY 10034
Owner/operator country:	US
Owner/operator telephone:	(212) 567-6855
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PEDRO CAMPOS
Owner/operator address:	117 POST AVE NEW YORK, NY 10034

POST CLEANERS (Continued) **1004758790**

Owner/operator country: US
Owner/operator telephone: (212) 567-6855
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: POST CLEANERS
Classification: Not a generator, verified

Date form received by agency: 11/27/1992
Facility name: POST CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004498641

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: NYD987023355
Country: USA
Mailing Name: POST CLEANERS
Mailing Contact: PEDRO CAMPOS
Mailing Address: 131 POST AVE

POST CLEANERS (Continued) **1004758790**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10034
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-567-6855

Document ID:	NJA1848522
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	931229
Trans1 Recv Date:	931229
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931229
Part A Recv Date:	940118
Part B Recv Date:	940120
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1807336
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940615
Trans1 Recv Date:	940615
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940615
Part A Recv Date:	940811
Part B Recv Date:	940630
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202

POST CLEANERS (Continued) **1004758790**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC6269231
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	09/25/2000
Trans1 Recv Date:	09/25/2000
Trans2 Recv Date:	09/28/2000
TSD Site Recv Date:	10/02/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	00
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

POST CLEANERS (Continued) **1004758790**

Mgmt Method Type Code: Not reported

Document ID: NJA2524107
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: 960614
Trans1 Recv Date: 960614
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960614
Part A Recv Date: 960708
Part B Recv Date: 960710
Generator EPA ID: NYD987023355
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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: 96
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NJA2230749
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 960221
Trans1 Recv Date: 960221
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960221
Part A Recv Date: 960229
Part B Recv Date: 960312
Generator EPA ID: NYD987023355
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00070
Units: P - Pounds
Number of Containers: 001

POST CLEANERS (Continued) **1004758790**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC6251668
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	11/30/2000
Trans1 Recv Date:	11/30/2000
Trans2 Recv Date:	12/07/2000
TSD Site Recv Date:	12/12/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00065
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	00
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1840351
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869

POST CLEANERS (Continued) **1004758790**

Trans2 State ID:	Not reported
Generator Ship Date:	940304
Trans1 Recv Date:	940304
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940304
Part A Recv Date:	940310
Part B Recv Date:	940316
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1950534
Manifest Status:	Completed copy
Trans1 State ID:	58149
Trans2 State ID:	Not reported
Generator Ship Date:	941018
Trans1 Recv Date:	941018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941018
Part A Recv Date:	941026
Part B Recv Date:	941104
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported

POST CLEANERS (Continued) **1004758790**

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

Document ID:	NJA1954571
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940718
Trans1 Recv Date:	940718
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940718
Part A Recv Date:	940731
Part B Recv Date:	940731
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC6539725
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	11/07/2001
Trans1 Recv Date:	11/07/2001
Trans2 Recv Date:	11/12/2001
TSD Site Recv Date:	11/13/2001
Part A Recv Date:	Not reported

POST CLEANERS (Continued) **1004758790**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	08690
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	01
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2041921
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950113
Trans1 Recv Date:	950113
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950113
Part A Recv Date:	950123
Part B Recv Date:	950207
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported

POST CLEANERS (Continued) **1004758790**

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

Document ID:	NJA2153242
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	950329
Trans1 Recv Date:	950329
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950329
Part A Recv Date:	950414
Part B Recv Date:	950417
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2549523
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	960415
Trans1 Recv Date:	960415
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960415
Part A Recv Date:	960424
Part B Recv Date:	960426
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

POST CLEANERS (Continued) **1004758790**

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:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2656319
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:	961104
Trans1 Recv Date:	961104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961104
Part A Recv Date:	961211
Part B Recv Date:	961203
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

POST CLEANERS (Continued) **1004758790**

Document ID:	NJA1749829
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:	930818
Trans1 Recv Date:	930818
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930818
Part A Recv Date:	930826
Part B Recv Date:	930923
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1743145
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930722
Trans1 Recv Date:	930722
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930722
Part A Recv Date:	Not reported
Part B Recv Date:	930802
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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

POST CLEANERS (Continued) **1004758790**

Year:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1544395
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930406
Trans1 Recv Date:	930406
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930406
Part A Recv Date:	930414
Part B Recv Date:	930422
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1359408
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930108
Trans1 Recv Date:	930108

POST CLEANERS (Continued) **1004758790**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930108
Part A Recv Date:	Not reported
Part B Recv Date:	930127
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1659815
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930428
Trans1 Recv Date:	930428
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930428
Part A Recv Date:	930511
Part B Recv Date:	930513
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

POST CLEANERS (Continued) **1004758790**

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

Document ID:	NJA1621207
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:	930625
Trans1 Recv Date:	930625
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930625
Part A Recv Date:	930707
Part B Recv Date:	930721
Generator EPA ID:	NYD987023355
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

D49 **207 SHERMAN ASSOCIATE, LLC** **AST** **A100146969**
WNW **130 POST AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.132 mi.
696 ft. **Site 9 of 9 in cluster D**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-145785

207 SHERMAN ASSOCIATE, LLC (Continued) **A100146969**

Program Type:	PBS
UTM X:	591019.47661999997
UTM Y:	4524276.6473500002
Expiration Date:	2014/05/25

Tank Number:	001
Tank Id:	8634
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1949
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:	2/27/2009

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
J02 - Dispenser - Suction
B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F01 - Pipe External Protection - Painted/Asphalt Coating

Affiliation Records:

Site Id:	4193
Affiliation Type:	Mail Contact
Company Name:	C/O SDG MANAGEMENT CORP.
Contact Type:	Not reported
Contact Name:	207 SHERMAN ASSOC, LLC.
Address1:	888 SEVENTH AVENUE
Address2:	24TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 660-1237
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/7/2005

Site Id:	4193
Affiliation Type:	Owner
Company Name:	207 SHERMAN ASSOCIATES, LLC.
Contact Type:	AGENT

207 SHERMAN ASSOCIATE, LLC (Continued) **A100146969**

Contact Name:	CYNTHIA MARRERO
Address1:	888 7TH AVE, 24FL.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

Site Id:	4193
Affiliation Type:	Emergency Contact
Company Name:	207 SHERMAN ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	SDG MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 660-1200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

Site Id:	4193
Affiliation Type:	On-Site Operator
Company Name:	207 SHERMAN ASSOCIATE, LLC
Contact Type:	Not reported
Contact Name:	BLACIDES GOMEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 416-1094
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

I50 WNW 1/8-1/4 0.141 mi. 747 ft. | **APARTMENT HOUSE**
125 POST AVE
NEW YORK, NY 10034

Site 1 of 5 in cluster I

AST **U003388852**
HIST AST **N/A**

Relative: Higher

Actual: 21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-281964
Program Type:	PBS
UTM X:	591001.88245000003
UTM Y:	4524281.6484700004
Expiration Date:	2012/08/24
Tank Number:	001
Tank Id:	14751
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/24/2004
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:	kakyer
Last Modified:	9/26/2007

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground

Affiliation Records:

Site Id:	12387
Affiliation Type:	Mail Contact
Company Name:	GREEN SEAL REALTY CORP
Contact Type:	Not reported
Contact Name:	E. BREHM
Address1:	170 BROADWAY
Address2:	RM. 610
City:	NEW YORK
State:	NY
Zip Code:	10038-4154
Country Code:	001
Phone:	(212) 267-6767
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported

APARTMENT HOUSE (Continued) **U003388852**

Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12387
Affiliation Type:	On-Site Operator
Company Name:	APARTMENT HOUSE
Contact Type:	Not reported
Contact Name:	GREEN SEAL REALTY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-6736
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12387
Affiliation Type:	Owner
Company Name:	GREEN SEAL REALTY CORP
Contact Type:	VP
Contact Name:	GREEN SEAL
Address1:	170 BROADWAY RM 610
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 267-6767
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	9/26/2007

Site Id:	12387
Affiliation Type:	Emergency Contact
Company Name:	GREEN SEAL REALTY CORP
Contact Type:	Not reported
Contact Name:	SUPER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-6736
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

APARTMENT HOUSE (Continued) **U003388852**

HIST AST:

PBS Number:	2-281964
SWIS Code:	6201
Operator:	GREEN SEAL REALTY CORP
Facility Phone:	(212) 569-6736
Facility Addr2:	125 POST AVE
Facility Type:	APARTMENT BUILDING
Emergency:	SUPER
Emergency Tel:	(212) 569-6736
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GREEN SEAL REALTY CORP
Owner Address:	6 PARK PLACE RM 4702
Owner City,St,Zip:	NEW YORK, NY 10007
Federal ID:	Not reported
Owner Tel:	(212) 267-6767
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	M. MANNION
Mailing Name:	GREEN SEAL REALTY CORP
Mailing Address:	6 PARK PLACE RM 4702
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10007
Mailing Telephone:	(212) 267-6767
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/16/1998
Expiration:	08/24/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground

APARTMENT HOUSE (Continued) **U003388852**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Not reported
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

J51 **DESCARTES DRY CLEANERS** **RCRA-SQG** **1005417250**
NW **527 W 207TH ST** **FINDS** **NYR000103754**
1/8-1/4 **NEW YORK, NY 10034** **MANIFEST**
0.142 mi.
752 ft. **Site 1 of 7 in cluster J**

Relative:
Higher

Actual:
22 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	DESCARTES DRY CLEANERS
Facility address:	527 W 207TH ST NEW YORK, NY 10034
EPA ID:	NYR000103754
Mailing address:	W 207TH ST NEW YORK, NY 10034
Contact:	JOSE CAMACHO
Contact address:	W 207TH ST NEW YORK, NY 10034
Contact country:	US
Contact telephone:	(917) 529-2972
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

Owner/Operator Summary:

Owner/operator name:	JACQUELINE WAREHOUSE CORP
Owner/operator address:	523 W 207TH ST NEW YORK, NY 10034
Owner/operator country:	US
Owner/operator telephone:	(212) 567-1221
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported
Owner/operator name:	JACQUELINE WAREHOUSE CORP

DESCARTES DRY CLEANERS (Continued) **1005417250**

Owner/operator address: 523 W 207TH ST
NEW YORK, NY 10034
Owner/operator country: US
Owner/operator telephone: (212) 567-1221
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: DESCARTES DRY CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/29/2002
Facility name: DESCARTES DRY CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110012197997

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: NYR000103754
Country: USA
Mailing Name: DESCARTES DRY CLEANERS

DESCARTES DRY CLEANERS (Continued) **1005417250**

Mailing Contact:	N/S
Mailing Address:	527 W 207TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10034
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	917-529-2972

Document ID:	06
Manifest Status:	NYC7875551
Trans1 State ID:	NYR000103754
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD986607380
Part B Recv Date:	2006-06-15
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DF
Container Type:	390
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	06
Manifest Status:	NYC7875551
Trans1 State ID:	NYR000103754

DESCARTES DRY CLEANERS (Continued) **1005417250**

Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD986607380
Part B Recv Date:	2006-06-15
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	5
Number of Containers:	DF
Container Type:	60
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC6980861
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/11/2003
Trans1 Recv Date:	03/11/2003
Trans2 Recv Date:	03/14/2003
TSD Site Recv Date:	03/17/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94887JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00340
Units:	P - Pounds

DESCARTES DRY CLEANERS (Continued) **1005417250**

Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	03
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC7394883
Manifest Status:	Not reported
Trans1 State ID:	NY58468JH
Trans2 State ID:	NJ132TWA
Generator Ship Date:	07/28/2004
Trans1 Recv Date:	07/28/2004
Trans2 Recv Date:	07/30/2004
TSD Site Recv Date:	08/02/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00795
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	04
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported

DESCARTES DRY CLEANERS (Continued) **1005417250**

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

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOD095038998
Generator Ship Date:	5/17/2007
Trans1 Recv Date:	5/17/2007
Trans2 Recv Date:	5/24/2007
TSD Site Recv Date:	5/25/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	190
Units:	P - 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:	07
Manifest Tracking Num:	000049601SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOD095038998
Generator Ship Date:	5/17/2007
Trans1 Recv Date:	5/17/2007
Trans2 Recv Date:	5/24/2007
TSD Site Recv Date:	5/25/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	160

DESCARTES DRY CLEANERS (Continued) **1005417250**

Units:	P - Pounds
Number of Containers:	1
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:	07
Manifest Tracking Num:	000049601SKS
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:	NYC7517711
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD000682061
Generator Ship Date:	05/17/2005
Trans1 Recv Date:	05/17/2005
Trans2 Recv Date:	05/20/2005
TSD Site Recv Date:	05/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	NY94881JE
Trans2 EPA ID:	080489
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00100
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	2005
Manifest Tracking Num:	Not reported

DESCARTES DRY CLEANERS (Continued) **1005417250**

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

Document ID:	NYC7875551
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD986607380
Generator Ship Date:	06/07/2006
Trans1 Recv Date:	06/07/2006
Trans2 Recv Date:	06/15/2006
TSD Site Recv Date:	06/16/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	NY55817JL
Trans2 EPA ID:	NJ50059
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	06
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	07

DESCARTES DRY CLEANERS (Continued) **1005417250**

Manifest Status:	000049601SKS
Trans1 State ID:	NYR000103754
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	MOD095038998
Part B Recv Date:	2007-05-24
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DF
Container Type:	190
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	07
Manifest Status:	000049601SKS
Trans1 State ID:	NYR000103754
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	MOD095038998
Part B Recv Date:	2007-05-24
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N

DESCARTES DRY CLEANERS (Continued) **1005417250**

Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	160
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC7517711
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD000682061
Generator Ship Date:	05/17/2005
Trans1 Recv Date:	05/17/2005
Trans2 Recv Date:	05/20/2005
TSD Site Recv Date:	05/23/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	NY94881JE
Trans2 EPA ID:	080489
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00100
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported

DESCARTES DRY CLEANERS (Continued) **1005417250**

Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYC6869046
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	09/23/2002
Trans1 Recv Date:	09/23/2002
Trans2 Recv Date:	09/27/2002
TSD Site Recv Date:	09/27/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94886JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00190
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	02
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

DESCARTES DRY CLEANERS (Continued) **1005417250**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOD095038998
Generator Ship Date:	2007-05-17
Trans1 Recv Date:	2007-05-17
Trans2 Recv Date:	2007-05-24
TSD Site Recv Date:	2007-05-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	160.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	07
Manifest Tracking Num:	000049601SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOD095038998
Generator Ship Date:	2007-05-17
Trans1 Recv Date:	2007-05-17
Trans2 Recv Date:	2007-05-24
TSD Site Recv Date:	2007-05-25
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000103754
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	190.0
Units:	P - Pounds
Number of Containers:	2.0
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

DESCARTES DRY CLEANERS (Continued) **1005417250**

Year:	07
Manifest Tracking Num:	000049601SKS
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

J52 **DESCARTES DRY CLEANERS** **DRYCLEANERS** **S110246387**
NW **527 WEST 207TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.142 mi.
752 ft. **Site 2 of 7 in cluster J**

Relative:
Higher

Actual:
22 ft.

DRYCLEANERS:

Facility ID:	2-6201-00367
Region:	2
Registration Effective Date:	10/8/2002 15:41:18:73
Inspection Date:	08MAY22
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	PERC DRY CLEANER

F53 **274-278 NAGLE AVENUE HDFC** **AST** **U004045333**
WSW **274 NAGLE AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.143 mi.
757 ft. **Site 3 of 3 in cluster F**

Relative:
Lower

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-606761
Program Type:	PBS
UTM X:	591002.91335000005
UTM Y:	4524157.8781399997
Expiration Date:	N/A
Tank Number:	1
Tank Id:	61853
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	4000
Tightness Test Method:	NN

274-278 NAGLE AVENUE HDFC (Continued) **U004045333**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	3/12/2003
Register:	True
Modified By:	NRLOMBAR
Last Modified:	8/10/2004

Equipment Records:

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id:	28618
Affiliation Type:	Mail Contact
Company Name:	274-78 NAGLE AVE HDFC
Contact Type:	Not reported
Contact Name:	ISABEL NILMA BAEZ, PRESIDENT
Address1:	274 NAGLE AVENUE
Address2:	APT 2A
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-8915
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/10/2004

Site Id:	28618
Affiliation Type:	On-Site Operator
Company Name:	274-278 NAGLE AVENUE HDFC
Contact Type:	Not reported
Contact Name:	ISABEL NILMA BAEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 569-8915
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/10/2004

Site Id:	28618

274-278 NAGLE AVENUE HDFC (Continued) **U004045333**

Affiliation Type:	Emergency Contact
Company Name:	274-278 NAGLE AVENUE HDFC
Contact Type:	Not reported
Contact Name:	ISABEL NILMA BAEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 569-8915
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/10/2004

Site Id:	28618
Affiliation Type:	Owner
Company Name:	274-278 NAGLE AVENUE HDFC
Contact Type:	PRESIDENT
Contact Name:	ISABEL NILMA BAEZ
Address1:	274 NAGLE AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-8915
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/10/2004

H54 **H R S EQUITES** **AST** **U003384781**
NNW **512 ISHAM ST** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.149 mi.
788 ft. **Site 5 of 5 in cluster H**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-094536
Program Type:	PBS
UTM X:	591181.13486999995
UTM Y:	4524448.1783999996
Expiration Date:	2012/08/17

Tank Number:	001
Tank Id:	4452
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported

H R S EQUITES (Continued) **U003384781**

Install Date:	1/1/1968
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:	DXLIVING
Last Modified:	6/19/2007

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	2568
Affiliation Type:	Owner
Company Name:	H R S EQUITIES C/O MILBROOK PR
Contact Type:	AGENT
Contact Name:	JEFF KATZ
Address1:	42 BAYVIEW AVE
Address2:	Not reported
City:	MANHASSET
State:	NY
Zip Code:	11030
Country Code:	001
Phone:	(516) 869-1240
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/19/2007

Site Id:	2568
Affiliation Type:	Emergency Contact
Company Name:	H R S EQUITIES C/O MILBROOK PR
Contact Type:	Not reported
Contact Name:	MILBROOK P0ROPERTIES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 869-1240
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING

H R S EQUITES (Continued) **U003384781**

Date Last Modified: 6/19/2007

Site Id: 2568
Affiliation Type: Mail Contact
Company Name: H R S EQUITIES C/O MILBROOK PR
Contact Type: Not reported
Contact Name: CHARLES HIRSCH
Address1: 42 BAYVIEW AVE
Address2: Not reported
City: MANHASSET
State: NY
Zip Code: 11030
Country Code: 001
Phone: (516) 568-1240
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 2568
Affiliation Type: On-Site Operator
Company Name: H R S EQUITES
Contact Type: Not reported
Contact Name: RADHAMES PUJOLS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 942-1449
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

HIST AST:
PBS Number: 2-094536
SWIS Code: 6201
Operator: RADHAMES PUJOLS
Facility Phone: (212) 942-1449
Facility Addr2: 512 ISHAM ST
Facility Type: Not reported
Emergency: MILLBROOK PROPERTIES
Emergency Tel: (718) 520-1240
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: H R S EQUITIES C/O MILBROOK PR
Owner Address: 108-18 QUEENS BLVD
Owner City,St,Zip: FOREST HILL, NY 11375
Federal ID: Not reported
Owner Tel: (718) 520-1240
Owner Type: Not reported

H R S EQUITES (Continued) **U003384781**

Owner Subtype:	Not reported
Mailing Contact:	CAHRLES HIRSCH
Mailing Name:	H R S EQUITIES C/O MILBROOK PR
Mailing Address:	108-18 QUEENS BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOREST HILL, NY 11375
Mailing Telephone:	(718) 520-1240
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:	07/15/1997
Expiration:	08/17/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

I55 WNW 1/8-1/4 0.150 mi. 791 ft. | **ALGA REAL ESTATE CORP**
121 POST AVE
NY, NY 10034

Site 2 of 5 in cluster I

AST **U003386763**
HIST AST **N/A**

Relative: Higher

Actual: 21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-247073
Program Type:	PBS
UTM X:	590992.83105000004
UTM Y:	4524277.4289199999
Expiration Date:	2008/07/15
Tank Number:	001
Tank Id:	10654
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	9694
Affiliation Type:	Emergency Contact
Company Name:	MARINO JIMENEZ
Contact Type:	Not reported
Contact Name:	MARINO JIMENEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5986
Phone Ext:	Not reported
Email:	Not reported

ALGA REAL ESTATE CORP (Continued) **U003386763**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9694
Affiliation Type:	Owner
Company Name:	MARINO JIMENEZ
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P.O. BOX 936
Address2:	Not reported
City:	FORT LEE
State:	NJ
Zip Code:	07024
Country Code:	001
Phone:	(212) 567-0500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9694
Affiliation Type:	On-Site Operator
Company Name:	121 POST REALTY CORP
Contact Type:	Not reported
Contact Name:	MARINO JIMENEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 601-1280
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	9694
Affiliation Type:	Mail Contact
Company Name:	121 POST REALTY CORP.
Contact Type:	Not reported
Contact Name:	MARINO JIMENEZ
Address1:	P.O. BOX 936
Address2:	Not reported
City:	FORT LEE
State:	NJ
Zip Code:	07024
Country Code:	001
Phone:	(917) 601-1280
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

ALGA REAL ESTATE CORP (Continued) **U003386763**

HIST AST:

PBS Number:	2-247073
SWIS Code:	6201
Operator:	ALDO GARCIA PRESIDENT
Facility Phone:	(212) 567-7349
Facility Addr2:	121 POST AVE
Facility Type:	APARTMENT BUILDING
Emergency:	ALDO GARCIA PRESIDENT
Emergency Tel:	(516) 567-9012
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ALDO GARCIA PRESIDENT
Owner Address:	59 NORMANDY DRIVE
Owner City,St,Zip:	NOLBROOK, NY 11741
Federal ID:	Not reported
Owner Tel:	(212) 569-9050
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ALDO GARCIA
Mailing Name:	ALDO GARCIA PRESIDENT
Mailing Address:	59 NORMANDY DRIVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NOLBROOK, NY 11741
Mailing Telephone:	(516) 567-9012
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:	07/24/1997
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	1500
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

ALGA REAL ESTATE CORP (Continued) **U003386763**

Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

E56
SSW
1/8-1/4
0.152 mi.
804 ft.

CHURCH OF ST JUDES **HIST UST** **U000402613**
431 WEST 204TH ST **N/A**
NEW YORK, NY 10034

Site 4 of 5 in cluster E

Relative:
Lower

Actual:
12 ft.

HIST UST:

PBS Number:	2-317969
SPDES Number:	Not reported
Emergency Contact:	CASTLE OIL
Emergency Telephone:	(212) 823-8800
Operator:	MIGUEL GARCIA
Operator Telephone:	(212) 569-3000
Owner Name:	CHURCH OF ST JUDE
Owner Address:	431 WEST 204TH ST
Owner City,St,Zip:	NEW YORK, NY 10034
Owner Telephone:	(212) 569-3000
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	CHURCH OF ST JUDE
Mailing Address:	431 WEST 204TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Contact:	Not reported
Mailing Telephone:	(212) 569-3000
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:	431 WEST 204TH ST
SWIS ID:	6201
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:	07/16/1997
Expiration Date:	07/20/2002
Renew Flag:	False

CHURCH OF ST JUDES (Continued) **U000402613**

Renewal Date:	Not reported
Total Capacity:	8000
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:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	8000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

E57 **CHURCH OF ST. JUDE** **UST** **U004078215**
SSW **431 WEST 204TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.152 mi.
804 ft. **Site 5 of 5 in cluster E**

Relative:
Lower

Actual:
12 ft.

UST:

Facility Id:	2-317969
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/07/20
UTM X:	591135.51017999998
UTM Y:	4524020.0581700001
Site ID:	14643
Tank Number:	001
Tank ID:	17876

CHURCH OF ST. JUDE (Continued) **U004078215**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/1/1952
Capacity Gallons:	8000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/18/2007

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction
B99 - Tank External Protection - Other
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
A01 - Tank Internal Protection - Epoxy Liner
I05 - Overfill - Vent Whistle
F06 - Pipe External Protection - Wrapped

Affiliation Records:

Site Id:	14643
Affiliation Type:	On-Site Operator
Company Name:	CHURCH OF ST. JUDE
Contact Type:	Not reported
Contact Name:	BUILLERMO SAEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14643
Affiliation Type:	Mail Contact
Company Name:	CHURCH OF ST. JUDE
Contact Type:	Not reported
Contact Name:	FR. ELIAS ISLA
Address1:	431 WEST 204TH STREET
Address2:	Not reported
City:	NEW YORK

CHURCH OF ST. JUDE (Continued) **U004078215**

State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14643
Affiliation Type:	Emergency Contact
Company Name:	CHURCH OF ST. JUDE
Contact Type:	Not reported
Contact Name:	ELIAS ISLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	14643
Affiliation Type:	Owner
Company Name:	CHURCH OF ST. JUDE
Contact Type:	PRINCIPAL
Contact Name:	JOSEPH V. CARPENELLA
Address1:	431 WEST 204TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/18/2007

K58 **CONSOLIDATED EDISON** **MANIFEST** **S110046573**
SSW **OPPOSITE 411 WEST 204 ST** **N/A**
1/8-1/4 **NEW YORK, NY 10020**
0.152 mi.
805 ft. **Site 1 of 4 in cluster K**

Relative:
Lower

Actual:
11 ft.

NY MANIFEST:

EPA ID:	NYP004186508
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address:	4 IRVING PLACE RM 828

CONSOLIDATED EDISON (Continued) **S110046573**

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:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-05
Trans1 Recv Date:	2009-08-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004186508
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	09
Manifest Tracking Num:	001084265GBF
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:	2009-08-05
Trans1 Recv Date:	2009-08-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004186508
Trans1 EPA ID:	Not reported

CONSOLIDATED EDISON (Continued) **S110046573**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	09
Manifest Tracking Num:	001084265GBF
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

K59 **428 W 204TH STREET** **AST** **A100168916**
SSW **428 W 204TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.154 mi.
814 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-334553
Program Type:	PBS
UTM X:	591133.73069999996
UTM Y:	4524007.1573099997
Expiration Date:	2007/11/19
Tank Number:	022
Tank Id:	20885
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3500
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:	3/4/2004

Equipment Records:

G99 - Tank Secondary Containment - Other

428 W 204TH STREET (Continued) **A100168916**

C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
F06 - Pipe External Protection - Wrapped
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

Affiliation Records:

Site Id:	15919
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15919
Affiliation Type:	On-Site Operator
Company Name:	428 W 204TH STREET
Contact Type:	Not reported
Contact Name:	JUAN DELA CRUZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 942-4509
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15919
Affiliation Type:	Emergency Contact
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	Not reported
Contact Name:	STEPHEN SDEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676

428 W 204TH STREET (Continued) **A100168916**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15919
Affiliation Type:	Owner
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

K60 **432 WEST 204TH STREET** **AST** **A100168917**
SSW **432 W 204TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.154 mi.
814 ft. **Site 3 of 4 in cluster K**

Relative:
Lower

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-334561
Program Type:	PBS
UTM X:	591127.78853000002
UTM Y:	4524010.5256899996
Expiration Date:	2012/11/19

Tank Number:	033
Tank Id:	20886
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1938
Capacity Gallons:	3500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	10/30/2007

Equipment Records:

432 WEST 204TH STREET (Continued) **A100168917**

D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
F06 - Pipe External Protection - Wrapped
I05 - Overfill - Vent Whistle
G99 - Tank Secondary Containment - Other

Affiliation Records:

Site Id:	15920
Affiliation Type:	Emergency Contact
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	Not reported
Contact Name:	STEPHEN SDEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15920
Affiliation Type:	On-Site Operator
Company Name:	432 WEST 204TH STREET
Contact Type:	Not reported
Contact Name:	JUAN DELA CRUZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 942-4509
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15920
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001

432 WEST 204TH STREET (Continued) **A100168917**

Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15920
Affiliation Type:	Owner
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	REGISTERED MANAGING AGENT
Contact Name:	EDMUND N. MILLER
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/30/2007

K61 **436 W 204TH STREET** **AST** **U003391620**
SW **436 W 204TH STREET** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.155 mi.
816 ft. **Site 4 of 4 in cluster K**

Relative:
Lower

Actual:
13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-402281
Program Type:	PBS
UTM X:	591121.93201999995
UTM Y:	4524013.7840999998
Expiration Date:	2007/12/14

Tank Number:	050
Tank Id:	21908
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3500
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:	3/4/2004

436 W 204TH STREET (Continued) **U003391620**

Equipment Records:

F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id:	19264
Affiliation Type:	Owner
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19264
Affiliation Type:	On-Site Operator
Company Name:	436 W 204TH STREET
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFF, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19264
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF, INC.
Contact Type:	Not reported
Contact Name:	W. EGAN
Address1:	5925 BROADWAY
Address2:	Not reported

436 W 204TH STREET (Continued) **U003391620**

City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19264
Affiliation Type:	Emergency Contact
Company Name:	83 POST AVE ASSOCIATES
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFF INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-402281
SWIS Code:	6201
Operator:	LEMLE & WOLFF, INC.
Facility Phone:	(718) 884-7676
Facility Addr2:	436 W 204TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	LEMLE & WOLFF INC
Emergency Tel:	(718) 884-7676
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	83 POST AVE ASSOCIATES
Owner Address:	5925 BROADWAY
Owner City,St,Zip:	BRONX, NY 10463
Federal ID:	Not reported
Owner Tel:	(718) 884-7676
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	W. EGAN
Mailing Name:	LEMLE & WOLFF, INC.
Mailing Address:	5925 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10463
Mailing Telephone:	(718) 884-7676
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is

436 W 204TH STREET (Continued) **U003391620**

	greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/21/1998
Expiration:	12/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3500
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:	62
Town or City Code:	01
Region:	2
Tank ID:	050
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3500
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

I62 **118-128 POST AVENUE** **AST** **U003386226**
WNW **118-128 POST AVE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.155 mi.
819 ft. **Site 3 of 5 in cluster I**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-206148
Program Type:	PBS

118-128 POST AVENUE (Continued) **U003386226**

UTM X:	591014.02579999994
UTM Y:	4524296.3854999999
Expiration Date:	2014/07/01

Tank Number:	001
Tank Id:	9484
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1935
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:	7/23/2009

Equipment Records:

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	7251
Affiliation Type:	Emergency Contact
Company Name:	POST 118,LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7251
Affiliation Type:	Owner
Company Name:	POST 118,LLC

118-128 POST AVENUE (Continued) **U003386226**

Contact Type:	MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD. SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7251
Affiliation Type:	Mail Contact
Company Name:	POST 118,LLC
Contact Type:	Not reported
Contact Name:	BRONSTEIN PROPERTIES
Address1:	108-18 QUEENS BLVD. SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7251
Affiliation Type:	On-Site Operator
Company Name:	POST 118,LLC
Contact Type:	Not reported
Contact Name:	MANUAL AGRANONTE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 345-3468
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

HIST AST:

PBS Number:	2-206148
SWIS Code:	6201
Operator:	JOSE ESTRELLA
Facility Phone:	(212) 942-8736
Facility Addr2:	118 POST AVE

118-128 POST AVENUE (Continued) **U003386226**

Facility Type:	APARTMENT BUILDING
Emergency:	SORKIN HOWARD
Emergency Tel:	(914) 993-0300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	MARLO EQUITIES INC C/O SIERRA ASSETS GROUP LTD.
Owner Address:	30 GLENN STREET BOX 399
Owner City,St,Zip:	WHITE PLAINS, NY 10603
Federal ID:	Not reported
Owner Tel:	(914) 993-0300
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	HOWARD SORKIN
Mailing Name:	MARLO EQUTIESINC, C/O SIERRA ASSETS GROUP
Mailing Address:	30 GLENN STREET BOX 399
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WHITE PLAINS, NY 10603
Mailing Telephone:	(914) 993-0300
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/19/1997
Expiration:	06/30/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4

118-128 POST AVENUE (Continued) **U003386226**

Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

L63 **266-272 NAGLE AVENUE** **AST** **U003395621**
WSW **266-272 NAGLE AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.158 mi.
834 ft. **Site 1 of 8 in cluster L**

Relative:
Lower

Actual:
17 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-600418
Program Type:	PBS
UTM X:	591003.89593999996
UTM Y:	4524146.46796
Expiration Date:	2015/01/14
Tank Number:	001
Tank Id:	42584
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1988
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	10/27/2009

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
F06 - Pipe External Protection - Wrapped
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

266-272 NAGLE AVENUE (Continued) **U003395621**

Affiliation Records:

Site Id:	22400
Affiliation Type:	Mail Contact
Company Name:	266 LLC
Contact Type:	Not reported
Contact Name:	JOHN G JONAJ
Address1:	280 EAST 204TH STREET
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10467
Country Code:	001
Phone:	(718) 882-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/20/2006

Site Id:	22400
Affiliation Type:	On-Site Operator
Company Name:	266-272 NAGLE AVENUE
Contact Type:	Not reported
Contact Name:	FAHRI SYLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-6120
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/20/2006

Site Id:	22400
Affiliation Type:	Owner
Company Name:	266 LLC
Contact Type:	MEMBER
Contact Name:	G. JORALIN G JONAJ
Address1:	280 EAST 204TH STREET
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10467
Country Code:	001
Phone:	(718) 882-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/20/2006

Site Id:	22400
Affiliation Type:	Emergency Contact

266-272 NAGLE AVENUE (Continued) **U003395621**

Company Name:	266 LLC
Contact Type:	Not reported
Contact Name:	JOHN G JONAJ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 882-3995
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	11/20/2006

HIST AST:

PBS Number:	2-600418
SWIS Code:	6201
Operator:	JULIO ESPINOSA
Facility Phone:	(212) 569-8795
Facility Addr2:	266 NAGLE AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	JULIO ESPINOSA
Emergency Tel:	(212) 569-8795
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NAGLE HOLDING CO LP
Owner Address:	825 EAST 233RD STREET
Owner City,St,Zip:	BRONX, NY 10466
Federal ID:	Not reported
Owner Tel:	(212) 324-1950
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	MICHAEL LAUB
Mailing Name:	NAGLE HOLDING CO LLC
Mailing Address:	825 EAST 233RD STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX,, NY 10466
Mailing Telephone:	(212) 324-1950
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/21/2001
Expiration:	11/07/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False

266-272 NAGLE AVENUE (Continued) **U003395621**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	6
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	64
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

I64 **115-117-119 POST AVENUE** **AST** **A100129024**
WNW **115-117-119 POST AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.163 mi.
860 ft. **Site 4 of 5 in cluster I**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-334456
Program Type:	PBS
UTM X:	591003.72357000003
UTM Y:	4524290.8733700002
Expiration Date:	2012/10/02
Tank Number:	042
Tank Id:	20875
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/6/1927
Capacity Gallons:	5000

115-117-119 POST AVENUE (Continued) **A100129024**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	8/16/2007

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
C03 - Pipe Location - Aboveground/Underground Combination
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None

Affiliation Records:

Site Id:	15909
Affiliation Type:	Emergency Contact
Company Name:	83 POST AVE ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFE INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15909
Affiliation Type:	Owner
Company Name:	83 POST AVE ASSOCIATES, LLC
Contact Type:	REG MANAGING AGENT
Contact Name:	EDMUND MILLER
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BROADWAY
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/16/2007

115-117-119 POST AVENUE (Continued) **A100129024**

Site Id:	15909
Affiliation Type:	On-Site Operator
Company Name:	115-117-119 POST AVENUE
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFF, INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15909
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF, INC.
Contact Type:	Not reported
Contact Name:	S. SDEO
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

L65 **BP TRIANGLE** **UST** **U000396451**
WSW **265 NAGLE AVENUE** **HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.165 mi.
873 ft. **Site 2 of 8 in cluster L**

Relative:
Lower

Actual:
17 ft.

UST:

Facility Id:	2-191353
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/06/05
UTM X:	590948.72704999999
UTM Y:	4524108.0165200001
Site ID:	5960

Tank Number:	001
Tank ID:	7482
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported

BP TRIANGLE (Continued) **U000396451**

Install Date:	12/1/1976
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	5/20/2009
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/3/2005
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/17/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
B08 - Tank External Protection - Retrofitted Impressed Current
F08 - Pipe External Protection - Retrofitted Impressed Current
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
E00 - Piping Secondary Containment - None
H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	7483
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1976
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	5/20/2009
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/3/2005
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/17/2009

Equipment Records:

D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
F08 - Pipe External Protection - Retrofitted Impressed Current
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
L09 - Piping Leak Detection - Exempt Suction Piping
H99 - Tank Leak Detection - Other
B08 - Tank External Protection - Retrofitted Impressed Current
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None

BP TRIANGLE (Continued) **U000396451**

J02 - Dispenser - Suction

Tank Number:	003
Tank ID:	7484
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1976
Capacity Gallons:	4000
Tightness Test Method:	21
Next Test Date:	Not reported
Date Tank Closed:	5/20/2009
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	3/3/2005
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/17/2009

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
B08 - Tank External Protection - Retrofitted Impressed Current
F08 - Pipe External Protection - Retrofitted Impressed Current
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Number:	004
Tank ID:	230689
Tank Status:	In Service
Tank Model:	104
Pipe Model:	D
Install Date:	6/12/2009
Capacity Gallons:	12000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/31/2009

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F04 - Pipe External Protection - Fiberglass

BP TRIANGLE (Continued) **U000396451**

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I03 - Overfill - Automatic Shut-Off
J01 - Dispenser - Submersible
K01 - Spill Prevention - Catch Basin
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)
L08 - Piping Leak Detection - Tank Top Sump
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	005
Tank ID:	230690
Tank Status:	In Service
Tank Model:	104
Pipe Model:	D
Install Date:	6/12/2009
Capacity Gallons:	7000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/31/2009

Equipment Records:

F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
J01 - Dispenser - Submersible
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L08 - Piping Leak Detection - Tank Top Sump
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number:	006
Tank ID:	230691
Tank Status:	In Service
Tank Model:	104
Pipe Model:	D
Install Date:	6/12/2009
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported

BP TRIANGLE (Continued) **U000396451**

Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/31/2009

Equipment Records:

L08 - Piping Leak Detection - Tank Top Sump
C02 - Pipe Location - Underground/On-ground
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I02 - Overfill - High Level Alarm
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
F04 - Pipe External Protection - Fiberglass
J01 - Dispenser - Submersible
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double-Walled (Underground)
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

Affiliation Records:

Site Id:	5960
Affiliation Type:	Emergency Contact
Company Name:	NAPA REALTY CORP.
Contact Type:	Not reported
Contact Name:	ROBERTO PORCELLI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 294-3511
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/31/2009

Site Id:	5960
Affiliation Type:	Mail Contact
Company Name:	GASETERIA OIL CORP.
Contact Type:	VP
Contact Name:	ROBERTO PORCELLI
Address1:	364 MASPETH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 782-4200
Phone Ext:	Not reported
Email:	ROBERTOPORCELLI@GASETERIA.COM

BP TRIANGLE (Continued) **U000396451**

Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/30/2009

Site Id:	5960
Affiliation Type:	Owner
Company Name:	NAPA REALTY CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	364 MASPETH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 782-4200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/31/2009

Site Id:	5960
Affiliation Type:	On-Site Operator
Company Name:	BP TRIANGLE
Contact Type:	Not reported
Contact Name:	NAGLE ENERGY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-9618
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/31/2009

HIST UST:

PBS Number:	2-191353
SPDES Number:	Not reported
Emergency Contact:	ROBERTO PORCELLI
Emergency Telephone:	(718) 782-4200
Operator:	GASETERIA OIL CORP
Operator Telephone:	(212) 567-0031
Owner Name:	NAPA REALTY CORP
Owner Address:	364 MASPETH AVE
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Telephone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	NAPA REALTY CORP
Mailing Address:	364 MASPETH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11211

BP TRIANGLE (Continued) **U000396451**

Mailing Contact:	ROBERTO PORCELLI
Mailing Telephone:	(718) 782-4200
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:	265 NAGLE AVE
SWIS ID:	6201
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:	05/30/2000
Expiration Date:	06/05/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	12000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19761201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	13
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Containment:	Other
Leak Detection:	Other
Overfill Prot:	Catch Basin, Float Vent Valve
Dispenser:	Suction
Date Tested:	05/12/2000
Next Test Date:	05/12/2005
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

BP TRIANGLE (Continued) **U000396451**

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19761201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	13
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Containment:	Other
Leak Detection:	Other
Overfill Prot:	Catch Basin, Float Vent Valve
Dispenser:	Suction
Date Tested:	05/12/2000
Next Test Date:	05/12/2005
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19761201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	13
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Containment:	Other
Leak Detection:	Other
Overfill Prot:	Catch Basin, Float Vent Valve
Dispenser:	Suction
Date Tested:	05/12/2000
Next Test Date:	05/12/2005
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

L66 WSW 1/8-1/4 0.171 mi. 905 ft. | **DYCKMAN 3798 TENTH AVENUE NEW YORK CITY, NY** | **LTANKS HIST LTANKS NY Spills** | **S104073520 N/A**

Site 3 of 8 in cluster L

Relative: Lower

Actual: 16 ft.

LTANKS:

Site ID:	319721
Spill No:	9300549
Spill Date:	4/12/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/24/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	4/12/1993
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/13/1993
Spill Record Last Update:	12/30/2005
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	124111
DEC Memo:	Not reported
Remarks:	EIR. See 9409078. George Breen

Material:

Site ID:	319721
Operable Unit ID:	979161
Operable Unit:	01
Material ID:	401301
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

DYCKMAN (Continued) **S104073520**

Tank Test:

Site ID:	319721
Spill Tank Test:	1541397
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	323749
Spill No:	9200115
Spill Date:	4/3/1992
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	4/25/1995
Facility Addr2:	Not reported
Cleanup Ceased:	4/25/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	4/3/1992
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/7/1992
Spill Record Last Update:	12/30/2005
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BWAY.
Spiller City,St,Zip:	NY, NY 10007
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	124111
DEC Memo:	Not reported
Remarks:	UNK. FURTHER ACTION. UPDATE 4/24/92 - TANK #2 RETESTED, FAILED. SEE SPILL # 9300549 & 9315476

Material:

Site ID:	323749
Operable Unit ID:	967346
Operable Unit:	01
Material ID:	414942

DYCKMAN (Continued) **S104073520**

Material Code:	0001
Material Name:	#2 Fuel 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:	323749
Spill Tank Test:	1539826
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown
Site ID:	323749
Spill Tank Test:	1539827
Tank Number:	002
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	330864
Spill No:	9004308
Spill Date:	7/18/1990
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/25/1995
Facility Addr2:	Not reported
Cleanup Ceased:	4/25/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	7/18/1990
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/19/1990
Spill Record Last Update:	12/30/2005

DYCKMAN (Continued) **S104073520**

Spiller Name:	Not reported
Spiller Company:	NYCHA
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:	124111
DEC Memo:	Not reported
Remarks:	(2) 20K TANKS MANIFOLDED FAILED A HORNER EZY CHECK WITH A GROSS LEAK, VISUAL LEAK AT PETROMETER FLANGE ON TANK TOP, WILL EXCAVATE,ISOLATE & RETEST. SEE SPILL # 9300549 & 9315476. See 9409078. George Breen

Material:

Site ID:	330864
Operable Unit ID:	944653
Operable Unit:	01
Material ID:	435407
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	330864
Spill Tank Test:	1537315
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown
Site ID:	330864
Spill Tank Test:	1537316
Tank Number:	002
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9004308

DYCKMAN (Continued) **S104073520**

Spill Date:	07/18/1990
Spill Time:	13:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	04/25/95
Cleanup Ceased:	04/25/95
Cleanup Meets Standard:	True
Investigator:	HEALY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/18/90
Reported to Department Time:	15:25
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 306-3142
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-474843
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/19/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	04/25/95
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	001
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported
PBS Number:	Not reported
Tank Number:	002
Tank Size:	0

DYCKMAN (Continued) **S104073520**

Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: 2) 20K TANKS MANIFOLDED FAILED A HORNER EZY CHECK WITH A GROSS LEAK, VISUAL LEAK AT PETROMETER FLANGE ON TANK TOP, WILL EXCAVATE,ISOLATE RETEST. SEE SPILL 9300549 9315476

Region of Spill: 2
Spill Number: 9409078
Spill Date: 10/07/1994
Spill Time: 07:30
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SACCACIO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/07/94
Reported to Department Time: 09:44
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (212) 306-3142
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: 2-474843

DYCKMAN (Continued) **S104073520**

Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/11/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN HAZARDOUS MATERIAL
Class Type: UNKNOWN HAZARDOUS MATERIAL
Times Material Entry In File: 2093
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: CONTAMINATED SOIL FOUND DURING TANK PULL. SOIL BEING STOCKPILED - SAMPLES TAKEN FOR LAB ANALYSIS

Region of Spill: 2
Spill Number: 9300549
Spill Date: 04/12/1993
Spill Time: 11:30
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

DYCKMAN (Continued) **S104073520**

Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SACCACIO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/12/93
Reported to Department Time:	15:21
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-474843
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/13/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	08/16/95
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	001
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464

DYCKMAN (Continued) **S104073520**

CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: EIR

Region of Spill: 2
Spill Number: 9200115
Spill Date: 04/03/1992
Spill Time: 11:30
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt: 04/25/95
Cleanup Ceased: 04/25/95
Cleanup Meets Standard: True
Investigator: HEALY
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 04/03/92
Reported to Department Time: 15:08
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NYCHA
Spiller Address: 250 BWAY.
Spiller City,St,Zip: NY, NY 10007
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (212) 306-3142
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-474843
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/07/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/25/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 001

DYCKMAN (Continued) **S104073520**

Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
PBS Number: Not reported
Tank Number: 002
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: UNK. FURTHER ACTION. UPDATE 4/24/92 - TANK 2 RETESTED, FAILED. SEE SPILL 9300549 9315476

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

NY Spills:
Site ID: 145673
Facility Addr2: Not reported
Facility ID: 9409078
Spill Number: 9409078
Facility Type: ER
SWIS: 3101
Investigator: jkkann
Referred To: WP RCVD 11/19/08
Spill Date: 10/7/1994
Reported to Dept: 10/7/1994
CID: 15
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Remediation Phase: 1
Date Entered In Computer: 10/11/1994
Spill Record Last Update: 11/24/2008

DYCKMAN (Continued) **S104073520**

Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	124111
DEC Memo:	10/3/08: Spill transferred from J. Kolleeney to J.Kann. 10/09/08: J.kann - Met with NYCHA and their consultant (Prefferred Environmental) on October 3 to discuss requirements of the site. Proposed and agreed to the installation of 5 borings (collection of gw and soil from each) and 1 additional wells (3 wells remains on site, 2 with product). Work Plan will be submitted shortly. 11/24/08: J.Kann - WP submitted on 11/19/08
Remarks:	CONTAMINATED SOIL FOUND DURING TANK PULL. SOIL BEING STOCKPILED - SAMPLES TAKEN FOR LAB ANALYSIS. See 9300549 and 9315476. George Breen.

Material:

Site ID:	145673
Operable Unit ID:	1003087
Operable Unit:	01
Material ID:	378506
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	145673
Operable Unit ID:	1003087
Operable Unit:	01
Material ID:	378507
Material Code:	0063A
Material Name:	UNKNOWN HAZARDOUS MATERIAL
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	145673
Spill Tank Test:	1543225
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

DYCKMAN (Continued) **S104073520**

Test Method: Unknown

J67 **MI CLEANERS** **DRYCLEANERS** **S110247281**
NW **543 W 207TH ST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.171 mi.
905 ft. **Site 3 of 7 in cluster J**

Relative:
Higher

Actual:
23 ft.

DRYCLEANERS:

Facility ID:	2-6201-00302
Region:	2
Registration Effective Date:	N/A
Inspection Date:	03OCT21
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	NOW A RESTAURANT

J68 **M I CLEANER** **RCRA-NonGen** **1000990301**
NW **543 W 207TH ST** **FINDS** **NYR000002600**
1/8-1/4 **NEW YORK, NY 10034** **MANIFEST**
0.171 mi.
905 ft. **Site 4 of 7 in cluster J**

Relative:
Higher

Actual:
23 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	M I CLEANER
Facility address:	543 W 207TH ST NEW YORK, NY 100342645
EPA ID:	NYR000002600
Mailing address:	W 207TH ST NEW YORK, NY 10034
Contact:	Not reported
Contact address:	W 207TH ST NEW YORK, NY 10034
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:	HECTOR ACOSTA
Owner/operator address:	543 W 207TH ST NEW YORK, NY 10034
Owner/operator country:	US
Owner/operator telephone:	(718) 365-0914
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	HECTOR ACOSTA
Owner/operator address:	543 W 207TH ST

M I CLEANER (Continued) **1000990301**

NEW YORK, NY 10034
Owner/operator country: US
Owner/operator telephone: (718) 365-0914
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: M I CLEANER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: M I CLEANER
Classification: Not a generator, verified

Date form received by agency: 04/04/1995
Facility name: M I CLEANER
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004512368

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:

M I CLEANER (Continued) **1000990301**

EPA ID:	NYR000002600
Country:	USA
Mailing Name:	MI CLEANER
Mailing Contact:	RAFAEL DEAZA
Mailing Address:	543 W 207TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10034
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-365-0914

Document ID:	NJA2696940
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	961007
Trans1 Recv Date:	961007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961007
Part A Recv Date:	961024
Part B Recv Date:	961031
Generator EPA ID:	NYR000002600
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
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:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

M I CLEANER (Continued) **1000990301**

Document ID:	NJA2149079
Manifest Status:	Completed copy
Trans1 State ID:	S8690
Trans2 State ID:	Not reported
Generator Ship Date:	950919
Trans1 Recv Date:	950919
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950919
Part A Recv Date:	Not reported
Part B Recv Date:	951003
Generator EPA ID:	NYR000002600
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00585
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

L69 **NYNEX** **MANIFEST** **1009233693**
WSW **204TH STREET / NAGLE AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY**
0.172 mi.
907 ft. **Site 4 of 8 in cluster L**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP000919191
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA3014447
Manifest Status:	Completed copy

NYNEX (Continued) **1009233693**

Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	950314
Trans1 Recv Date:	950314
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950320
Part A Recv Date:	Not reported
Part B Recv Date:	950403
Generator EPA ID:	NYP000919191
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	01200
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

I70 West 1/8-1/4 0.172 mi. 909 ft. **110 POST LLC** **AST** **A100177732**
110 POST AVENUE **N/A**
NEW YORK, NY 10034

Site 5 of 5 in cluster I

Relative: Higher

Actual: 20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-061549
Program Type:	PBS
UTM X:	590974.56078000006
UTM Y:	4524255.22071
Expiration Date:	2011/06/18
Tank Number:	001
Tank Id:	5399
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000

110 POST LLC (Continued) **A100177732**

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:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	1097
Affiliation Type:	Owner
Company Name:	110 POST LLC
Contact Type:	BUILDING MANAGER
Contact Name:	JOSEPH FIGUEROA
Address1:	98 CUTTERMILL ROAD, SUITE 444 SOUTH
Address2:	Not reported
City:	GREAT NECK
State:	NY
Zip Code:	11021
Country Code:	001
Phone:	(718) 225-5046
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/4/2006

Site Id:	1097
Affiliation Type:	Mail Contact
Company Name:	110 POST LLC
Contact Type:	Not reported
Contact Name:	JOSEPH FIGUEROA
Address1:	98 CUTTERMILL ROAD
Address2:	SUITE 444 SOUTH
City:	GREAT NECK
State:	NY
Zip Code:	11021
Country Code:	001
Phone:	(718) 225-5046
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

110 POST LLC (Continued) **A100177732**

Site Id:	1097
Affiliation Type:	On-Site Operator
Company Name:	110 POST LLC
Contact Type:	Not reported
Contact Name:	LUIS BARRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 942-3496
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	1097
Affiliation Type:	Emergency Contact
Company Name:	110 POST LLC
Contact Type:	Not reported
Contact Name:	LUIS BARRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 942-3496
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

L71 **NYNEX** **MANIFEST** **1009234486**
WSW **NAGLE STREET / 204TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY**
0.172 mi.
908 ft. **Site 5 of 8 in cluster L**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:

EPA ID:	NYP000931584
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	V ORCHIER
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA4512969

NYNEX (Continued) **1009234486**

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:	961025
Trans1 Recv Date:	961025
Trans2 Recv Date:	961029
TSD Site Recv Date:	961107
Part A Recv Date:	Not reported
Part B Recv Date:	961204
Generator EPA ID:	NYP000931584
Trans1 EPA ID:	NYD010951986
Trans2 EPA ID:	NYD046765574
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

L72 **518 WEST 204TH ST** **LTANKS** **S109064297**
WSW **518 WEST 204TH** **N/A**
1/8-1/4 **NEW YORK, NY**
0.174 mi.
917 ft. **Site 6 of 8 in cluster L**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	396991
Spill No:	0801121
Spill Date:	4/28/2008
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.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	4/28/2008
CID:	15
Water Affected:	Not reported

518 WEST 204TH ST (Continued) **S109064297**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/28/2008
Spill Record Last Update:	11/3/2008
Spiller Name:	CARMEN SANTIAGO
Spiller Company:	Not reported
Spiller Address:	518 WEST 204TH
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	CARMEN SANTIAGO
Spiller Phone:	(646) 673-6714
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	346448
DEC Memo:	5/2/08 sent ttf letter to: Carmen Santiago The Dermot Company 1775 Broadway, Suite 510 New york, NY 10019 Letter from True Blue Environmental dated Aug 13, 2008 says this site is "Very Bad" see eDocs. 11/3/08 Recieved letter on 10/27/08 from Robert Urban of Pro Test. Tank failed with a dry leak. Cut in top of tank was repaired. Tank passed test on 8/29/08. Letter did not address contamination found (if any). Sent request for contamination discussion in tt return letter that was sent today to: 91 Post LLC Accord Realty Rervices, Inc. 55 West 45th Street, 7th Floor New York, NY 10036 Letter also need clarification on gw determination and tank is registered as AST, but is UST. Information correction application included. bf
Remarks:	DRY LEAK

Material:

Site ID:	396991
Operable Unit ID:	1153955
Operable Unit:	01
Material ID:	2144736
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	396991
Spill Tank Test:	2453609
Tank Number:	Not reported
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/28/2008

518 WEST 204TH ST (Continued) **S109064297**

Test Method: Horner EZ Check I or II

L73 **518 WEST 204TH STREET** **AST** **U003397266**
WSW **518 WEST 204TH STREET** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.174 mi.
921 ft. **Site 7 of 8 in cluster L**

Relative:
Lower

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603578
Program Type:	PBS
UTM X:	590976.47898000001
UTM Y:	4524167.9789300002
Expiration Date:	2012/05/08
Tank Number:	001
Tank Id:	54858
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1980
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:	2/26/2009

Equipment Records:

F00 - Pipe External Protection - None
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
D10 - Pipe Type - Copper
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	25492
Affiliation Type:	Emergency Contact
Company Name:	91 POST, LLC
Contact Type:	Not reported
Contact Name:	DOMINIQUE BAUDUY
Address1:	Not reported
Address2:	Not reported

518 WEST 204TH STREET (Continued) **U003397266**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 235-5655
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/26/2009

Site Id:	25492
Affiliation Type:	On-Site Operator
Company Name:	91 POST, LLC
Contact Type:	Not reported
Contact Name:	MARCOS SUAREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 642-6671
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/26/2009

Site Id:	25492
Affiliation Type:	Mail Contact
Company Name:	C/O THE DERMONT REALTY MGMT.CO.INC
Contact Type:	Not reported
Contact Name:	THAYER STREET PORTFOLIO
Address1:	1775 BROADWAY, SUITE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/26/2009

Site Id:	25492
Affiliation Type:	Owner
Company Name:	THAYER STREET PORTFOLIO
Contact Type:	MGR
Contact Name:	RAJIVE MARET
Address1:	1775 BROADWAY, SUITE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019

518 WEST 204TH STREET (Continued) **U003397266**

Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/26/2009

HIST AST:

PBS Number:	2-603578
SWIS Code:	6201
Operator:	JAMES NADEL
Facility Phone:	(212) 928-2400
Facility Addr2:	518 WEST 204TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	ANTONIO ABREU
Emergency Tel:	(212) 569-2396
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HEIGHTS INVESTMENT GROUP LLC.
Owner Address:	P.O.BOX 87
Owner City,St,Zip:	WHITE PLAINS, NY 10605
Federal ID:	Not reported
Owner Tel:	(212) 928-2400
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JAMES NADEL
Mailing Name:	HEIGHTS INVESTMENTS GROUP LLC
Mailing Address:	P.O. BOX 87
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WHITEPLAINS, NY 10605
Mailing Telephone:	(212) 928-2400
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:	08/05/1998
Expiration:	07/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND

518 WEST 204TH STREET (Continued) **U003397266**

Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	Aboveground
Pipe Type:	FIBERGLASS COATED STEEL
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	26
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

M74 **CATELLO STRIANO** **AST** **A100173677**
NNW **250-252 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10035**
0.176 mi.
931 ft. **Site 1 of 11 in cluster M**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604932
Program Type:	PBS
UTM X:	591104.25176999997
UTM Y:	4524476.8407899998
Expiration Date:	2010/12/26
Tank Number:	001
Tank Id:	59193
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
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:	3/4/2004

CATELLO STRIANO (Continued) **A100173677**

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
F03 - Pipe External Protection - Original Impressed Current
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)

Affiliation Records:

Site Id:	26801
Affiliation Type:	Mail Contact
Company Name:	PAT SEMENTA PLUMBING AND HEATING
Contact Type:	Not reported
Contact Name:	PATRICK L. SEMENTA
Address1:	677 VAN NEST AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10462
Country Code:	001
Phone:	(718) 829-5464
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26801
Affiliation Type:	Emergency Contact
Company Name:	CATELLO STRIANO
Contact Type:	Not reported
Contact Name:	CATELLO STRIANO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 904-9167
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2005

Site Id:	26801
Affiliation Type:	Owner
Company Name:	CATELLO STRIANO
Contact Type:	OWNER
Contact Name:	CATELLO STRINO
Address1:	1960 EDISON AVENUE
Address2:	Not reported
City:	BRONX
State:	NY

CATELLO STRIANO (Continued) **A100173677**

Zip Code:	10461
Country Code:	001
Phone:	(718) 904-9167
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2005

Site Id:	26801
Affiliation Type:	On-Site Operator
Company Name:	CATELLO STRIANO
Contact Type:	Not reported
Contact Name:	SUPER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 449-5144
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/25/2005

M75 **CON EDISON - MH 46213** **RCRA-NonGen** **1008195575**
NNW **260 SHERMAN STREET** **MANIFEST** **NYP004108940**
1/8-1/4 **NEW YORK, NY 10034**
0.176 mi.
931 ft. **Site 2 of 11 in cluster M**

Relative:
Higher

Actual:
22 ft.

RCRA-NonGen:

Date form received by agency:	02/27/2004
Facility name:	CON EDISON - MH 46213
Facility address:	260 SHERMAN STREET NEW YORK, NY 10034
EPA ID:	NYP004108940
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	4 IRVING PLACE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported

CON EDISON - MH 46213 (Continued) **1008195575**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/27/2003
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/27/2003
Owner/Op end date: Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 02/26/2004
Facility name: CON EDISON - MH 46213
Classification: Not a generator, verified

Date form received by agency: 02/25/2004
Facility name: CON EDISON - MH 46213
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004108940
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

CON EDISON - MH 46213 (Continued) **1008195575**

Mailing Phone: 212-460-2808

Document ID: MAM0677667
Manifest Status: Not reported
Trans1 State ID: MAD039322250
Trans2 State ID: Not reported
Generator Ship Date: 03/28/2003
Trans1 Recv Date: 03/28/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/01/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004108940
Trans1 EPA ID: MAD053452637
Trans2 EPA ID: Not reported
TSDF ID: 614146ME
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 09318
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: 03
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

M76 **248 SHERMAN AVE** **AST** **U003386102**
NNW **248 SHERMAN AVE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.177 mi.
932 ft. **Site 3 of 11 in cluster M**

Relative:
Higher

Actual:
23 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-271977
Program Type: PBS
UTM X: 591116.69373000006
UTM Y: 4524472.2517900001
Expiration Date: 2012/10/18

Tank Number: 001
Tank Id: 9179
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron

248 SHERMAN AVE (Continued) **U003386102**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/1/1990
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	1/22/2008

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
I04 - Overfill - Product Level Gauge (A/G)
B05 - Tank External Protection - Jacketed
F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
C03 - Pipe Location - Aboveground/Underground Combination
G99 - Tank Secondary Containment - Other

Affiliation Records:

Site Id:	11501
Affiliation Type:	On-Site Operator
Company Name:	BPIV-SHERMAN AVE OWNER , LLC
Contact Type:	Not reported
Contact Name:	NEFTALI PINERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 807-3117
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	1/22/2008

Site Id:	11501
Affiliation Type:	Emergency Contact
Company Name:	BPIV-248 SHERMAN AVE OWNER LLC
Contact Type:	Not reported
Contact Name:	SANDRA CARPIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 225-5938
Phone Ext:	Not reported

248 SHERMAN AVE (Continued) **U003386102**

Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	1/22/2008

Site Id:	11501
Affiliation Type:	Mail Contact
Company Name:	VANTAGE MANAGEMENT SERVICES, LLC
Contact Type:	Not reported
Contact Name:	TACIA ARBONA
Address1:	31-10 37TH AVENUE
Address2:	3RD FLOOR
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 685-3347
Phone Ext:	Not reported
Email:	TARBONA@VANTAGENY.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	4/22/2008

Site Id:	11501
Affiliation Type:	Owner
Company Name:	BPIV-248 SHERMAN AVENUE OWNER LLC
Contact Type:	ASST MANAGER
Contact Name:	TACIA ARBONA
Address1:	31-10 37TH AVE, 3RD FLOOR
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(888) 867-2497
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	4/24/2008

HIST AST:

PBS Number:	2-271977
SWIS Code:	6201
Operator:	MR GEORGE ELLIS
Facility Phone:	(212) 942-2623
Facility Addr2:	248 SHERMAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	MR JIMMY CALDWELL
Emergency Tel:	(212) 567-0538
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	248 SHERMAN AVE CORP
Owner Address:	P O BOX 186
Owner City,St,Zip:	NEW YORK, NY 10033

248 SHERMAN AVE (Continued) **U003386102**

Federal ID:	Not reported
Owner Tel:	(212) 942-2623
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	GOERGE ELLIS
Mailing Name:	248 SHERMAN AVE CORP
Mailing Address:	P O BOX 186
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10033
Mailing Telephone:	(212) 942-2623
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/11/1997
Expiration:	06/18/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	5
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Other
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

M77 NW 1/8-1/4 0.177 mi. 935 ft. | **241-51 SHERMAN AVE**
241-51 SHERMAN AVE
NY, NY 10034

Site 4 of 11 in cluster M

AST **U003387326**
HIST AST **N/A**

Relative: Higher

Actual: 23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-250775
Program Type:	PBS
UTM X:	591076.16514000006
UTM Y:	4524462.2625500001
Expiration Date:	2015/01/11
Tank Number:	001
Tank Id:	11687
Tank Location:	3
Tank Type:	Fiberglass Coated Steel
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/11/1997
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:	1/14/2010

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	10027
Affiliation Type:	Mail Contact
Company Name:	PINNACLE MANAGING CO. LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1 PENN PLAZA - SUITE 4000
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001

241-51 SHERMAN AVE (Continued) **U003387326**

Phone:	(212) 564-2111
Phone Ext:	3021
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/14/2010

Site Id:	10027
Affiliation Type:	Owner
Company Name:	241 SHERMAN LLC
Contact Type:	MEMBER
Contact Name:	MEIR BOUSKILA
Address1:	1 PENN PLAZA SUITE 4000
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/14/2010

Site Id:	10027
Affiliation Type:	On-Site Operator
Company Name:	241 SHERMAN LLC
Contact Type:	Not reported
Contact Name:	JOSE BATISTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 523-0735
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/14/2010

Site Id:	10027
Affiliation Type:	Emergency Contact
Company Name:	JOHN LOPEZ
Contact Type:	Not reported
Contact Name:	MARC BARHORIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7142
Phone Ext:	3021
Email:	Not reported

241-51 SHERMAN AVE (Continued) **U003387326**

Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/14/2010

HIST AST:

PBS Number:	2-250775
SWIS Code:	6201
Operator:	EDDIE CEPEDA
Facility Phone:	(212) 419-4566
Facility Addr2:	241 SHERMAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	DEL ARAGONA
Emergency Tel:	(212) 977-8828
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	WADSWORTH ASSOCIATES 9
Owner Address:	1780 BROADWAY
Owner City,St,Zip:	NYC, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 977-8828
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SUPER FACILITY MANAGER
Mailing Name:	ARAGONA MANAGEMENT
Mailing Address:	1780 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NYC, NY 10019
Mailing Telephone:	(212) 977-8828
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:	06/29/1998
Expiration:	07/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

241-51 SHERMAN AVE (Continued) **U003387326**

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
Tank Containment:	41
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

M78 **521 ISHAM ST** **AST** **U003386225**
NNW **521 ISHAM ST** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.178 mi.
942 ft. **Site 5 of 11 in cluster M**

Relative:
Higher

Actual:
22 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-206121
Program Type:	PBS
UTM X:	591164.10583000001
UTM Y:	4524509.8087900002
Expiration Date:	2014/07/01
Tank Number:	001
Tank Id:	9483
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1930
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:	7/23/2009

Equipment Records:

K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

521 ISHAM ST (Continued) **U003386225**

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping

Affiliation Records:

Site Id:	7250
Affiliation Type:	Emergency Contact
Company Name:	ISHAM 521,LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7250
Affiliation Type:	Owner
Company Name:	ISHAM 521,LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	108-18 QUEENS BLVD.,SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7250
Affiliation Type:	Mail Contact
Company Name:	ISHAM 521,LLC
Contact Type:	Not reported
Contact Name:	BRONSTEIN PROPERTIES, LLC
Address1:	108-18 QUEENS BLVD.,SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375

521 ISHAM ST (Continued) **U003386225**

Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

Site Id:	7250
Affiliation Type:	On-Site Operator
Company Name:	ISHAM 521,LLC
Contact Type:	Not reported
Contact Name:	MAXIMO RODRIGUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 726-7367
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/23/2009

HIST AST:

PBS Number:	2-206121
SWIS Code:	6201
Operator:	CAMILO LOPEZ
Facility Phone:	(212) 567-0986
Facility Addr2:	521 ISHAM ST
Facility Type:	Not reported
Emergency:	HOWARD SORKIN
Emergency Tel:	(212) 993-0300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	HARVARD EQUITIES, INC. C/O SIERRA ASSETS GOURP LTD
Owner Address:	30 GLENN STREET
Owner City,St,Zip:	WHITE PLAINS, NY 10603
Federal ID:	Not reported
Owner Tel:	(914) 993-0300
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	HARVARD EQUITIES, INC.
Mailing Name:	C/O SIERRA ASSETS GROUP, LTD.
Mailing Address:	30 GLENN STREET, BOX 399
Mailing Address 2:	Not reported
Mailing City,St,Zip:	WHITE PLAINS, NY 10603
Mailing Telephone:	(917) 993-0300
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False

521 ISHAM ST (Continued) **U003386225**

Certification Date:	05/21/1998
Expiration:	05/11/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
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
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

N79 **272 SHERMAN AVENUE** **AST** **U003384352**
NNW **272 SHERMAN AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10040**
0.180 mi.
950 ft. **Site 1 of 4 in cluster N**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-091472
Program Type:	PBS
UTM X:	591199.56111000001
UTM Y:	4524512.2454599999
Expiration Date:	2012/06/24

272 SHERMAN AVENUE (Continued) **U003384352**

Tank Number:	001
Tank Id:	3623
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/31/1989
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:	KXTANG
Last Modified:	10/1/2007

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	2298
Affiliation Type:	On-Site Operator
Company Name:	272 SHERMAN AVENUE
Contact Type:	Not reported
Contact Name:	MANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-8566
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/1/2007

Site Id:	2298
Affiliation Type:	Mail Contact
Company Name:	AGGRESSIVE HEATING, INC.
Contact Type:	Not reported
Contact Name:	MARSHA BALLOW
Address1:	78 RAPELYE STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY

272 SHERMAN AVENUE (Continued) **U003384352**

Zip Code:	11231
Country Code:	001
Phone:	(718) 836-9222
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/16/2008

Site Id:	2298
Affiliation Type:	Owner
Company Name:	272 SHERMAN LLC C/O NEW REALTY
Contact Type:	PRESIDENT
Contact Name:	ZAHAVA DUAHI
Address1:	450 7TH AVE SUITE 907
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10123
Country Code:	001
Phone:	(212) 643-8117
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/1/2007

Site Id:	2298
Affiliation Type:	Emergency Contact
Company Name:	272 SHERMAN LLC C/O NEW REALTY
Contact Type:	Not reported
Contact Name:	MANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 570-0865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/1/2007

HIST AST:

PBS Number:	2-091472
SWIS Code:	6201
Operator:	ELIGIO DE LA ROSA
Facility Phone:	(212) 569-3473
Facility Addr2:	272 SHERMAN AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	ISAAC HEITZ
Emergency Tel:	(718) 851-3473
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported

272 SHERMAN AVENUE (Continued) **U003384352**

Result of Inspection:	Not reported
Owner Name:	SHERMAN PARTNERS ASSOCIATES LLC
Owner Address:	272 SHERMAN AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 851-4114
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	ISAAC HEITZ
Mailing Name:	C/O MANOR MANAGEMENT
Mailing Address:	5114-7T HAMILTON PARKWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11219
Mailing Telephone:	(718) 851-4114
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:	05/30/1997
Expiration:	05/07/2002
Renew Flag:	False
Renew 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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Vault (w/access)
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	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

272 SHERMAN AVENUE (Continued) **U003384352**

Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

L80 West 1/8-1/4 0.180 mi. 952 ft. **541-551 WEST 204TH STREET** **AST** **U003394553**
541-551 WEST 204TH STREET **HIST AST** **N/A**
NEW YORK, NY 10034

Site 8 of 8 in cluster L

Relative: Lower

Actual: 18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-457396
Program Type:	PBS
UTM X:	590959.76326000004
UTM Y:	4524202.7401200002
Expiration Date:	2014/01/18
Tank Number:	001
Tank Id:	36806
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1927
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:	1/15/2009

Equipment Records:

J02 - Dispenser - Suction
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	20209
Affiliation Type:	On-Site Operator
Company Name:	541-551 WEST 204TH STREET
Contact Type:	Not reported
Contact Name:	RAFAEL ORTEGA

541-551 WEST 204TH STREET (Continued) **U003394553**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-0608
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/15/2009

Site Id:	20209
Affiliation Type:	Emergency Contact
Company Name:	204 REALTY, LLC.
Contact Type:	Not reported
Contact Name:	AARON BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 731-2383
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20209
Affiliation Type:	Owner
Company Name:	204 REALTY, LLC.
Contact Type:	VP
Contact Name:	AARON BAUER
Address1:	1624 WEBSTER AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 583-4905
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/15/2009

Site Id:	20209
Affiliation Type:	Mail Contact
Company Name:	BB & BB MANAGEMENT CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1624 WEBSTER AVENUE
Address2:	Not reported
City:	BRONX

541-551 WEST 204TH STREET (Continued) **U003394553**

State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 583-4905
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-457396
SWIS Code:	6201
Operator:	JULIO APONTE
Facility Phone:	(212) 569-2691
Facility Addr2:	541 WEST 204TH STREET
Facility Type:	APARTMENT BUILDING
Emergency:	AARON BAUER
Emergency Tel:	(212) 731-2383
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	204 REALTY, LLC.
Owner Address:	1624 WEBSTER AVENUE
Owner City,St,Zip:	BRONX, NY 10457
Federal ID:	Not reported
Owner Tel:	(718) 583-4905
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	BB & BB MANAGEMENT CORP.
Mailing Address:	1624 WEBSTER AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10457
Mailing Telephone:	(718) 583-4905
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:	10/15/1999
Expiration:	01/18/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

541-551 WEST 204TH STREET (Continued) **U003394553**

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	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
SPDES Number:	Not reported
Lat/Long:	Not reported

N81 **276 SHERMAN AVENUE** **AST** **U003394555**
North **276 SHERMAN AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.182 mi.
962 ft. **Site 2 of 4 in cluster N**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-457426
Program Type:	PBS
UTM X:	591210.36679
UTM Y:	4524517.7082399996
Expiration Date:	2014/01/18
Tank Number:	001
Tank Id:	36808
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1926
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS

276 SHERMAN AVENUE (Continued) **U003394555**

Last Modified: 1/20/2009

Equipment Records:

L00 - Piping Leak Detection - None
J02 - Dispenser - Suction
G02 - Tank Secondary Containment - Vault (w/access)
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	20211
Affiliation Type:	Mail Contact
Company Name:	BB & BB MANAGEMENT CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1624 WEBSTER AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 583-4905
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20211
Affiliation Type:	Emergency Contact
Company Name:	276 REALTY, LLC.
Contact Type:	Not reported
Contact Name:	AARON BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 731-2383
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20211
Affiliation Type:	On-Site Operator
Company Name:	276 SHERMAN AVENUE
Contact Type:	Not reported

276 SHERMAN AVENUE (Continued) **U003394555**

Contact Name:	MIGUEL TRINIDAD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-7938
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20211
Affiliation Type:	Owner
Company Name:	276 REALTY, LLC.
Contact Type:	VP
Contact Name:	AARON BAUER
Address1:	1624 WEBSTER AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 583-4905
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/20/2009

HIST AST:

PBS Number:	2-457426
SWIS Code:	6201
Operator:	ANTONIO PENA
Facility Phone:	(212) 567-0666
Facility Addr2:	276 SHERMAN AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	AARON BAUER
Emergency Tel:	(718) 731-2383
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	276 REALTY, LLC.
Owner Address:	1624 WEBSTER AVENUE
Owner City,St,Zip:	BRONX, NY 10457
Federal ID:	Not reported
Owner Tel:	(718) 583-4905
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	BB & BB MANAGEMENT CORP.
Mailing Address:	1624 WEBSTER AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10457

276 SHERMAN AVENUE (Continued) **U003394555**

Mailing Telephone:	(718) 583-4905
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:	10/15/1999
Expiration:	01/18/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	Not reported
Dispenser Method:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

J82 **231 SHERMAN AVE** **AST** **U003386067**
NW **231 SHERMAN AVE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.184 mi.
970 ft. **Site 5 of 7 in cluster J**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-271322
Program Type:	PBS
UTM X:	591075.96161
UTM Y:	4524439.7736799996
Expiration Date:	2012/06/18
Tank Number:	001
Tank Id:	9096
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/21/1939
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DXLIVING
Last Modified:	6/19/2007

Equipment Records:

A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	11443
Affiliation Type:	On-Site Operator
Company Name:	231 SHERMAN AVE
Contact Type:	Not reported
Contact Name:	FELIX SANCHEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 538-3115
Phone Ext:	Not reported

231 SHERMAN AVE (Continued) **U003386067**

Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/19/2007

Site Id:	11443
Affiliation Type:	Owner
Company Name:	SHERMAN REALTY LLC
Contact Type:	MEMBER
Contact Name:	RICHARD SCHARF
Address1:	PO BOX 574
Address2:	Not reported
City:	CEDARHURST
State:	NY
Zip Code:	11516
Country Code:	001
Phone:	(718) 327-9640
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/19/2007

Site Id:	11443
Affiliation Type:	Mail Contact
Company Name:	SHERMAN REALTY LLC
Contact Type:	MEMBER
Contact Name:	RICHARD SCHARF
Address1:	PO BOX 574
Address2:	Not reported
City:	CEDARHURST
State:	NY
Zip Code:	11516
Country Code:	001
Phone:	(718) 327-9640
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	6/19/2007

Site Id:	11443
Affiliation Type:	Emergency Contact
Company Name:	SHERMAN REALTY LLC
Contact Type:	Not reported
Contact Name:	M SCHARF
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 569-7001
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

231 SHERMAN AVE (Continued) **U003386067**

Date Last Modified: 3/4/2004

HIST AST:

PBS Number:	2-271322
SWIS Code:	6201
Operator:	JUAN RUIZ
Facility Phone:	(212) 569-0391
Facility Addr2:	231 SHERMAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	M SCHARF
Emergency Tel:	(516) 569-7001
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	A SCHARF
Owner Address:	PO BOX 574
Owner City,St,Zip:	CEDARHURST, NY 11516
Federal ID:	Not reported
Owner Tel:	(718) 327-9640
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	ABRAHAM SCHARF
Mailing Name:	A SCHARF
Mailing Address:	PO BOX 574
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CEDARHURST, NY 11516
Mailing Telephone:	(718) 327-9640
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:	07/30/1997
Expiration:	06/18/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported

231 SHERMAN AVE (Continued) **U003386067**

Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

J83 **MULTIPLE DWELLING** **HIST UST** **U000416859**
NW **232 SHERMAN AVE** **N/A**
1/8-1/4 **NEW YORK CITY, NY 10034**
0.185 mi.
978 ft. **Site 6 of 7 in cluster J**

Relative:
Higher

Actual:
23 ft.

HIST UST:

PBS Number:	2-274119
SPDES Number:	Not reported
Emergency Contact:	JEFF FARKAS
Emergency Telephone:	(718) 263-5211
Operator:	CURT REALTY CORP LLC
Operator Telephone:	(718) 263-5211
Owner Name:	CURT REALTY CORP LLV
Owner Address:	PO BOX 750443
Owner City,St,Zip:	FOREST HILLS, NY 11375
Owner Telephone:	(718) 263-5211
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	CURT REALTY CORP LLC
Mailing Address:	PO BOX 750443
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOREST HILLS, NY 11375
Mailing Contact:	JEFF FARKAS
Mailing Telephone:	(718) 263-5211
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:	232 SHERMAN AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	06/23/1997

MULTIPLE DWELLING (Continued) **U000416859**

Expiration Date:	06/30/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
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:	Diking
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

J84 **SHERMAN 232, LLC** **UST** **U004077081**
NW **232 SHERMAN AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.185 mi.
978 ft. **Site 7 of 7 in cluster J**

Relative:
Higher

Actual:
23 ft.

UST:

Facility Id:	2-274119
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2010/08/09
UTM X:	591060.54526000004
UTM Y:	4524445.9117900003
Site ID:	11695

SHERMAN 232, LLC (Continued) **U004077081**

Tank Number:	001
Tank ID:	9209
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)

Affiliation Records:

Site Id:	11695
Affiliation Type:	On-Site Operator
Company Name:	SHERMAN 232, LLC
Contact Type:	Not reported
Contact Name:	JULIO ORTIZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-0391
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/9/2005

Site Id:	11695
Affiliation Type:	Emergency Contact
Company Name:	SHERMAN 232, LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported

SHERMAN 232, LLC (Continued) **U004077081**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/9/2005

Site Id:	11695
Affiliation Type:	Mail Contact
Company Name:	BRONSTEIN PROPERTIES, LLC.
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD, SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/9/2005

Site Id:	11695
Affiliation Type:	Owner
Company Name:	SHERMAN 232, LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD, SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/9/2005

O85 **DYCKMAN HOUSES** **UST** **U000410772**
WSW **3798 10TH AVENUE** **HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.186 mi.
984 ft. **Site 1 of 3 in cluster O**

Relative:
Lower

Actual:
15 ft.

UST:

Facility Id:	2-474843
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS

DYCKMAN HOUSES (Continued) **U000410772**

Expiration Date:	2014/03/28
UTM X:	591017.53394999995
UTM Y:	4524071.89377
Site ID:	20948

Tank Number:	1
Tank ID:	49022
Tank Status:	In Service
Tank Model:	106
Pipe Model:	Not reported
Install Date:	11/1/1994
Capacity Gallons:	30000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Fiberglass coated steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	9/16/2008

Equipment Records:

C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F06 - Pipe External Protection - Wrapped
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	OLD 1
Tank ID:	37686
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/1951
Capacity Gallons:	20000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	11/1/1994
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None

DYCKMAN HOUSES (Continued) **U000410772**

G00 - Tank Secondary Containment - None
F06 - Pipe External Protection - Wrapped
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number:	OLD 2
Tank ID:	37687
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/1951
Capacity Gallons:	20000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	11/1/1994
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
F06 - Pipe External Protection - Wrapped
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	20948
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION COORDINATOR
Address1:	23-02 49TH AVENUE
Address2:	23-02 49TH AVENUE
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/16/2008

Site Id:	20948

DYCKMAN HOUSES (Continued) **U000410772**

Affiliation Type:	Owner
Company Name:	NEW YORK CITY HOUSING AUTHORITY
Contact Type:	FUEL OIL REMEDIATION COORDINATOR
Contact Name:	Not reported
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	1/22/2010

Site Id:	20948
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	bkfalvey
Date Last Modified:	1/14/2009

Site Id:	20948
Affiliation Type:	On-Site Operator
Company Name:	DYCKMAN HOUSES
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/16/2008

HIST UST:

PBS Number:	2-474843
SPDES Number:	Not reported
Emergency Contact:	EMERGENCY SERVICE DEPT.

DYCKMAN HOUSES (Continued) **U000410772**

Emergency Telephone:	(718) 289-3940
Operator:	LUIS PONCE
Operator Telephone:	(718) 707-5725
Owner Name:	NYC HOUSING AUTHORITY
Owner Address:	23-02 49TH AVENUE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 707-5725
Owner Type:	Local Government
Owner Subtype:	51
Mailing Name:	NYC HOUSING AUTHORITY
Mailing Address:	23-02 49TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	LUIS PONCE
Mailing Telephone:	(718) 707-5725
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:	215 NAGLE AVENUE (MANAGEMENT OFFICE)
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/13/2000
Expiration Date:	03/28/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	30000
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:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19510401
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Wrapped (Piping)

DYCKMAN HOUSES (Continued) **U000410772**

Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19941101
Capacity (gals):	30000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Fiberglass coated steel
Tank Internal:	None
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Catch Basin, High Level Alarm
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:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19510401
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Wrapped (Piping)
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported

DYCKMAN HOUSES (Continued) **U000410772**

Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	11/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

M86 **530 ISHAM STREET PARTNERS** **AST** **U003395583**
NNW **530 ISHAM STREET** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.187 mi.
986 ft. **Site 6 of 11 in cluster M**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-600217
Program Type:	PBS
UTM X:	591152.17709999997
UTM Y:	4524506.5526999999
Expiration Date:	2012/04/23
Tank Number:	001
Tank Id:	41583
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/6/1953
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	6/27/2007

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	22200
Affiliation Type:	On-Site Operator

530 ISHAM STREET PARTNERS (Continued) **U003395583**

Company Name:	K INWOOD LLC
Contact Type:	Not reported
Contact Name:	ISRAEL FRANKEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-4288
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

Site Id:	22200
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	YURI GEYLIK
Address1:	56 WILLOUGHBY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-6110
Phone Ext:	115
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	10/23/2007

Site Id:	22200
Affiliation Type:	Emergency Contact
Company Name:	530 ISHAM STREET OWNER, LLC
Contact Type:	Not reported
Contact Name:	JACK JAFFA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 781-6110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

Site Id:	22200
Affiliation Type:	Owner
Company Name:	530 ISHAM STREET OWNER, LLC
Contact Type:	OFFICER
Contact Name:	JACK JAFFA

530 ISHAM STREET PARTNERS (Continued) **U003395583**

Address1:	56 WILLOUGHBY STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-6110
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/27/2007

HIST AST:

PBS Number:	2-600217
SWIS Code:	6201
Operator:	LYDIA GONZALEZ
Facility Phone:	(212) 569-5077
Facility Addr2:	530 ISHAM STREET
Facility Type:	APARTMENT BUILDING
Emergency:	JOEL ARAGONA
Emergency Tel:	(212) 977-8828
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	530 ISHAM ST PARTNERS C/0 ARAGONA MGMNT.
Owner Address:	1780 BROADWAY
Owner City,St,Zip:	NEW YORK, NY 10019
Federal ID:	Not reported
Owner Tel:	(212) 977-8828
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JOEL ARAGONA
Mailing Name:	ARAGONA MGMT.
Mailing Address:	1780 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10019
Mailing Telephone:	(212) 977-8828
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:	06/01/2001
Expiration:	07/17/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62

530 ISHAM STREET PARTNERS (Continued) **U003395583**

Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

P87 **207 SHERMAN ASSOC. LLC** **AST** **A100146982**
NW **221 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.193 mi.
1018 ft. **Site 1 of 7 in cluster P**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-309893
Program Type:	PBS
UTM X:	591044.12011999998
UTM Y:	4524424.5033400003
Expiration Date:	2014/05/25
Tank Number:	001
Tank Id:	24314
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1949
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

207 SHERMAN ASSOC. LLC (Continued) **A100146982**

Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 2/27/2009

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other

Affiliation Records:

Site Id: 14145
Affiliation Type: Mail Contact
Company Name: SDG MANAGEMENT CORP
Contact Type: Not reported
Contact Name: 207 SHERMAN ASSOC LLC
Address1: 888 SEVENTH AVENUE
Address2: 24TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 660-1237
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/7/2005

Site Id: 14145
Affiliation Type: Owner
Company Name: 207 SHERMAN ASSOCIATES, LLC.
Contact Type: AGENT
Contact Name: CYNTHIA MARRERO
Address1: 888 7TH AVE, 24TH FL.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 755-5390
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2/27/2009

Site Id: 14145
Affiliation Type: On-Site Operator
Company Name: 207 SHERMAN ASSOC. LLC

207 SHERMAN ASSOC. LLC (Continued) **A100146982**

Contact Type:	Not reported
Contact Name:	LUIS VENTHRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 245-2197
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/5/2004

Site Id:	14145
Affiliation Type:	Emergency Contact
Company Name:	207 SHERMAN ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	SDG MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/5/2004

Q88 **SHERMAN PETROLEUM, LLC** **UST** **U001839107**
North **3936 10TH AVENUE** **HIST UST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.193 mi.
1020 ft. **Site 1 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

UST:

Facility Id:	2-337870
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2013/10/15
UTM X:	591266.04370000004
UTM Y:	4524534.3844100004
Site ID:	16214

Tank Number:	001
Tank ID:	28887
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1984
Capacity Gallons:	4000
Tightness Test Method:	14

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B00 - Tank External Protection - None

Tank Number:	002
Tank ID:	28888
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1984
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	003
Tank ID:	28889
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1984
Capacity Gallons:	4000
Tightness Test Method:	14

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
I00 - Overfill - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	004
Tank ID:	28890
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1984
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/1/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	1
Tank ID:	62782
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/2002
Capacity Gallons:	12000
Tightness Test Method:	NN

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	11/6/2006
Register:	True
Modified By:	dxliving
Last Modified:	1/5/2009

Equipment Records:

K01 - Spill Prevention - Catch Basin
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E00 - Piping Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
F04 - Pipe External Protection - Fiberglass
J01 - Dispenser - Submersible
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	2
Tank ID:	62783
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/2002
Capacity Gallons:	12000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	11/6/2002
Register:	True
Modified By:	dxliving
Last Modified:	1/5/2009

Equipment Records:

E00 - Piping Secondary Containment - None
J01 - Dispenser - Submersible
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F04 - Pipe External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Tank Number:	3
Tank ID:	62784
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	4/1/2002
Capacity Gallons:	12000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	11/6/2002
Register:	True
Modified By:	dxliving
Last Modified:	1/5/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Submersible
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
F04 - Pipe External Protection - Fiberglass
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)

Affiliation Records:

Site Id:	16214
Affiliation Type:	Mail Contact
Company Name:	GILBARCO VEEDER-ROOT CMS
Contact Type:	Not reported
Contact Name:	COMPLIANCE MANAGEMENT SERVICES
Address1:	7300 W. FRIENDLY AVE., MS F-76
Address2:	PO BOX 22087
City:	GREENSBORO
State:	NC
Zip Code:	27420
Country Code:	001
Phone:	(800) 253-8054
Phone Ext:	Not reported
Email:	ATLANTIS@GILBARCO.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	16214
Affiliation Type:	On-Site Operator
Company Name:	SHERMAN PETROLEUM, LLC
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 642-4351
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	16214
Affiliation Type:	Emergency Contact
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	Not reported
Contact Name:	ENVIRONMENTAL HELPDESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 997-7725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	7/8/2009

Site Id:	16214
Affiliation Type:	Owner
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	OWNER'S AUTHORIZED AGENT
Contact Name:	ADRIANNE RUTHERFORD
Address1:	555 S. COLUMBUS AVE., SUITE 201
Address2:	Not reported
City:	MOUNT VERNON
State:	NY
Zip Code:	10550
Country Code:	001
Phone:	(914) 699-9500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

HIST UST:

PBS Number:	2-337870
SPDES Number:	Not reported
Emergency Contact:	AMOCO OIL CO
Emergency Telephone:	(800) 892-6626
Operator:	DANIA VILLALAONA
Operator Telephone:	(212) 304-2610
Owner Name:	AMOCO OIL COMPANY - RAE ADAMS
Owner Address:	MORRIS CORP.CTR.1-BLDG.C/300 INTERP.PKWA

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Owner City,St,Zip:	PARSIPPANY, NJ 07054-1177
Owner Telephone:	(800) 802-6626
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	AMOCO OIL COMPANY - RAE ADAMS
Mailing Address:	MORRIS CORPORATE CENTER 1-BLDG. C.
Mailing Address 2:	300 INTERPACE PARKWAY
Mailing City,St,Zip:	PARSIPPANY, NJ 07054-1177
Mailing Contact:	Not reported
Mailing Telephone:	(973) 331-7012
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:	3936 10TH AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1997
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16000
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:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
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:	Not reported
Dispenser:	Submersible
Date Tested:	02/01/1995

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Next Test Date:	02/01/2000
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:	002
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
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:	Not reported
Dispenser:	Submersible
Date Tested:	02/01/1995
Next Test Date:	02/01/2000
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:	003
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
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:	Not reported
Dispenser:	Submersible
Date Tested:	02/01/1995
Next Test Date:	02/01/2000
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported

SHERMAN PETROLEUM, LLC (Continued) **U001839107**

Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19841201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
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:	Not reported
Dispenser:	Submersible
Date Tested:	02/01/1995
Next Test Date:	02/01/2000
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Tankology [Vacutect]
Deleted:	False
Updated:	True
Lat/long:	Not reported

Q89 **B P PRODUCTS NORTH AMERICA INC #20999** **RCRA-CESQG** **1007571111**
North **3936 10TH AVE** **MANIFEST** **NYR000126706**
1/8-1/4 **NEW YORK, NY 10034**
0.193 mi.
1020 ft. **Site 2 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	B P PRODUCTS NORTH AMERICA INC #20999
Facility address:	3936 10TH AVE NEW YORK, NY 10034
EPA ID:	NYR000126706
Mailing address:	PO BOX 6038 ARTESIA, NY 907026038
Contact:	PAULA SKRYJA
Contact address:	PO BOX 6038 ARTESIA, NY 907026038
Contact country:	US
Contact telephone:	(410) 551-6074
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

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

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

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/16/2002
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:	10/16/2002
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

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:	Unknown
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
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	B P PRODUCTS NORTH AMERICA INC #20999
Classification:	Conditionally Exempt Small Quantity Generator

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

Date form received by agency: 07/29/2004
Facility name: B P PRODUCTS NORTH AMERICA INC #20999
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000126706
Country: USA
Mailing Name: BP PRODUCTS NORTH AMERICA AMOCO 20999
Mailing Contact: N/S
Mailing Address: PO BOX 80249
Mailing Address 2: Not reported
Mailing City: RANCHO SANTA MARGARITA
Mailing State: CA
Mailing Zip: 92688
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 949-460-5200

Document ID: 06
Manifest Status: 001274545JJK
Trans1 State ID: NYR000126706
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJR000023036
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: 200
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
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

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

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	2008-10-17
Trans1 Recv Date:	2008-10-17
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-10-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
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:	08
Manifest Tracking Num:	001274744JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-05
Trans1 Recv Date:	2008-05-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

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:	08
Manifest Tracking Num:	001274728JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	NJA5246489
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	12/19/2005
Trans1 Recv Date:	12/19/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/19/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	56247
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00200
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:	2005
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	3/2/2007
Trans1 Recv Date:	3/2/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	3/5/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	07
Manifest Tracking Num:	001274587JJK
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:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-05
Trans1 Recv Date:	2008-05-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
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

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

Year:	08
Manifest Tracking Num:	001274728JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-05
Trans1 Recv Date:	2008-05-05
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
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:	08
Manifest Tracking Num:	001274728JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	Y
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	NJA5246489
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	12/19/2005
Trans1 Recv Date:	12/19/2005

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/19/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	56247
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00200
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:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	07
Manifest Status:	001274587JJK
Trans1 State ID:	NYR000126706
Trans2 State ID:	Not reported
Generator Ship Date:	NJD991291105
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	NJR000023036
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:	2
Number of Containers:	DM
Container Type:	400
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

B P PRODUCTS NORTH AMERICA INC #20999 (Continued) **1007571111**

Specific Gravity:	Not reported
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	2007-03-02
Trans1 Recv Date:	2007-03-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-03-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	400.0
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:	07
Manifest Tracking Num:	001274587JJK
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

R90 **POST AVENUE ASSOCIATES** **AST** **U003390534**
West **101-109 POST AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.194 mi.
1022 ft. **Site 1 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-151653
Program Type:	PBS
UTM X:	590953.98869000003
UTM Y:	4524264.2631000001
Expiration Date:	2012/08/26
Tank Number:	001
Tank Id:	19421
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F06 - Pipe External Protection - Wrapped
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	4703
Affiliation Type:	On-Site Operator
Company Name:	POST AVENUE ASSOCIATES
Contact Type:	Not reported
Contact Name:	ALFREDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 342-7070
Phone Ext:	Not reported

POST AVENUE ASSOCIATES (Continued) **U003390534**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4703
Affiliation Type:	Emergency Contact
Company Name:	POST AVENUE ASSOCIATES C/O M.P. MANAGEMENT
Contact Type:	Not reported
Contact Name:	ALFREDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-9128
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4703
Affiliation Type:	Mail Contact
Company Name:	ABILENE, INC.
Contact Type:	Not reported
Contact Name:	SABI BONOMOLO
Address1:	2402 NEPTUNE AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	PA
Zip Code:	11224
Country Code:	001
Phone:	(718) 372-4210
Phone Ext:	Not reported
Email:	SABI@ABILENEINC.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/7/2007

Site Id:	4703
Affiliation Type:	Owner
Company Name:	POST AVENUE ASSOCIATES C/O M.P. MANAGEMENT
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1274 49TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 972-7660
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

POST AVENUE ASSOCIATES (Continued) **U003390534**

Date Last Modified: 3/4/2004

HIST AST:

PBS Number:	2-151653
SWIS Code:	6201
Operator:	ALFREDO
Facility Phone:	(646) 342-7070
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	ALFREDO
Emergency Tel:	(212) 569-9128
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	POST AVENUE ASSOCIATES C/O M.P. MANAGEMENT
Owner Address:	1274 49TH STREET
Owner City,St,Zip:	BROOKLYN, NY 11219
Federal ID:	Not reported
Owner Tel:	(718) 972-7660
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SABI BONOMOLO
Mailing Name:	ABILENE, INC.
Mailing Address:	2402 NEPTUNE AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11224
Mailing Telephone:	(718) 372-4210
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:	11/05/2001
Expiration:	08/26/2012
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0

POST AVENUE ASSOCIATES (Continued) **U003390534**

Tank External:	0
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	06
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	04
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

R91 **ALDUS ST CORP** **AST** **U003393989**
West **100 POST AVENUE** **HIST AST** **N/A**
1/8-1/4 **N Y C, NY 10034**
0.195 mi.
1029 ft. **Site 2 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-349763
Program Type:	PBS
UTM X:	590952.10277
UTM Y:	4524244.5075000003
Expiration Date:	1993/05/19
Tank Number:	001
Tank Id:	33610
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None

ALDUS ST CORP (Continued) **U003393989**

D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	17232
Affiliation Type:	Emergency Contact
Company Name:	ISMAEL RAMIREZ
Contact Type:	Not reported
Contact Name:	ISMAEL RAMIREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17232
Affiliation Type:	Mail Contact
Company Name:	ISMAEL RAMIREZ
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	TREMONT STATION P O BOX 40
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17232
Affiliation Type:	Owner
Company Name:	ISMAEL RAMIREZ
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	TREMONT STATION P O BOX 40
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported

ALDUS ST CORP (Continued) **U003393989**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17232
Affiliation Type:	On-Site Operator
Company Name:	ALDUS ST CORP
Contact Type:	Not reported
Contact Name:	ALEJANDRO ALICEA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-349763
SWIS Code:	6201
Operator:	ALEJANDRO ALICEA
Facility Phone:	(212) 569-5865
Facility Addr2:	100 POST AVENUE
Facility Type:	Not reported
Emergency:	ISMAEL RAMIREZ
Emergency Tel:	(212) 569-5865
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ISMAEL RAMIREZ
Owner Address:	TREMONT STATION P O BOX 40
Owner City,St,Zip:	BRONX, NY 10457
Federal ID:	Not reported
Owner Tel:	(212) 569-5865
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ISMAEL RAMIREZ
Mailing Address:	TREMONT STATION P O BOX 40
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10457
Mailing Telephone:	(212) 569-5865
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:	05/19/1988
Expiration:	05/19/1993
Renew Flag:	False
Renew Date:	Not reported

ALDUS ST CORP (Continued) **U003393989**

Total Capacity:	4000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
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
Tank Containment:	Diking
Leak Detection:	9
Overfill Protection:	Not reported
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

R92 **100 POST AVE** **AST** **U004044882**
West **100 POST AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.195 mi.
1029 ft. **Site 3 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-346926
Program Type:	PBS
UTM X:	590952.10277
UTM Y:	4524244.5075000003
Expiration Date:	N/A

Tank Number:	001
Tank Id:	32962
Tank Location:	1

100 POST AVE (Continued) **U004044882**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	7/1/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	16982
Affiliation Type:	Emergency Contact
Company Name:	100 POST AVE REALTY CORP
Contact Type:	Not reported
Contact Name:	ISMAEL RAMIREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16982
Affiliation Type:	On-Site Operator
Company Name:	100 POST AVE
Contact Type:	Not reported
Contact Name:	ISMAEL RAMIREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported

100 POST AVE (Continued) **U004044882**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16982
Affiliation Type:	Mail Contact
Company Name:	100 POST AVE REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 POST AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	16982
Affiliation Type:	Owner
Company Name:	100 POST AVE REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 POST AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 569-5865
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

R93 **101-109 POST AVE/MANHATTA** **LTANKS** **S104275533**
West **101-109 POST AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.196 mi.
1037 ft. **Site 4 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	330280
Spill No:	8808715
Spill Date:	2/6/1989
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Not reported
Spill Closed Dt:	2/23/1989
Facility Addr2:	Not reported
Cleanup Ceased:	2/23/1989
Cleanup Meets Standard:	True

101-109 POST AVE/MANHATTA (Continued) **S104275533**

SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2/6/1989
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/7/1989
Spill Record Last Update:	3/2/1989
Spiller Name:	Not reported
Spiller Company:	VIJAX CORP
Spiller Address:	210 VARRICK AVENUE
Spiller City,St,Zip:	BROOKLYN, NY 11237
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	265682
DEC Memo:	Not reported
Remarks:	OIL SPILLED ONTO PAVEMENT IN ALLEY WAY, SPEEDY DRY USED, MILRO SERVICES INC TO FINISH CLEAN UP.

Material:

Site ID:	330280
Operable Unit ID:	925109
Operable Unit:	01
Material ID:	453483
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

101-109 POST AVE/MANHATTA (Continued) **S104275533**

HIST LTANKS:

Region of Spill:	2
Spill Number:	8808715
Spill Date:	02/06/1989
Spill Time:	10:20
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Class:	Not reported
Spill Closed Dt:	02/23/89
Cleanup Ceased:	02/23/89
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/06/89
Reported to Department Time:	14:48
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	VIJAX CORP
Spiller Address:	210 VARRICK AVENUE
Spiller City,St,Zip:	BROOKLYN, NY 11237
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 497-4491
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	02/07/89
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	03/02/89
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

101-109 POST AVE/MANHATTA (Continued) **S104275533**

Material:

Material Class Type:	Petroleum
Quantity Spilled:	50
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#6 FUEL OIL
Class Type:	#6 FUEL OIL
Times Material Entry In File:	2190
CAS Number:	Not reported
Last Date:	19940728
DEC Remarks:	Not reported
Spill Cause:	OIL SPILLED ONTO PAVEMENT IN ALLEY WAY, SPEEDY DRY USED, MILRO SERVICES INC TO FINISH CLEAN UP.

Q94
North
1/8-1/4
0.198 mi.
1047 ft.

Relative:
Higher

Actual:
20 ft.

CON ED OF NY MANHOLE#43452 **MANIFEST** **S109786655**
SHERMAN / 10TH AVE. **N/A**
MANHATTAN, NY

Site 3 of 14 in cluster Q

CT MANIFEST:

Waste:

Manifest No:	CTF0964308
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	DT
Quantity:	2
Weight/Volume:	Y
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	4/27/2004
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0964308
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	F
Date Record Was Last Modified:	4/27/2004
DEO Who Last Modified Record:	IG

Detail:

Year:	2000
Manifest ID:	CTF0964308
TSDF EPA ID:	CTD000604488
TSDF Name:	CLEAN HARBORS OF CONNECTICUT, INC.
TSDF Address:	51 BRODERICK RD
TSDF City,St,Zip:	BRISTOL, CT 06010
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	9/9/2000

CON ED OF NY MANHOLE#43452 (Continued) **S109786655**

Transporter EPA ID:	MAD039322250
Transporter Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	9/15/2000
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	NYP004061602
Generator Phone:	2123384488
Generator Mailing Addr:	SHERMAN & 10TH AVE. MANHATTAN
Generator Mailing Town:	Not reported
Generator Mailing State:	NY
Generator Mailing Zip:	Not reported
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	9/9/2000
Date Received:	9/15/2000
Last modified date:	4/27/2004
Last modified by:	IG
Comments:	Not reported

R95 **570 WEST 204, LLC** **AST** **A100173346**
West **570 WEST 204TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.199 mi.
1051 ft. **Site 5 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-252441
Program Type:	PBS
UTM X:	590914.43504000001
UTM Y:	4524291.5618099999
Expiration Date:	2012/02/12
Tank Number:	1
Tank Id:	11848
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1922
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS

570 WEST 204, LLC (Continued) **A100173346**

Last Modified: 4/22/2010

Equipment Records:

B00 - Tank External Protection - None
H04 - Tank Leak Detection - Groundwater Well
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None

Affiliation Records:

Site Id:	10175
Affiliation Type:	Emergency Contact
Company Name:	570 WEST 204, LLC C/O REM RESIDENTIAL
Contact Type:	Not reported
Contact Name:	RICK ELEZI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 260-8060
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/22/2010

Site Id:	10175
Affiliation Type:	On-Site Operator
Company Name:	570 WEST 204, LLC
Contact Type:	Not reported
Contact Name:	FREDDY ESPILLAT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 423-4424
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/22/2010

Site Id:	10175
Affiliation Type:	Owner
Company Name:	570 WEST 204, LLC C/O REM RESIDENTIAL
Contact Type:	AGENT
Contact Name:	RICK ELEZI
Address1:	110 E17TH ST

570 WEST 204, LLC (Continued) **A100173346**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10003
Country Code:	001
Phone:	(212) 260-8060
Phone Ext:	Not reported
Email:	SHANE@BRMNYC.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/22/2010

Site Id:	10175
Affiliation Type:	Mail Contact
Company Name:	570 WEST 204, LLC C/O REM RESIDENTIAL
Contact Type:	AGENT
Contact Name:	RICK ELEZI
Address1:	110 E17TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10003
Country Code:	001
Phone:	(212) 260-8060
Phone Ext:	Not reported
Email:	SHANE@BRMNYC.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	4/22/2010

Q96 **CONSOLIDATED EDISON** **MANIFEST** **1009242152**
North **SHERMAN AVE / 10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY**
0.200 mi.
1054 ft. **Site 4 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYP004108643
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:	NYE1277793
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	03/16/2003
Trans1 Recv Date:	03/16/2003
Trans2 Recv Date:	Not reported

CONSOLIDATED EDISON (Continued) **1009242152**

TSD Site Recv Date:	03/17/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004108643
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	96590JE
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00047
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	03
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	MAQ0255030
Manifest Status:	Not reported
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	03/17/2003
Trans1 Recv Date:	03/17/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/19/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004108643
Trans1 EPA ID:	MAD053452637
Trans2 EPA ID:	Not reported
TSDF ID:	13014MA
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00001
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:	01.00
Year:	03
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported

CONSOLIDATED EDISON (Continued) **1009242152**

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

Document ID:	NYE0261483
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	NYD006982359
Generator Ship Date:	03/18/2003
Trans1 Recv Date:	03/18/2003
Trans2 Recv Date:	03/19/2003
TSD Site Recv Date:	03/20/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004108643
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	46630JM
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00050
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	03
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

O97 **DYCKMAN HOUSES** **LTANKS** **S102671658**
SW **3790 10TH AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.200 mi.
1055 ft. **Site 2 of 3 in cluster O**

Relative:
Lower

Actual:
15 ft.

LTANKS:

Site ID:	116046
Spill No:	9013033
Spill Date:	3/21/1991
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.
Spill Closed Dt:	11/17/1994

DYCKMAN HOUSES (Continued) **S102671658**

Facility Addr2:	Not reported
Cleanup Ceased:	11/17/1994
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	3/21/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/2/1991
Spill Record Last Update:	11/17/1994
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	101014
DEC Memo:	Not reported
Remarks:	OIL WAS SPILLED FROM AN OVERFILLED OIL TANK.

Material:

Site ID:	116046
Operable Unit ID:	950277
Operable Unit:	01
Material ID:	425935
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	116046
Spill Tank Test:	1538355
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

DYCKMAN HOUSES (Continued) **S102671658**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9013033
Spill Date:	03/21/1991
Spill Time:	22:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/17/94
Cleanup Ceased:	11/17/94
Cleanup Meets Standard:	True
Investigator:	HEALY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	03/21/91
Reported to Department Time:	22:09
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, N.Y.
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 306-3142
Facility Extention:	Not reported
Spill Notifier:	Fire Department
PBS Number:	2-474843
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/02/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	11/17/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00

DYCKMAN HOUSES (Continued) **S102671658**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 100
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: 11/16/94: REASSIGNED FROM SIGONA TO HEALY ON 11/16/94.
Spill Cause: OIL WAS SPILLED FROM AN OVERFILLED OIL TANK.

M98 **536 REALTY CO. LLC** **AST** **A100292510**
NNW **536 ISHAM STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.200 mi.
1055 ft. **Site 7 of 11 in cluster M**

Relative:
Higher

Actual:
24 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604745
Program Type: PBS
UTM X: 591141.64051000006
UTM Y: 4524527.07314
Expiration Date: 2015/03/10

Tank Number: 001
Tank Id: 58804
Tank Location: 1
Tank Type: Fiberglass Coated Steel
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 5/5/1955
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: 3/3/2010

Equipment Records:
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None

536 REALTY CO. LLC (Continued) **A100292510**

I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Affiliation Records:

Site Id:	26614
Affiliation Type:	Emergency Contact
Company Name:	526 REALTY CO.LLC
Contact Type:	Not reported
Contact Name:	MARC BARMORIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7142
Phone Ext:	3021
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/3/2010

Site Id:	26614
Affiliation Type:	Owner
Company Name:	526 REALTY CO.LLC
Contact Type:	MEMBER
Contact Name:	MEI BOUSKILA
Address1:	1 PENN PLAZA - SUITE 4000
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	3021
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/3/2010

Site Id:	26614
Affiliation Type:	Mail Contact
Company Name:	MEIR BOUSKILA
Contact Type:	Not reported
Contact Name:	PINNACLE MGMT CO. LLC
Address1:	1 PENN PLAZA - SUITE 4000
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001
Phone:	(212) 564-2111
Phone Ext:	3021
Email:	Not reported
Fax Number:	Not reported

536 REALTY CO. LLC (Continued) **A100292510**

Modified By:	MSBAPTIS
Date Last Modified:	3/3/2010
Site Id:	26614
Affiliation Type:	On-Site Operator
Company Name:	536 REALTY CO. LLC
Contact Type:	Not reported
Contact Name:	LOURDES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 218-3769
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/3/2010

M99 **ISHAM REALTY CO. LLC** **HIST UST** **U003758097**
NNW **536 ISHAM STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.200 mi.
1055 ft. **Site 8 of 11 in cluster M**

Relative:
Higher

Actual:
24 ft.

HIST UST:

PBS Number:	2-604745
SPDES Number:	Not reported
Emergency Contact:	HARRIET TEDESCO
Emergency Telephone:	(718) 824-5001
Operator:	WILSON CASTILLO
Operator Telephone:	(917) 533-4105
Owner Name:	ISHAM REALTY CO. LLC
Owner Address:	2123 WILLIAMSBRIDGE ROAD
Owner City,St,Zip:	BRONX, NY 10461
Owner Telephone:	(718) 824-5001
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ISHAM REALTY CO. LLC
Mailing Address:	2123 WILLIAMSBRIDGE ROAD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10461
Mailing Contact:	JOSEFINA MEDINA
Mailing Telephone:	(718) 824-5001
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:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported

ISHAM REALTY CO. LLC (Continued) **U003758097**

Certification Flag:	False
Certification Date:	12/14/2001
Expiration Date:	10/20/2005
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
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 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Not reported
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Vent Whistle
Dispenser:	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
Lat/long:	Not reported

M100 **536-44 ISHAM ST** **AST** **U004045634**
NNW **536-44 ISHAM ST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.200 mi.
1055 ft. **Site 9 of 11 in cluster M**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-200409
Program Type:	PBS
UTM X:	591122.68050999998
UTM Y:	4524537.0316300001
Expiration Date:	N/A

536-44 ISHAM ST (Continued) **U004045634**

Tank Number:	001
Tank Id:	24886
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	7/11/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F01 - Pipe External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	6750
Affiliation Type:	Owner
Company Name:	DIMITRIOS KALOIDIS
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	54 LIVINGSTON STREET, #2
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 330-1217
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6750
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	E. M. REALTY MGMT. CORP.
Address1:	54 LIVINGSTON STREET, #2
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201

536-44 ISHAM ST (Continued) **U004045634**

Country Code:	001
Phone:	(718) 330-1217
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6750
Affiliation Type:	Emergency Contact
Company Name:	DIMITRIOS KALOIDIS
Contact Type:	Not reported
Contact Name:	ELIA G. MALARA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 330-1217
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6750
Affiliation Type:	On-Site Operator
Company Name:	536-44 ISHAM ST
Contact Type:	Not reported
Contact Name:	JUAN CASTILLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 423-0656
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

S101 **CONSOLIDATED EDISON** **MANIFEST** **1009243403**
SSW **431 W 203 ST BOX 24164** **N/A**
1/8-1/4 **NEW YORK, NY 10029**
0.201 mi.
1063 ft. **Site 1 of 2 in cluster S**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

EPA ID:	NYP004128633
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

CONSOLIDATED EDISON (Continued) **1009243403**

Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0658008
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/30/2005
Trans1 Recv Date:	01/30/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/31/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004128633
Trans1 EPA ID:	46299JM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00145
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:	2005
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYE0658008
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/30/2005
Trans1 Recv Date:	01/30/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/31/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004128633
Trans1 EPA ID:	46299JM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636

CONSOLIDATED EDISON (Continued) **1009243403**

Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00145
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:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

P102 **THE CAROLINE APARTMENTS** **AST** **A100321707**
NW **210 SHERMAN AVE.** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.203 mi.
1071 ft. **Site 2 of 7 in cluster P**

Relative:
Higher

Actual:
22 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-610956
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	N/A
Tank Number:	1
Tank Id:	225725
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/9/1982
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	9/25/2008
Register:	True
Modified By:	dxliving
Last Modified:	10/29/2008

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron

THE CAROLINE APARTMENTS (Continued) **A100321707**

I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	405509
Affiliation Type:	Owner
Company Name:	CAROLINE APARTMENTS PRESERVATION, LP
Contact Type:	VICE PRESIDENT
Contact Name:	MARK E. CARBONE
Address1:	60 COLUMBUS CIRCLE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 801-1073
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/20/2008

Site Id:	405509
Affiliation Type:	On-Site Operator
Company Name:	THE CAROLINE APARTMENTS
Contact Type:	Not reported
Contact Name:	MIGUEL HERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-8526
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/29/2008

Site Id:	405509
Affiliation Type:	Emergency Contact
Company Name:	CAROLINE APARTMENTS PRESERVATION, LP
Contact Type:	Not reported
Contact Name:	MIGUEL HERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

THE CAROLINE APARTMENTS (Continued) **A100321707**

Country Code:	999
Phone:	(917) 544-3274
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/29/2008

Site Id:	405509
Affiliation Type:	Mail Contact
Company Name:	RELATED MANAGEMENT COMPANY
Contact Type:	Not reported
Contact Name:	HECTOR PINERO
Address1:	423 WEST 55TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 981-3525
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/20/2008

S103 **NYNEX** **MANIFEST** **1009233874**
SSW **203RD ST/9TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10027**
0.204 mi.
1076 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
11 ft.

NY MANIFEST:

EPA ID:	NYP000922237
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA4133892
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:	951010
Trans1 Recv Date:	951010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951025
Part A Recv Date:	Not reported
Part B Recv Date:	951113
Generator EPA ID:	NYP000922237

NYNEX (Continued) **1009233874**

Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

M104 **541 ISHAM STREET** **UST** **U004076340**
NNW **541 ISHAM STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.206 mi.
1089 ft. **Site 10 of 11 in cluster M**

Relative:
Higher

Actual:
24 ft.

UST:

Facility Id:	2-116904
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2010/04/25
UTM X:	591138.28237999999
UTM Y:	4524560.1170600001
Site ID:	3959
Tank Number:	001
Tank ID:	7892
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	4/25/2005

541 ISHAM STREET (Continued) **U004076340**

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
B01 - Tank External Protection - Painted/Asphalt Coating
H05 - Tank Leak Detection - In-Tank System (ATG)
J03 - Dispenser - Gravity
F06 - Pipe External Protection - Wrapped
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
A01 - Tank Internal Protection - Epoxy Liner
B05 - Tank External Protection - Jacketed
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Affiliation Records:

Site Id:	3959
Affiliation Type:	Emergency Contact
Company Name:	B I H REALTY CORP.
Contact Type:	Not reported
Contact Name:	SHABAN CELAJ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 882-8116
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/25/2005

Site Id:	3959
Affiliation Type:	Mail Contact
Company Name:	B I H REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	SHABAN CELAJ
Address1:	754 MACE AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10467
Country Code:	001
Phone:	(718) 882-8116
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/25/2005

541 ISHAM STREET (Continued) **U004076340**

Site Id:	3959
Affiliation Type:	On-Site Operator
Company Name:	541 ISHAM STREET
Contact Type:	Not reported
Contact Name:	SALMAN HOTI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-0455
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/25/2005

Site Id:	3959
Affiliation Type:	Owner
Company Name:	B I H REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	SHABAN CELAJ
Address1:	754 MACE AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10467
Country Code:	001
Phone:	(718) 882-8116
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	4/25/2005

M105 **541 ISHAM STREET** **HIST UST** **U000396553**
NNW **541 ISHAM STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.206 mi.
1089 ft. **Site 11 of 11 in cluster M**

Relative:
Higher

Actual:
24 ft.

HIST UST:

PBS Number:	2-116904
SPDES Number:	Not reported
Emergency Contact:	NARCISA CASTILLO
Emergency Telephone:	(212) 942-0859
Operator:	NARCISA CASTILLO
Operator Telephone:	(212) 942-0859
Owner Name:	FERNANDO VALENTE & JACK DA SILVA
Owner Address:	54 LINCOLN BLVD
Owner City,St,Zip:	BETHPAGE, NY 11714
Owner Telephone:	(516) 579-7335
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	FERNANDO VALENTE & JACK DA SILVA
Mailing Address:	54 LINCOLN BLVD
Mailing Address 2:	Not reported

541 ISHAM STREET (Continued) **U000396553**

Mailing City,St,Zip:	BETHPAGE, NY 11714
Mailing Contact:	Not reported
Mailing Telephone:	(516) 579-7335
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:	541 ISHAM STREET
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	06/19/1997
Expiration Date:	06/05/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
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:	Epoxy Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Epoxy Liner
Pipe External:	Painted/Asphalt Coating
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

P106 **204 SHERMAN AVE** **LTANKS** **S103517650**
WNW **204 SHERMAN AVE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY** **AST**
0.210 mi. **HIST AST**
1110 ft. **Site 3 of 7 in cluster P**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Site ID:	155065
Spill No:	8800633
Spill Date:	4/20/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/2/1992
Facility Addr2:	Not reported
Cleanup Ceased:	11/2/1992
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	4/20/1988
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/25/1988
Spill Record Last Update:	5/12/1994
Spiller Name:	Not reported
Spiller Company:	ST.MATHEW LUTHERAN SCHOOL
Spiller Address:	204 SHERMAN AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	131432
DEC Memo:	Not reported
Remarks:	15K TANK SYSTEM FAILED PETRO TITE, PRODUCT LEVEL WOULDN'T HOLD IN STANDPIPE. CONTACT: MICHAEL WILLIAMS (212)- 567-2699.

Material:

Site ID:	155065
Operable Unit ID:	917631
Operable Unit:	01
Material ID:	459811
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

204 SHERMAN AVE (Continued) **S103517650**

Tank Test:

Site ID:	155065
Spill Tank Test:	1533700
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	8800633
Spill Date:	04/20/1988
Spill Time:	12:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/02/92
Cleanup Ceased:	11/02/92
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/20/88
Reported to Department Time:	13:01
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ST.MATHEW LUTHERAN SCHOOL
Spiller Address:	204 SHERMAN AVE
Spiller City,St,Zip:	NEW YORK, N.Y.
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 567-2699
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-399809
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

204 SHERMAN AVE (Continued) **S103517650**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/25/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/12/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: / / : 21 1 1 0 2 N.T.R2 2-065137 0314100/00+ 0 11 1 1 0 2 N.T.R2 2-065137 0324100/00+ 0 11 1 1 0 2 N.T.R2 2.
Spill Cause: 15K TANK SYSTEM FAILED PETRO TITE, PRODUCT LEVEL WOULDN T HOLD IN STANDPIPE. CONTACT: MICHAEL WILLIAMS 212)- 567-2699.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-271802
Program Type: PBS
UTM X: 590956.99962999998
UTM Y: 4524394.3402300002
Expiration Date: 2011/08/08

Tank Number: 001
Tank Id: 9149
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1929
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: msbaptis

204 SHERMAN AVE (Continued) **S103517650**

Last Modified: 2/13/2007

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	11486
Affiliation Type:	Mail Contact
Company Name:	BRONSTEIN PROPERTIES, LLC
Contact Type:	Not reported
Contact Name:	PAUL MAYERS
Address1:	108-18 QUEENS BLVD SUITE, 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/13/2007

Site Id:	11486
Affiliation Type:	On-Site Operator
Company Name:	204 SHERMAN
Contact Type:	Not reported
Contact Name:	JESUS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-9131
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11486
Affiliation Type:	Owner
Company Name:	INWOOD 204, LLC
Contact Type:	PROPERTY MGR
Contact Name:	PAUL MAYERS
Address1:	108-18 QUEENS BLVD SUITE, 302

204 SHERMAN AVE (Continued) **S103517650**

Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	Not reported
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2/13/2007

Site Id:	11486
Affiliation Type:	Emergency Contact
Company Name:	204 SHERMAN, LLC.
Contact Type:	Not reported
Contact Name:	DANNY CABRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 796-9595
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-271802
SWIS Code:	6201
Operator:	JESUS
Facility Phone:	(212) 304-9131
Facility Addr2:	204 SHERMAN AVE
Facility Type:	APARTMENT BUILDING
Emergency:	DANNY CABRERA
Emergency Tel:	(718) 796-9595
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	204 SHERMAN, LLC.
Owner Address:	3154 ALBANY CRESCENT - 2ND FL
Owner City,St,Zip:	BRONX, NY 10463
Federal ID:	Not reported
Owner Tel:	(718) 796-9595
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JONATHAN HOCHHAUSER
Mailing Name:	PMG, INC.
Mailing Address:	3154 ALBANY CRESCENT
Mailing Address 2:	2ND FL
Mailing City,St,Zip:	BRONX, NY 10463
Mailing Telephone:	(718) 796-9595
Owner Mark:	Second Owner

204 SHERMAN AVE (Continued) **S103517650**

Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/30/1999
Expiration:	09/17/2004
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
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
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

P107 **204 SHERMAN AVENUE** **AST** **U004045165**
WNW **204 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.210 mi.
1110 ft. **Site 4 of 7 in cluster P**

Relative:
Higher

Actual:
21 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Administratively Closed
Facility Id:	2-509221

204 SHERMAN AVENUE (Continued) **U004045165**

Program Type:	PBS
UTM X:	590956.99962999998
UTM Y:	4524394.3402300002
Expiration Date:	N/A

Tank Number:	001
Tank Id:	39421
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	8/1/1999
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	21751
Affiliation Type:	On-Site Operator
Company Name:	204 SHERMAN AVENUE
Contact Type:	Not reported
Contact Name:	JOSE SANCHEZHECTOR PICHARDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 837-4800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21751
Affiliation Type:	Emergency Contact
Company Name:	FIRST SHERMAN CORP.
Contact Type:	Not reported
Contact Name:	ANDRES REYNOSO

204 SHERMAN AVENUE (Continued) **U004045165**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 304-8526
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21751
Affiliation Type:	Owner
Company Name:	FIRST SHERMAN CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 794, BOWLING GREEN STATI0N
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(212) 837-4800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21751
Affiliation Type:	Mail Contact
Company Name:	FIRST SHERMAN CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 794
Address2:	BOWLING GREEN STATION
City:	NEW YORK
State:	NY
Zip Code:	10004-0794
Country Code:	001
Phone:	(212) 837-4800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

P108 **ST MATTHEW LUTHERAN CHURCH** **HIST UST** **U003074579**
WNW **202/200 SHERMAN AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.212 mi.
1120 ft. **Site 5 of 7 in cluster P**

Relative:
Higher

Actual:
20 ft.

HIST UST:

PBS Number:	2-399809
SPDES Number:	Not reported
Emergency Contact:	MICHAEL WILLIAMS
Emergency Telephone:	(212) 567-2699
Operator:	ST MATTHEW LUTHERAN CHURCH
Operator Telephone:	(212) 567-2699
Owner Name:	ST MATTHEW LUTHERAN CHURCH
Owner Address:	202 SHERMAN AVE
Owner City,St,Zip:	NEW YORK, NY 10034
Owner Telephone:	(212) 567-2699
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ST MATTHEW LUTHERAN CHURCH
Mailing Address:	202 SHERMAN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Contact:	Not reported
Mailing Telephone:	(212) 567-2699
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:	202 SHERMAN AVENUE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/29/1997
Expiration Date:	10/29/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	3500
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:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	1500

ST MATTHEW LUTHERAN CHURCH (Continued) **U003074579**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	05/01/1988
Next Test Date:	05/01/1993
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

HIST AST:

PBS Number:	2-399809
SWIS Code:	6201
Operator:	ST MATTHEW LUTHERAN CHURCH
Facility Phone:	(212) 567-2699
Facility Addr2:	202 SHERMAN AVENUE
Facility Type:	OTHER
Emergency:	MICHAEL WILLIAMS
Emergency Tel:	(212) 567-2699
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	ST MATTHEW LUTHERAN CHURCH
Owner Address:	202 SHERMAN AVE
Owner City,St,Zip:	NEW YORK, NY 10034
Federal ID:	Not reported
Owner Tel:	(212) 567-2699
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	ST MATTHEW LUTHERAN CHURCH
Mailing Address:	202 SHERMAN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Telephone:	(212) 567-2699
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:	10/29/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3500

ST MATTHEW LUTHERAN CHURCH (Continued) **U003074579**

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:	62
Town or City Code:	01
Region:	2

Tank ID:	002
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

P109 **PS/IS 263M** **UST** **U004125638**
WNW **202 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.213 mi.
1124 ft. **Site 6 of 7 in cluster P**

Relative:
Higher

Actual:
20 ft.

UST:

Facility Id:	2-399809
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	590942.01873000001
UTM Y:	4524392.39647
Site ID:	19054

Tank Number:	001
Tank ID:	21670
Tank Status:	Closed - Removed

PS/IS 263M (Continued) **U004125638**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	9/29/2008
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	5/1/1988
Register:	True
Modified By:	dxliving
Last Modified:	4/2/2009

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction
B00 - Tank External Protection - None

Tank Number:	002
Tank ID:	21671
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	9/29/2008
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	4/2/2009

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	19054
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY

PS/IS 263M (Continued) **U004125638**

Contact Type:	Not reported
Contact Name:	EDWARD JALIL
Address1:	30-30 THOMSON AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 472-8706
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/2/2009

Site Id:	19054
Affiliation Type:	On-Site Operator
Company Name:	PS/IS 263M
Contact Type:	Not reported
Contact Name:	SCHOOL CONSTRUCTION AUTHORITY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 208-1325
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/2/2009

Site Id:	19054
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY
Contact Type:	Not reported
Contact Name:	EDWARD JALIL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 208-1325
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/2/2009

Site Id:	19054
Affiliation Type:	Owner
Company Name:	NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY
Contact Type:	CHIEF PROJECT OFFICER
Contact Name:	NYC-SCA MR. JOSEPH BOVA
Address1:	30-30 THOMSON AVENUE

PS/IS 263M (Continued) **U004125638**

Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 472-8706
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/2/2009

O110 **CITIWIDE AUTO** **RCRA-NonGen** **1000553845**
SW **3795 10TH AVE** **FINDS** **NYD986962793**
1/8-1/4 **NEW YORK, NY 10034** **MANIFEST**
0.216 mi.
1142 ft. **Site 3 of 3 in cluster O**

Relative:
Lower

Actual:
14 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	CITIWIDE AUTO
Facility address:	3795 10TH AVE NEW YORK, NY 100341852
EPA ID:	NYD986962793
Mailing address:	10TH AVE NEW YORK, NY 10034
Contact:	Not reported
Contact address:	10TH AVE NEW YORK, NY 10034
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OMAR TABARES
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:	OMAR TABARES
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

CITIWIDE AUTO (Continued) **1000553845**

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
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
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	CITIWIDE AUTO
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Facility name:	CITIWIDE AUTO
Classification:	Not a generator, verified
Date form received by agency:	01/29/1992
Facility name:	CITIWIDE AUTO
Classification:	Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - Records/Reporting
Date violation determined:	04/30/1993
Date achieved compliance:	08/04/1993
Violation lead agency:	State
Enforcement action:	INITIAL 3008(A) COMPLIANCE
Enforcement action date:	08/04/1993
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	1200
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	04/30/1993
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Records/Reporting
Date achieved compliance:	08/04/1993
Evaluation lead agency:	State

FINDS:

CITIWIDE AUTO (Continued) **1000553845**

Registry ID: 110004472552

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:	NYD986962793
Country:	USA
Mailing Name:	CITIWIDE MANHATTAN
Mailing Contact:	RUSS RODRIGUEZ
Mailing Address:	3795 10TH AVE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10034
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-942-2324

Document ID:	PAC8433235
Manifest Status:	Completed copy
Trans1 State ID:	PAAH0172
Trans2 State ID:	Not reported
Generator Ship Date:	921230
Trans1 Recv Date:	921230
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930104
Part A Recv Date:	Not reported
Part B Recv Date:	930115
Generator EPA ID:	NYD986962793
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	PAD987266715
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00300
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:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported

CITIWIDE AUTO (Continued) **1000553845**

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

N111 **HN BALDWIN ISHAM LLC** **AST** **A100173318**
NNW **549 ISHAM STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.217 mi.
1147 ft. **Site 3 of 4 in cluster N**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-206741
Program Type:	PBS
UTM X:	591127.91856999998
UTM Y:	4524580.3065799996
Expiration Date:	2015/02/01
Tank Number:	001
Tank Id:	9569
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1930
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:	1/15/2010

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
K99 - Spill Prevention - Other
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	7302
Affiliation Type:	Owner
Company Name:	MN BALDWIN ISHAM LLC
Contact Type:	PRESIDENT
Contact Name:	MICHAEL DANIEL
Address1:	234 W 14TH STREET

HN BALDWIN ISHAM LLC (Continued) **A100173318**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10039
Country Code:	001
Phone:	(212) 491-2635
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/5/2006

Site Id:	7302
Affiliation Type:	Emergency Contact
Company Name:	MN BALDWIN ISHAM LLC
Contact Type:	Not reported
Contact Name:	SARAH COHEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 491-2635
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	1/15/2010

Site Id:	7302
Affiliation Type:	Mail Contact
Company Name:	MN BALDWIN ISHAM LLC
Contact Type:	Not reported
Contact Name:	MICHAEL DANIEL
Address1:	FORT GEORGE STATION
Address2:	P.O. BOX 697
City:	NEW YORK
State:	NY
Zip Code:	10040
Country Code:	001
Phone:	(212) 491-2635
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/5/2006

Site Id:	7302
Affiliation Type:	On-Site Operator
Company Name:	HN BALDWIN ISHAM LLC
Contact Type:	Not reported
Contact Name:	MICHAEL BLAKE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

HN BALDWIN ISHAM LLC (Continued) **A100173318**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 491-2635
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/5/2006

Q112 **VERIZON NEW YORK INC. MANHOLE** **RCRA-NonGen** **1008892080**
North **211TH ST 10TH AVE SW COR** **MANIFEST** **NYP000959353**
1/8-1/4 **NEW YORK, NY 10034** **MANIFEST**
0.218 mi.
1149 ft. **Site 5 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

RCRA-NonGen:

Date form received by agency:	03/02/2006
Facility name:	VERIZON NEW YORK INC. MANHOLE
Facility address:	211TH STREET AND 10TH AVE NEW YORK, NY 10016
EPA ID:	NYP000959353
Mailing address:	E 37TH STREET 4TH FLOOR NEW YORK, NY 10016
Contact:	JEROME KUNG
Contact address:	E 37TH STREET 4TH FLOOR NEW YORK, NY 10016
Contact country:	US
Contact telephone:	(212) 338-6754
Telephone ext.:	KUNG
Contact email:	JEROME.KUNG@VERIZON.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/1979
Owner/Op end date:	Not reported

Owner/operator name:	VERIZON NEW YORK INC.
Owner/operator address:	AVE OF AMERICAS NEW YORK, NY 10036
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/1979
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

VERIZON NEW YORK INC. MANHOLE (Continued) **1008892080**

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:	Unknown
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
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	03/01/2006
Facility name:	VERIZON NEW YORK INC. MANHOLE
Classification:	Not a generator, verified
Date form received by agency:	02/28/2006
Facility name:	VERIZON NEW YORK INC. MANHOLE
Classification:	Large Quantity Generator
Date form received by agency:	10/11/2005
Facility name:	VERIZON NEW YORK INC. MANHOLE
Site name:	VERIZON
Classification:	Not a generator, verified
Violation Status:	No violations found

NY MANIFEST:

EPA ID:	NYP000959353
Country:	USA
Mailing Name:	VERIZON
Mailing Contact:	TIMOTHY MAYERS
Mailing Address:	199 FULTON AVENUE
Mailing Address 2:	Not reported
Mailing City:	HEMPSTEAD
Mailing State:	NY
Mailing Zip:	11550
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-292-8166
Document ID:	NJA5300047
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/11/2005
Trans1 Recv Date:	10/11/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/13/2005

VERIZON NEW YORK INC. MANHOLE (Continued) **1008892080**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP000959353
Trans1 EPA ID:	S17262
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	02400
Units:	P - Pounds
Number of Containers:	012
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	Not reported
Year:	2005
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA5300047
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/11/2005
Trans1 Recv Date:	10/11/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/13/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP000959353
Trans1 EPA ID:	S17262
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	D008 - LEAD 5.0 MG/L TCLP

VERIZON NEW YORK INC. MANHOLE (Continued) **1008892080**

Quantity:	00200
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
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	02400
Units:	P - Pounds
Number of Containers:	012
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	Not reported
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

NJ MANIFEST:

Manifest Code:	NJA5300047
EPA ID:	NYP000959353
Date Shipped:	20051011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	NJD003812047
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:	051011
Date Trans2 Transported Waste:	051013
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

VERIZON NEW YORK INC. MANHOLE (Continued) **1008892080**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	051013
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	01040621
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

Q113 **NYNEX** **MANIFEST** **1009233871**
North **211TH ST/10TH AVE** **N/A**
1/8-1/4 **NEW YORK, NY 10027**
0.218 mi.
1149 ft. **Site 6 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYP000922195
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address:	221 EAST 37TH STREET
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA4133887
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:	951006
Trans1 Recv Date:	951006
Trans2 Recv Date:	951010
TSD Site Recv Date:	951025
Part A Recv Date:	Not reported
Part B Recv Date:	951113
Generator EPA ID:	NYP000922195
Trans1 EPA ID:	NYD010951986
Trans2 EPA ID:	NYD046765574
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00300
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

NYNEX (Continued) **1009233871**

Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Q114 **NEW YORK TELEPHONE** **RCRA-NonGen** **1007205148**
North **W 211 & 10 AVE** **MANIFEST** **NYP000912055**
1/8-1/4 **NEW YORK, NY 10036**
0.218 mi.
1151 ft. **Site 7 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

RCRA-NonGen:

Date form received by agency:	03/27/1994
Facility name:	NEW YORK TELEPHONE
Facility address:	W 211 & 10 AVE NEW YORK, NY 100360000
EPA ID:	NYP000912055
Mailing address:	1095 AVENUE OF THE AMERICAS ROOM 3025 NEW YORK, NY 100360000
Contact:	JOHN QUATRALE
Contact address:	1095 AVENUE OF THE AMERICAS NEW YORK, NY 100360000
Contact country:	US
Contact telephone:	(212) 395-2436
Telephone ext.:	9999
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

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

NEW YORK TELEPHONE (Continued) **1007205148**

Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 03/26/1994
Facility name: NEW YORK TELEPHONE
Classification: Not a generator, verified

Date form received by agency: 03/25/1994
Facility name: NEW YORK TELEPHONE
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP000912055
Country: USA
Mailing Name: NYNEX
Mailing Contact: JEFFREY BATT
Mailing Address: 1095 AVE OF AMER
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10036
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-395-6040

Document ID: NJA1600353
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPES50
Trans2 State ID: Not reported
Generator Ship Date: 931117
Trans1 Recv Date: 931117
Trans2 Recv Date: Not reported
TSD Site Recv Date: 931117
Part A Recv Date: 940127
Part B Recv Date: 931221
Generator EPA ID: NYP000912055
Trans1 EPA ID: NYD980761191
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00385
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported

NEW YORK TELEPHONE (Continued) **1007205148**

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

P115 **207 SHERMAN ASSOC., LLC.** **AST** **A100146977**
WNW **201-211 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.218 mi.
1153 ft. **Site 7 of 7 in cluster P**

Relative:
Higher

Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-275158
Program Type: PBS
UTM X: 590941.17434000003
UTM Y: 4524391.9559899997
Expiration Date: 2014/05/25

Tank Number: 001
Tank Id: 13837
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1925
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: 2/27/2009

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other

Affiliation Records:
Site Id: 11787
Affiliation Type: Owner
Company Name: 207 SHERMAN ASSOCIATES, LLC.
Contact Type: AGENT
Contact Name: CYNTHIA MARRERO
Address1: 888 7TH AVE, 24TH FL.

207 SHERMAN ASSOC., LLC. (Continued) **A100146977**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

Site Id:	11787
Affiliation Type:	On-Site Operator
Company Name:	207 SHERMAN ASSOC., LLC.
Contact Type:	Not reported
Contact Name:	FERNANDO MACIAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 728-5689
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

Site Id:	11787
Affiliation Type:	Emergency Contact
Company Name:	207 SHERMAN ASSOCIATES, LLC.
Contact Type:	Not reported
Contact Name:	SDG MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/5/2004

Site Id:	11787
Affiliation Type:	Mail Contact
Company Name:	C/O SDG MANAGEMENT CORP.
Contact Type:	Not reported
Contact Name:	207 SHERMAN ASSOC., LLC
Address1:	888 SEVENTH AVENUE
Address2:	24TH FLOOR
City:	NEW YORK
State:	NY

207 SHERMAN ASSOC., LLC. (Continued) **A100146977**

Zip Code:	10019
Country Code:	001
Phone:	(212) 660-1237
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/7/2005

N116 **FREEWAY COMPANY, LLC** **AST** **U003391296**
NNW **546 ISHAM STREET** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.222 mi.
1171 ft. **Site 4 of 4 in cluster N**

Relative:
Higher

Actual:
25 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-197122
Program Type:	PBS
UTM X:	591124.02347999997
UTM Y:	4524561.2732100002
Expiration Date:	2012/10/06
Tank Number:	1
Tank Id:	21199
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/6/1946
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	10/10/2007

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	6466
Affiliation Type:	Mail Contact

FREEWAY COMPANY, LLC (Continued) **U003391296**

Company Name:	FREEWAY COMPANY, LLC
Contact Type:	Not reported
Contact Name:	LAWRENCE GEISINGER
Address1:	455 CENTRAL PARK AVENUE
Address2:	Not reported
City:	SCARSDALE
State:	NY
Zip Code:	10583
Country Code:	001
Phone:	(914) 723-2121
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6466
Affiliation Type:	Owner
Company Name:	LAWRENCE GEISENGER
Contact Type:	MEMBER
Contact Name:	LAWRENCE GEISINGER
Address1:	455 CENTRAL PARK AVE.
Address2:	Not reported
City:	SCARSDALE
State:	NY
Zip Code:	10583
Country Code:	001
Phone:	(914) 723-2121
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/10/2007

Site Id:	6466
Affiliation Type:	On-Site Operator
Company Name:	FREEWAY COMPANY, LLC
Contact Type:	Not reported
Contact Name:	FELIX OQUENDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 942-0766
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6466
Affiliation Type:	Emergency Contact
Company Name:	LAWRENCE GEISENGER
Contact Type:	Not reported
Contact Name:	FELIX OQUENDO

FREEWAY COMPANY, LLC (Continued) **U003391296**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 345-7738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/22/2004

HIST AST:

PBS Number:	2-197122
SWIS Code:	6201
Operator:	FELIX OQUENDO
Facility Phone:	(212) 942-3714
Facility Addr2:	546 ISHAM STREET
Facility Type:	APARTMENT BUILDING
Emergency:	LAWRENCE GEISINGER
Emergency Tel:	(914) 723-2121
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	FREEWAY COMPANY, LLC
Owner Address:	455 CENTRAL PARK AVE.
Owner City,St,Zip:	SCARSDALE, NY 10583
Federal ID:	Not reported
Owner Tel:	(914) 723-2121
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	LAWRENCE GEISINGER
Mailing Name:	FREEWAY COMPANY, LLC
Mailing Address:	455 CENTRAL PARK AVE.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SCARSDALE, NY 10583
Mailing Telephone:	(914) 723-2121
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:	10/10/1997
Expiration:	10/06/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62

FREEWAY COMPANY, LLC (Continued) **U003391296**

Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
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:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

R117 **87 POST AVENUE CORP.** **AST** **U003396527**
West **87 POST AVENUE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.222 mi.
1174 ft. **Site 6 of 9 in cluster R**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-602240
Program Type:	PBS
UTM X:	590895.24037000001
UTM Y:	4524228.0412299996
Expiration Date:	2012/05/08
Tank Number:	001
Tank Id:	49642
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/5/1975
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

87 POST AVENUE CORP. (Continued) **U003396527**

Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	9/18/2008

Equipment Records:

A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
B05 - Tank External Protection - Jacketed

Affiliation Records:

Site Id:	24198
Affiliation Type:	Mail Contact
Company Name:	C/O DERMOT REALTY MGT. CO. INC
Contact Type:	Not reported
Contact Name:	THAYER ST PORTFOLIO INVESTOR, LLC
Address1:	1775 BROADWAY, STE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/19/2008

Site Id:	24198
Affiliation Type:	Owner
Company Name:	THAYER ST PORTFOLIO INVESTOR, LLC
Contact Type:	MGR
Contact Name:	RAJIVE MARET
Address1:	1775 BROADWAY, STE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Site Id:	24198

87 POST AVENUE CORP. (Continued) **U003396527**

Affiliation Type:	Emergency Contact
Company Name:	THAYER ST PORTFOLIO INVESTOR, LLC
Contact Type:	Not reported
Contact Name:	DOMINIQUE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 235-5655
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Site Id:	24198
Affiliation Type:	On-Site Operator
Company Name:	87 POST AVENUE
Contact Type:	Not reported
Contact Name:	MARCUS SUAREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 642-6671
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

HIST AST:

PBS Number:	2-602240
SWIS Code:	6201
Operator:	W. RICHARDSON
Facility Phone:	(718) 567-6098
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	W. RICHARDSON
Emergency Tel:	(718) 601-5858
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	87 POST AVENUE CORP.
Owner Address:	3603 FIELDSTON ROAD
Owner City,St,Zip:	BRONX, NY 10463
Federal ID:	Not reported
Owner Tel:	(718) 601-5858
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	87 POST AVENUE CORP.

87 POST AVENUE CORP. (Continued) **U003396527**

Mailing Address:	3603 FIELDSTON ROAD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10463
Mailing Telephone:	(718) 601-5858
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:	06/06/1995
Expiration:	05/23/2000
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2500
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	05
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	None
Leak Detection:	09
Overfill Protection:	64
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

R118 West 1/8-1/4 0.222 mi. 1174 ft. | **DERMOT COMPANY**
87 POST AVE
NEW YORK, NY | **LTANKS** | **S109064288**
N/A

Site 7 of 9 in cluster R

Relative: Higher

Actual: 20 ft.

LTANKS:

Site ID:	396842
Spill No:	0800991
Spill Date:	4/24/2008
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.
Spill Closed Dt:	12/16/2008
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	4/24/2008
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/24/2008
Spill Record Last Update:	12/16/2008
Spiller Name:	CARMEN SANTIAGO
Spiller Company:	APART
Spiller Address:	87 POST AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	CARMEN SANTIAGO
Spiller Phone:	(646) 673-6714
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	346313
DEC Memo:	5/2/08 bf: sent ttf letter to: Carmen Santiago Thayer street portfolio Investor LLC c/o The Dermot Company 1775 Broadway, Suite 510 New York, NY 10019 08/21/08-Vought-See also open spill #0805791 for 250 gallon spill on 8/20 resulting from overfill of this tank and associated violation order. 9/3/08 PBS settlement conference scheduled for 9/10/08 at 1:30 PM. bf 12/16/08 Yesterday held PBS settlement conference with Jack Jaffa (expediter) and Asher Taub (attorney) representatives for Dermot. They provided documentation to close the spill. Tank is a covered AST with weepholes. Pro Test replaced gasketed on tank and tank passed tightness test on 11/19/08. NFA. bf
Remarks:	DRY LEAK

Material:

Site ID:	396842
Operable Unit ID:	1153811
Operable Unit:	01
Material ID:	2144583

DERMOT COMPANY (Continued) **S109064288**

Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	396842
Spill Tank Test:	2453593
Tank Number:	Not reported
Tank Size:	2500
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/24/2008
Test Method:	Horner EZ Check I or II

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119 **296 WEST FORDHAM ROAD./ B** **LTANKS** **S100144714**
ESE **MOBIL OIL** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.225 mi.
1187 ft.

Relative:
Lower

Actual:
12 ft.

LTANKS:

Site ID:	165564
Spill No:	8701258
Spill Date:	5/14/1987
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.
Spill Closed Dt:	1/1/1991
Facility Addr2:	Not reported
Cleanup Ceased:	1/1/1991
Cleanup Meets Standard:	True
SWIS:	0301
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	5/14/1987
CID:	17
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/19/1987
Spill Record Last Update:	4/21/2010
Spiller Name:	Not reported
Spiller Company:	MOBIL
Spiller Address:	464 DOUGHTY BIVD.

296 WEST FORDHAM ROAD./ B (Continued) **S100144714**

Spiller City,St,Zip:	INWOOD, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	139546
DEC Memo:	Not reported
Remarks:	1-4000 GALLON TANK HAD A LEAK RATE OF 10GAL/HR. - 5-550GAL. TANKS COULD NOT HOLD PRESSURE.

Material:

Site ID:	165564
Operable Unit ID:	905731
Operable Unit:	01
Material ID:	471205
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	165564
Spill Tank Test:	1530823
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	8701258
Spill Date:	05/14/1987
Spill Time:	14:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Not reported
Spill Closed Dt:	01/01/91
Cleanup Ceased:	01/01/91
Cleanup Meets Standard:	True
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported

296 WEST FORDHAM ROAD./ B (Continued) **S100144714**

Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/14/87
Reported to Department Time: 15:30
SWIS: 60
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MOBIL
Spiller Address: 464 DOUGHTY BIVD.
Spiller City,St,Zip: INWOOD
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (516) 371-0964
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-156434
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/19/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/23/91
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: / / : MOBIL WILL PUMP OUT TANKS BY TOMORROW, AND SET UP RECOVERY SYSTEM.
Spill Cause: 1-4000 GALLON TANK HAD A LEAK RATE OF 10GAL/HR. - 5-550GAL. TANKS COULD NOT HOLD PRESSURE.

T120 WNW 1/8-1/4 0.229 mi. 1210 ft. | **204 REALTY HOLDINGS LLC**
590 W. 204TH ST.
NEW YORK, NY 10034

Site 1 of 3 in cluster T

AST | **A100177969**
N/A

Relative: Equal

Actual: 19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605666
Program Type:	PBS
UTM X:	590896.02041
UTM Y:	4524328.9722899999
Expiration Date:	2013/09/10
Tank Number:	0001
Tank Id:	60217
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1975
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:	9/15/2008

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	27533
Affiliation Type:	Emergency Contact
Company Name:	204 REALTY HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	MANUAL RODRIGUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

204 REALTY HOLDINGS LLC (Continued) **A100177969**

Phone:	(212) 567-0336
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/15/2008

Site Id:	27533
Affiliation Type:	Mail Contact
Company Name:	204 REALTY HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	LOU SCHWIMMER
Address1:	PO BOX 300513
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 258-8800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/15/2008

Site Id:	27533
Affiliation Type:	Owner
Company Name:	204 REALTY HOLDINGS LLC
Contact Type:	LLC MEMBER
Contact Name:	MARTIN KIRZNER
Address1:	PO BOX 300513
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11230
Country Code:	001
Phone:	(718) 258-8800
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/15/2008

Site Id:	27533
Affiliation Type:	On-Site Operator
Company Name:	204 REALTY HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	204 REALTY HOLDINGS LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 258-8800
Phone Ext:	Not reported
Email:	Not reported

204 REALTY HOLDINGS LLC (Continued) **A100177969**

Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/15/2008

121
WSW
1/8-1/4
0.230 mi.
1213 ft.

NAGLE HOUSE INC
240 NAGLE AVE
NEW YORK, NY 10034

UST **U003128014**
HIST UST **N/A**

Relative:
Lower

Actual:
17 ft.

UST:

Facility Id:	2-215449
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2007/12/14
UTM X:	590912.37415000005
UTM Y:	4524103.0164900003
Site ID:	8053
Tank Number:	001
Tank ID:	22267
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	20000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Affiliation Records:

Site Id:	8053
Affiliation Type:	On-Site Operator
Company Name:	NAGLE HOUSE INC
Contact Type:	Not reported
Contact Name:	MOHAMED YADALI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

NAGLE HOUSE INC (Continued) **U003128014**

Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-7500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8053
Affiliation Type:	Owner
Company Name:	NAGLE HOUSE INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	240 NAGLE AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-7500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8053
Affiliation Type:	Emergency Contact
Company Name:	NAGLE HOUSE INC
Contact Type:	Not reported
Contact Name:	ANKER MANAGEMENT CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 347-0300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	8053
Affiliation Type:	Mail Contact
Company Name:	NAGLE HOUSE INC
Contact Type:	Not reported
Contact Name:	MOHAMED YADALI, SUPER
Address1:	240 NAGLE AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-7500

NAGLE HOUSE INC (Continued) **U003128014**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST UST:

PBS Number:	2-215449
SPDES Number:	Not reported
Emergency Contact:	ANKER MANAGEMENT CORP
Emergency Telephone:	(914) 793-3200
Operator:	MOHAMED YADALI
Operator Telephone:	(212) 567-7500
Owner Name:	NAGLE HOUSE INC
Owner Address:	240 NAGLE AVE
Owner City,St,Zip:	NEW YORK, NY 10034
Owner Telephone:	(212) 567-7500
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Name:	NAGLE HOUSE INC
Mailing Address:	240 NAGLE AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10034
Mailing Contact:	MOHAMED YADALI
Mailing Telephone:	(212) 567-7500
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:	240 NAGLE AVE
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/21/1997
Expiration Date:	12/14/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	20000
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:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service

NAGLE HOUSE INC (Continued) **U003128014**

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:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

R122 **NUE83 POST AVE** **AST** **A100129025**
West **83 POST AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.230 mi.
1214 ft. **Site 8 of 9 in cluster R**

Relative:
Equal

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-334464
Program Type:	PBS
UTM X:	590882.34620000003
UTM Y:	4524220.9988599997
Expiration Date:	2012/10/02
Tank Number:	041
Tank Id:	20876
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/23/1916
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	8/16/2007

Equipment Records:

A00 - Tank Internal Protection - None

NUE83 POST AVE (Continued) **A100129025**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination

Affiliation Records:

Site Id:	15910
Affiliation Type:	Owner
Company Name:	83 POST AVE ASSOCIATES, LLC
Contact Type:	REG MANAGING AGENT
Contact Name:	EDMUND MILLER
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BROADWAY
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/16/2007

Site Id:	15910
Affiliation Type:	Emergency Contact
Company Name:	83 POST AVE ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFE INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15910
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF, INC.
Contact Type:	Not reported
Contact Name:	S. SDEO
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463

NUE83 POST AVE (Continued) **A100129025**

Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15910
Affiliation Type:	On-Site Operator
Company Name:	NUE83 POST AVE
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFF, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Q123 **514 W. 211TH ST** **AST** **A100292482**
North **514 WEST 211TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.232 mi.
1226 ft. **Site 8 of 14 in cluster Q**

Relative:
Higher

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-195200
Program Type:	PBS
UTM X:	591253.27532999997
UTM Y:	4524585.4089400005
Expiration Date:	2007/07/07

Tank Number:	001
Tank Id:	10867
Tank Location:	3
Tank Type:	Stainless Steel Alloy
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/1960
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

514 W. 211TH ST (Continued) **A100292482**

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
G10 - Tank Secondary Containment - Impervious Underlayment
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Affiliation Records:

Site Id:	6297
Affiliation Type:	Mail Contact
Company Name:	535 MANAGEMENT COMPANY
Contact Type:	Not reported
Contact Name:	DAVID OLINER
Address1:	1 SIDNEY PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 643-6600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6297
Affiliation Type:	Owner
Company Name:	INWOOD EQUITY ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1 SIDNEY PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 643-6600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6297
Affiliation Type:	On-Site Operator
Company Name:	514 W. 211TH ST
Contact Type:	Not reported
Contact Name:	NINIO GOMEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported

514 W. 211TH ST (Continued) **A100292482**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 643-6600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	6297
Affiliation Type:	Emergency Contact
Company Name:	INWOOD EQUITY ASSOCIATES
Contact Type:	Not reported
Contact Name:	DAVID OLINER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 643-6600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Q124 **INWOOD EQUITY ASSOCIATES** **HIST UST** **U001834128**
North **514 WEST 211TH STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.232 mi.
1226 ft. **Site 9 of 14 in cluster Q**

Relative:
Higher

Actual:
24 ft.

HIST UST:

PBS Number:	2-195200
SPDES Number:	Not reported
Emergency Contact:	DAVID OLINER
Emergency Telephone:	(718) 643-6600
Operator:	NIDIO GOMEZ
Operator Telephone:	(212) 991-7451
Owner Name:	INWOOD EQUITY ASSOCIATES
Owner Address:	1 SIDNEY PLACE
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Telephone:	(718) 643-6600
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	INWOOD EQUITY ASSOCIATES
Mailing Address:	1 SIDNEY PLACE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11201
Mailing Contact:	Not reported
Mailing Telephone:	(718) 643-6600
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

INWOOD EQUITY ASSOCIATES (Continued) **U001834128**

SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/17/1997
Expiration Date:	07/07/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	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

Q125
North
1/8-1/4
0.234 mi.
1236 ft.

Relative:
Higher

Actual:
20 ft.

NYCT-207TH STREET YARD
3961 10TH AVENUE
NEW YORK, NY 10034

Site 10 of 14 in cluster Q

RCRA-LQG
FTTS
HIST FTTS
FINDS
RAATS
MANIFEST
NY Spills
NY Hist Spills

1000136838
NYD980646335

RCRA-LQG:

Date form received by agency:	02/07/2008
Facility name:	NYCT-207TH STREET YARD
Facility address:	3961 10TH AVE MANHATTAN, NY 10034
EPA ID:	NYD980646335
Mailing address:	BROADWAY 27TH FLOOR BOWLING GREEN, NY 10004
Contact:	JENNIFER WUOTINEN
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(646) 252-5777
Contact email:	Jennifer.Wuotinen@nyct.com
EPA Region:	02
Land type:	State
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:	NEW YORK CITY TRANSIT
Owner/operator address:	BROADWAY 27TH FLOOR BOWLING GREEN, NY 10004
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/1953
Owner/Op end date:	Not reported

Owner/operator name:	NEW YORK CITY TRANSIT
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	06/01/1953
Owner/Op end date:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

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
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

Historical Generators:

Date form received by agency:	01/01/2007
Facility name:	NYCT-207TH STREET YARD
Site name:	NYCT - 207TH STREET YARD
Classification:	Small Quantity Generator
Date form received by agency:	01/31/2006
Facility name:	NYCT-207TH STREET YARD
Site name:	NYCT - 207TH STREET YARD
Classification:	Large Quantity Generator
Date form received by agency:	01/30/2006
Facility name:	NYCT-207TH STREET YARD
Site name:	NYCT - 207TH STREET YARD
Classification:	Large Quantity Generator
Date form received by agency:	02/04/2004
Facility name:	NYCT-207TH STREET YARD
Site name:	NYCTA - 207TH STREET YARD
Classification:	Large Quantity Generator

NYCT-207TH STREET YARD (Continued) **1000136838**

Date form received by agency: 02/20/2002
Facility name: NYCT-207TH STREET YARD
Site name: NYCTA-207TH STREET YARD
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: NYCT-207TH STREET YARD
Site name: NYC TRANSIT AUTHORITY
Classification: Large Quantity Generator

Date form received by agency: 02/08/1998
Facility name: NYCT-207TH STREET YARD
Site name: NYCTA-207TH STREET YARD
Classification: Large Quantity Generator

Date form received by agency: 03/20/1996
Facility name: NYCT-207TH STREET YARD
Site name: 207TH ST YARD / NYCI
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Facility name: NYCT-207TH STREET YARD
Site name: NYCTA / 270TH STREET YARD
Classification: Large Quantity Generator

Date form received by agency: 03/16/1992
Facility name: NYCT-207TH STREET YARD
Site name: NYCTA
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: NYCT-207TH STREET YARD
Site name: NEW YORK CITY TRANSIT AUTHORITY
Classification: Large Quantity Generator

Date form received by agency: 12/16/1980
Facility name: NYCT-207TH STREET YARD
Site name: NYCTA
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

NYCT-207TH STREET YARD (Continued) **1000136838**

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D008
Waste name: LEAD

Waste code: D010
Waste name: SELENIUM

Waste code: D035
Waste name: METHYL ETHYL KETONE

Biennial Reports:

Last Biennial Reporting Year: 2009

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): 4041.4

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): 1134.2

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 25158

Waste code: D008
Waste name: LEAD
Amount (Lbs): 114022.9

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 3210.9

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 2034.8

Facility Has Received Notices of Violations:

NYCT-207TH STREET YARD (Continued) **1000136838**

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/07/2005
Date achieved compliance: 01/20/2006
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/02/2002
Date achieved compliance: 05/10/2002
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/20/1995
Date achieved compliance: 04/13/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/20/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/18/1985
Date achieved compliance: 01/20/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Area of violation: Generators - Manifest
Date violation determined: 05/23/1985
Date achieved compliance: 01/28/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/23/1985
Date achieved compliance: 01/28/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/22/1985
Date achieved compliance: 03/09/1987
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/09/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/15/1985
Date achieved compliance: 07/13/1984
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

NYCT-207TH STREET YARD (Continued) **1000136838**

Date violation determined: 08/22/1984
Date achieved compliance: 06/10/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/27/1985
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

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/25/1982
Date achieved compliance: 07/19/1984
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/28/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 20000
Paid penalty amount: 5000

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/25/1982
Date achieved compliance: 07/19/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 10/28/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 20000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/25/1982
Date achieved compliance: 07/19/1984
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/01/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 5000
Paid penalty amount: 5000

Evaluation Action Summary:
Evaluation date: 12/16/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

NYCT-207TH STREET YARD (Continued) **1000136838**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 04/26/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/07/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/20/2006
Evaluation lead agency: EPA

Evaluation date: 04/02/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/10/2002
Evaluation lead agency: EPA

Evaluation date: 09/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/13/1995
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/20/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/18/1985
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 01/20/1987
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 05/23/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/28/1987
Evaluation lead agency: EPA

Evaluation date: 05/23/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 01/28/1987
Evaluation lead agency: EPA

NYCT-207TH STREET YARD (Continued) **1000136838**

Evaluation date: 05/22/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1987
Evaluation lead agency: State

Evaluation date: 04/15/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/13/1984
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 08/22/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/10/1985
Evaluation lead agency: State

Evaluation date: 05/25/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/19/1984
Evaluation lead agency: EPA

FTTS INSP:
Inspection Number: 199408095687 2
Region: 04
Inspection Date: 08/09/94
Inspector: PFISTER,BILL
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 199408095687 2
Region: 04
Inspection Date: Not reported
Inspector: PFISTER,BILL
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

FINDS:

Registry ID: 110011751461

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

NYCT-207TH STREET YARD (Continued) **1000136838**

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.

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

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

NJ MANIFEST:

Manifest Code:	003633870JJK
EPA ID:	NYD980646335
Date Shipped:	03/27/09
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/27/09
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/27/09
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: D006
Manifest Year: 2009 New Jersey Manifest Data
Quantity: 690
Unit: P
Hand Code: H111

Manifest Code: NJA5257339
EPA ID: NYD980646335
Date Shipped: 20050620
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050620
Date Trans2 Transported Waste: 000000
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: 050620
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 07270521
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: NJA5257419
EPA ID: NYD980646335
Date Shipped: 20050620
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	050620
Date Trans2 Transported Waste:	000000
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:	050620
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	07220521
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:	NJA5241932
EPA ID:	NYD980646335
Date Shipped:	20051121
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	051121
Date Trans2 Transported Waste:	000000
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:	051210
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	02030621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5212427
EPA ID: NYD980646335
Date Shipped: 20050121
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050121
Date Trans2 Transported Waste: 000000
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: 050121
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03040521
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: NJA5243174
EPA ID: NYD980646335
Date Shipped: 20050915
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	050915
Date Trans2 Transported Waste:	000000
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:	050915
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	11100521
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:	NJA5259071
EPA ID:	NYD980646335
Date Shipped:	20050606
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	050606
Date Trans2 Transported Waste:	000000
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:	050606
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	07180521
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5244332
EPA ID: NYD980646335
Date Shipped: 20050225
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050225
Date Trans2 Transported Waste: 000000
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: 050225
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 04220522
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: NJA5258854
EPA ID: NYD980646335
Date Shipped: 20050518
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	050518
Date Trans2 Transported Waste:	000000
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:	050518
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	06280521
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:	NJA5212324
EPA ID:	NYD980646335
Date Shipped:	20050121
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	050121
Date Trans2 Transported Waste:	000000
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:	050121
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	03040521
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 000892048JJK
EPA ID: NYD980646335
Date Shipped: 12/10/2008
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/10/2008
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: 12/10/2008
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: 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: D006
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 55
Unit: G
Hand Code: H141

Manifest Code: 003535177JJK
EPA ID: NYD980646335
Date Shipped: 12/26/20
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/26/
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/26/
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	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:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	003634589JJK
EPA ID:	NYD980646335
Date Shipped:	11/27/20
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/27/
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:	11/27/
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 003633648JJK
EPA ID: NYD980646335
Date Shipped: 04/09/09
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/09/09
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: 04/09/09
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: 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: D009
Manifest Year: 2009 New Jersey Manifest Data
Quantity: 227
Unit: P
Hand Code: H141

Manifest Code: 003533529JJK
EPA ID: NYD980646335
Date Shipped: 04/22/09
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/22/09
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:	04/22/09
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	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:	D006
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	110
Unit:	G
Hand Code:	H111

Manifest Code:	003536762JJK
EPA ID:	NYD980646335
Date Shipped:	11/18/2008
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/18/2008
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:	11/18/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Waste Code: D008
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 55
Unit: G
Hand Code: H141

Waste Code: D008
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 40
Unit: P
Hand Code: H141

Waste Code: D008
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 880
Unit: P
Hand Code: H111

Manifest Code: 003536822JJK
EPA ID: NYD980646335
Date Shipped: 11/24/2008
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/24/2008
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: 11/24/2008
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: 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: D006
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 55
Unit: G
Hand Code: H141

NYCT-207TH STREET YARD (Continued) **1000136838**

Manifest Code:	003533715JJK
EPA ID:	NYD980646335
Date Shipped:	05/07/09
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/07/09
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:	05/07/09
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	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:	2009 New Jersey Manifest Data
Quantity:	152
Unit:	P
Hand Code:	H111

Manifest Code:	003536069JJK
EPA ID:	NYD980646335
Date Shipped:	05/28/09
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/28/09
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

NYCT-207TH STREET YARD (Continued) **1000136838**

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:	05/28/09
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	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:	D006
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	675
Unit:	P
Hand Code:	H111

Manifest Code:	003535899JJK
EPA ID:	NYD980646335
Date Shipped:	10/22/2008
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/22/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/22/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	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:	D006
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	55
Unit:	G
Hand Code:	H141

NYCT-207TH STREET YARD (Continued) **1000136838**

NY Spills:

Site ID:	300041
Facility Addr2:	Not reported
Facility ID:	8906241
Spill Number:	8906241
Facility Type:	ER
SWIS:	3101
Investigator:	NYC DEP
Referred To:	NYC DEP
Spill Date:	9/21/1989
Reported to Dept:	9/25/1989
CID:	15
Spill Cause:	Housekeeping
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	9/25/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported
Spill Closed Dt:	9/25/1989
Remediation Phase:	0
Date Entered In Computer:	9/29/1989
Spill Record Last Update:	3/21/2005
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	280160
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEP-ASBSTS"
Remarks:	INSULATION COMING OFF PIPE LYING ON GROUND.

Material:

Site ID:	300041
Operable Unit ID:	931333
Operable Unit:	01
Material ID:	446644
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
Site ID:	300041
Operable Unit ID:	931333
Operable Unit:	01
Material ID:	446645

NYCT-207TH STREET YARD (Continued) **1000136838**

Material Code:	0026A
Material Name:	ASBESTOS
Case No.:	01332214
Material FA:	Hazardous Material
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	8906241
Investigator:	DEP-ASBSTS
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	09/21/1989 17:00
Reported to Dept Date/Time:	09/25/89 12:27
SWIS:	62
Spiller Name:	SAME
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Housekeeping
Reported to Dept:	Air
Water Affected:	Not reported
Spill Source:	02
Spill Notifier:	Citizen
PBS Number:	Not reported
Cleanup Ceased:	09/25/89
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Not reported

NYCT-207TH STREET YARD (Continued) **1000136838**

Spill Closed Dt: 09/25/89
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 09/29/89
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: ASBESTOS
Class Type: ASBESTOS
Times Material Entry In File: 0
CAS Number: 01332214
Last Date: Not reported
DEC Remarks: Not reported
Remark: INSULATION COMING OFF PIPE LYING ON GROUND.

Q126 **NYCTA 207TH STREET OVERHAUL SHOP** **AST** **A100300661**
North **3961 TENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10038**
0.234 mi.
1236 ft. **Site 11 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-189960
Program Type: PBS
UTM X: 591320.98962000001
UTM Y: 4524610.1172200004
Expiration Date: 2012/10/15

Tank Number: 006

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Tank Id:	6492
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
J01 - Dispenser - Submersible
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None

Tank Number:	207-3
Tank Id:	63896
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/7/1999
Capacity Gallons:	400
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:	2/22/2007

Equipment Records:

L00 - Piping Leak Detection - None
J00 - Dispenser - None
C01 - Pipe Location - Aboveground
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Tank Number:	207-5
Tank Id:	6493
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/1/2002
Capacity Gallons:	35
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	9/5/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	2/22/2007

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
J00 - Dispenser - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None

Tank Number:	2071
Tank Id:	6488
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	11/7/1997
Capacity Gallons:	120
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:	2/22/2007

Equipment Records:

H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	E/G-SHOP-1
Tank Id:	63895
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/10/2001
Capacity Gallons:	180
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:	2/22/2007

Equipment Records:

L00 - Piping Leak Detection - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
C01 - Pipe Location - Aboveground
K01 - Spill Prevention - Catch Basin
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	E/G-SHOP-2
Tank Id:	66758
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/10/2001
Capacity Gallons:	12
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:	2/22/2007

Equipment Records:

L00 - Piping Leak Detection - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
E00 - Piping Secondary Containment - None

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin

Tank Number:	W/O-BARN-1
Tank Id:	215983
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/5/2006
Capacity Gallons:	120
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:	2/22/2007

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Tank Number:	W/O-BARN-2
Tank Id:	215984
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/5/2006
Capacity Gallons:	120
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Modified By: NRLOMBAR
Last Modified: 2/22/2007

Equipment Records:

A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None

Tank Number: W/O-SHOP-1
Tank Id: 215985
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 9/5/2006
Capacity Gallons: 120
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: 2/22/2007

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
D00 - Pipe Type - No Piping
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None

Tank Number: W/O-SHOP-2
Tank Id: 215986
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Pipe Model:	Not reported
Install Date:	9/5/2006
Capacity Gallons:	120
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:	2/22/2007

Equipment Records:

K01 - Spill Prevention - Catch Basin
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None

Tank Number:	W/O-SHOP-3
Tank Id:	215987
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/5/2006
Capacity Gallons:	120
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:	2/22/2007

Equipment Records:

G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J00 - Dispenser - None
K01 - Spill Prevention - Catch Basin
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Tank Number:	W/O-SHOP-4
Tank Id:	6489
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/3/2001
Capacity Gallons:	120
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:	2/22/2007

Equipment Records:

G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None

Affiliation Records:

Site Id:	5834
Affiliation Type:	Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	ACTING MGR, ENV. PROTECTION
Contact Name:	JAMES HAUSER
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	10/17/2007

Site Id:	5834
Affiliation Type:	On-Site Operator
Company Name:	NYCTA 207TH STREET OVERHAUL SHOP
Contact Type:	Not reported
Contact Name:	NYC TRANSIT AUTHORITY
Address1:	Not reported

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **A100300661**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 544-3112
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/22/2007

Site Id:	5834
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	JAMES HAUSER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	10/9/2007

Site Id:	5834
Affiliation Type:	Mail Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	JAMES HAUSER, OSS
Address1:	2 BROADWAY
Address2:	27TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/17/2007

Q127 **NEW YORK CITY TRANSIT AUTH** **MANIFEST** **1009244578**
North **3961 10TH AVE NYD980646335** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.234 mi.
1236 ft. **Site 12 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYT370011363
Country:	USA
Mailing Name:	NEW YORK CITY TRANSIT AUTH
Mailing Contact:	SQUITIERI JOHN CHEMIST
Mailing Address:	3961 10TH AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11201
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-330-4782

Document ID:	NYO1057554
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810914
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1057563
Manifest Status:	TSDF copy

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810917
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
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Container Type:	Not reported
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Year:	80-81
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Export Ind:	Not reported
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Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
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Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1057572
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810918
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
Manifest Tracking Num:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

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

Document ID:	NYO1057581
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810921
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
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Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	80-81
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Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1057599
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810922

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
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Specific Gravity:	Not reported
Year:	80-81
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Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1057608
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810915
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
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Specific Gravity:	Not reported
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NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

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

Document ID:	NYO1057662
Manifest Status:	TSDF copy
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Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
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Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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Container Type:	Not reported
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Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053135
Manifest Status:	TSDF copy
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Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810915
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

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
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Export Ind:	Not reported
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Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053136
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Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810922
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	Not reported
Quantity:	Not reported
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Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	80-81
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Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

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Manifest Status:	TSDF copy
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Trans2 State ID:	Not reported
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Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810923
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
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Export Ind:	Not reported
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Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
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Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053155
Manifest Status:	TSDF copy
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Trans2 State ID:	Not reported
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Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810921
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Year:	80-81
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053157
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810917
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
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Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053158
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810914
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJO0053159
Manifest Status:	TSDF copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	811021
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	810918
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

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

Document ID:	NYO1934253
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NYJA021
Trans2 State ID:	Not reported
Generator Ship Date:	821018
Trans1 Recv Date:	821018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821019
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	NJD087623617
Trans2 EPA ID:	Not reported
TSDF ID:	NJD096865837
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00120
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1934262
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NYJA021
Trans2 State ID:	Not reported
Generator Ship Date:	821019
Trans1 Recv Date:	821019
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821019
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	NJD087623617

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD096865837
Waste Code:	D000 - NON-LISTED TOXIC WASTES
Quantity:	03700
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NYO1934334
Manifest Status:	Completed copy
Trans1 State ID:	NYJA021
Trans2 State ID:	Not reported
Generator Ship Date:	821027
Trans1 Recv Date:	821027
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821028
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	NJD087623617
Trans2 EPA ID:	Not reported
TSDF ID:	NJD096865837
Waste Code:	D000 - NON-LISTED TOXIC WASTES
Quantity:	03000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

NEW YORK CITY TRANSIT AUTH (Continued) **1009244578**

Mgmt Method Type Code: Not reported

Document ID:	NYO1934352
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	RI02854
Trans2 State ID:	Not reported
Generator Ship Date:	821109
Trans1 Recv Date:	821109
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	821109
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYT370011363
Trans1 EPA ID:	NJD087623617
Trans2 EPA ID:	Not reported
TSDF ID:	NJD096865837
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	03360
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	82
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Q128 **NYCTA 207TH STREET OVERHAUL SHOP** **UST** **U004076827**
North **3961 TENTH AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10038**
0.234 mi.
1236 ft. **Site 13 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

UST:

Facility Id:	2-189960
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/10/15
UTM X:	591320.98962000001
UTM Y:	4524610.1172200004
Site ID:	5834
Tank Number:	207-1
Tank ID:	6490
Tank Status:	In Service

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **U004076827**

Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1954
Capacity Gallons:	35000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	2/22/2007

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
L00 - Piping Leak Detection - None
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number:	207-2
Tank ID:	6491
Tank Status:	Temporarily Out of Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1954
Capacity Gallons:	35000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	2/22/2007

Equipment Records:

L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
J00 - Dispenser - None
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **U004076827**

D01 - Pipe Type - Steel/Carbon Steel/Iron

Affiliation Records:

Site Id:	5834
Affiliation Type:	Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	ACTING MGR, ENV. PROTECTION
Contact Name:	JAMES HAUSER
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	10/17/2007

Site Id:	5834
Affiliation Type:	On-Site Operator
Company Name:	NYCTA 207TH STREET OVERHAUL SHOP
Contact Type:	Not reported
Contact Name:	NYC TRANSIT AUTHORITY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 544-3112
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/22/2007

Site Id:	5834
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	JAMES HAUSER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	10/9/2007

NYCTA 207TH STREET OVERHAUL SHOP (Continued) **U004076827**

Site Id:	5834
Affiliation Type:	Mail Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	JAMES HAUSER, OSS
Address1:	2 BROADWAY
Address2:	27TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/17/2007

R129 **79 POST AVENUE** **AST** **A100183366**
West **79 POST AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.238 mi.
1256 ft. **Site 9 of 9 in cluster R**

Relative:
Equal

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606787
Program Type:	PBS
UTM X:	590837.00286000001
UTM Y:	4524201.2438599998
Expiration Date:	2011/08/22
Tank Number:	001
Tank Id:	61878
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
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:	3/4/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

79 POST AVENUE (Continued) **A100183366**

H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction

Affiliation Records:

Site Id:	28644
Affiliation Type:	Owner
Company Name:	NYC/HPD/DPM
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 GOLD ST., #6Z1
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7087
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	8/19/2004

Site Id:	28644
Affiliation Type:	Emergency Contact
Company Name:	NYC/HPD/DPM
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DPM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 863-7087
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	8/19/2004

Site Id:	28644
Affiliation Type:	Mail Contact
Company Name:	NYC/HPD/DPM
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DPM
Address1:	100 GOLD STREET
Address2:	#6Z1
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7087
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG

79 POST AVENUE (Continued) **A100183366**

Date Last Modified:	7/11/2006
Site Id:	28644
Affiliation Type:	On-Site Operator
Company Name:	79 POST AVENUE
Contact Type:	Not reported
Contact Name:	ASST. COMMISSIONER/DPM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 863-7087
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Q130 **NYC TRANSIT** **LTANKS** **S105135505**
North **3961 TENTH AVE** **HIST LTANKS** **N/A**
1/8-1/4 **MANHATTEN, NY**
0.238 mi.
1259 ft. **Site 14 of 14 in cluster Q**

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	169693
Spill No:	0106375
Spill Date:	9/17/2001
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	REMEDIATION TENTATIVELY SCHEDULED FOR 12/2008
Reported to Dept:	9/17/2001
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	5
Date Entered In Computer:	9/17/2001
Spill Record Last Update:	9/28/2006
Spiller Name:	FRANCIS VOLMUELLER
Spiller Company:	NYC TRANSIT.
Spiller Address:	3961 TENTH AVE
Spiller City,St,Zip:	MANHATTAN, NY 11201-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported

NYC TRANSIT (Continued) **S105135505**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	280160
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" See also 02-04997 & 02-02959. This spill will now refer to both #6 heating oil tanks. 06-23-05: Initial site investigation identified soil contamination and free product. It also identified another tank. A supplemental investigation work plan has been submitted and approved to define the extent of contamination and to provide monitroing and bailing points to monitor the plume while the yard is being reconstructed. The tanks and associated contamination will be removed during the reconstruction phase pertaining to the boiler plant. 09/28/06: Tenative schedule for tank and soil removal - December 2008, if NTP is issued in December 2006.
Remarks:	u/g tank failed test property manager will be advised asap retest may be tried later

Material:

Site ID:	169693
Operable Unit ID:	843280
Operable Unit:	01
Material ID:	531236
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	169693
Spill Tank Test:	1526610
Tank Number:	3
Tank Size:	35000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II
Site ID:	169693
Spill Tank Test:	1526611
Tank Number:	4
Tank Size:	35000
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

NYC TRANSIT (Continued) **S105135505**

HIST LTANKS:

Region of Spill:	2
Spill Number:	0106375
Spill Date:	09/17/2001
Spill Time:	15:30
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/17/01
Reported to Department Time:	16:24
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYC TRANSIT.
Spiller Address:	3961 TENTH AVE
Spiller City,St,Zip:	MANHATTEN, NY 11201-
Spiller Cleanup Date:	/ /
Facility Contact:	FRANCIS VOLMUELLER
Facility Phone:	(718) 243-3449
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	09/17/01
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	09/18/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	2
Tank Size:	35000
Test Method:	Horner EZ Check
Leak Rate Failed Tank:	0.00

NYC TRANSIT (Continued) **S105135505**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: u/g tank failed test property manager will be advised asap retest may be tried later

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U131 **3961 TENTH AVE** **LTANKS** **S101658293**
North **3961 TENTH AVE** **HIST LTANKS** **N/A**
1/8-1/4 **MANHATTAN, NY**
0.239 mi.
1260 ft. **Site 1 of 3 in cluster U**

Relative:
Higher

Actual:
20 ft.

LTANKS:
Site ID: 330684
Spill No: 9301145
Spill Date: 4/23/1993
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.
Spill Closed Dt: 11/20/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 4/23/1993
CID: 15
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 4/27/1993
Spill Record Last Update: 7/20/2005
Spiller Name: Not reported
Spiller Company: SHELL
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

3961 TENTH AVE (Continued) **S101658293**

DER Facility ID: 117721
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 06/27/95: 88-07698=PRODUCT IN WELL #1.87-08221=(3) 4K UST FAILED TT. 12/06/95 SEE ALSO 87-08221 WHICH MAY BE SAME SITE, WRONG ADDRESS, WILL BE CHECKED OUT 11/20/2003 - Groundwater analysis for VOC and SVOC is completed. Dissolved phase concentrations remain low. Based on electron acceptor data, biodegradation is acting to reduce the residual concentrations. Minor MTBE hits. Adjacent neighbor to rear and side is Con Ed Power Plant. OK to Close
Remarks: EX ISO RETEST. WAS TOMASELLO SPILL, RE-ASSIGNED-MULQUEEN ON 4/18/95. SHELL ADDRESSING THE PROBLEM AT THE SITE. SEE FILE ALSO 87-08221 & 88-07698

Material:
Site ID: 330684
Operable Unit ID: 979743
Operable Unit: 01
Material ID: 401872
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 330684
Spill Tank Test: 1541452
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

HIST LTANKS:
Region of Spill: 2
Spill Number: 9301145
Spill Date: 04/23/1993
Spill Time: 15:00
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: MULQUEEN

3961 TENTH AVE (Continued) **S101658293**

Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 04/23/93
Reported to Department Time: 16:07
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: SHELL
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/27/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/28/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 06/27/95: 88-07698=PRODUCT IN WELL 1.87-08221= 3) 4K UST FAILED TT. 12/06/95
SEE ALSO 87-08221 WHICH MAY BE SAME SITE, WRONG ADDRESS, WILL BE CHECKED OUT

3961 TENTH AVE (Continued) **S101658293**

Spill Cause: EX ISO RETEST. WAS TOMASELLO SPILL, RE-ASSIGNED-MULQUEEN ON 4/18/95. SHELL ADDRESSING THE PROBLEM AT THE SITE. SEE FILE ALSO 87-08221 88-07698

U132 **3961 TENTH AVE/SHELL SERV** **LTANKS** **S104275502**
North **3961 TENTH AVE** **HIST LTANKS** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.239 mi.
1260 ft. **Site 2 of 3 in cluster U**

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	169694
Spill No:	8708221
Spill Date:	12/22/1987
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/27/1995
Facility Addr2:	Not reported
Cleanup Ceased:	6/27/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	12/22/1987
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/31/1988
Spill Record Last Update:	6/28/1995
Spiller Name:	Not reported
Spiller Company:	SHELL SERVICE STATION
Spiller Address:	3961 TENTH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	142861
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN" / / : WAS A TOMASELLO SPILL. REASSIGNED 4/18/95 TO MULQUEEN. SHELL ADDRESSING SITE PROBLEM SEE FILE. SEE ALSO 93-01145. 06/27/95: WAS TOMASELLO SPILL,REASSIGNED 4/18/95 TO MULQUEEN. SHELL ADDRESSING SITE PROBLEM SEE FILE. SEE ALSO 93-01145.
Remarks:	(3) 4K TANKS FAILED, 1ST SUPER UNLEADED WITH LEAK RATE OF 1.0GPH, 2ND REGULAR UNLEADED WITH LEAK RATE OF 4GPH, 3RD REGULAR GASOLINE FAILED WITH A LEAK RATE OF 1.0GPH. SEE ALSO 9301145.

Material:

Site ID:	169694
Operable Unit ID:	913744
Operable Unit:	01

3961 TENTH AVE/SHELL SERV (Continued) **S104275502**

Material ID:	463616
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	169694
Spill Tank Test:	1532779
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	8708221
Spill Date:	12/22/1987
Spill Time:	14:10
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	06/27/95
Cleanup Ceased:	06/27/95
Cleanup Meets Standard:	True
Investigator:	MULQUEEN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/22/87
Reported to Department Time:	15:55
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	SHELL SERVICE STATION
Spiller Address:	3961 TENTH AVE
Spiller City,St,Zip:	NEW YORK, N.Y.

3961 TENTH AVE/SHELL SERV (Continued) **S104275502**

Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (516) 938-8686
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-190853
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/31/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/28/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: / / : WAS A TOMASELLO SPILL. REASSIGNED 4/18/95 TO MULQUEEN. SHELL ADDRESSING SITE PROBLEM SEE FILE. SEE ALSO 93-01145. 06/27/95: WAS TOMASELLO SPILL,REASSIGNED 4/18/95 TO MULQUEEN. SHELL ADDRESSING SITE PROBLEM SEE FILE. SEE ALSO 93-01145.
Spill Cause: 3) 4K TANKS FAILED, 1ST SUPER UNLEADED WITH LEAK RATE OF 1.0GPH, 2ND REGULAR UNLEADED WITH LEAK RATE OF 4GPH, 3RD REGULAR GASOLINE FAILED WITH A LEAK RATE OF 1.0GPH. SEE ALSO 9301145.

T133 **207 SHERMAN ASSOC., LLC.** **AST** **A100146978**
WNW **189-199 SHERMAN AVENUE** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.242 mi.
1279 ft. **Site 2 of 3 in cluster T**

Relative:
Equal

Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-275166
Program Type: PBS

207 SHERMAN ASSOC., LLC. (Continued) **A100146978**

UTM X:	590887.97777999996
UTM Y:	4524364.20627
Expiration Date:	2014/05/25

Tank Number:	001
Tank Id:	13838
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	7/1/1925
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:	2/27/2009

Equipment Records:

G99 - Tank Secondary Containment - Other
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating

Affiliation Records:

Site Id:	11788
Affiliation Type:	On-Site Operator
Company Name:	207 SHERMAN ASSOC., LLC.
Contact Type:	Not reported
Contact Name:	RAFEAL GONZAKZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 706-9484
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/5/2004

Site Id:	11788
Affiliation Type:	Mail Contact
Company Name:	207 SHERMAN ASSOCIATES
Contact Type:	Not reported
Contact Name:	SILVIA PEREZ

207 SHERMAN ASSOC., LLC. (Continued) **A100146978**

Address1:	C/O SDG MANAGEMENT CORP.
Address2:	888 7TH AVE, 24TH FL.
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 660-1237
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/7/2005

Site Id:	11788
Affiliation Type:	Owner
Company Name:	207 SHERMAN ASSOC., LLC.
Contact Type:	AGENT
Contact Name:	CYNTHIA MARRERO
Address1:	888 7TH AVE, 24TH FL
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/27/2009

Site Id:	11788
Affiliation Type:	Emergency Contact
Company Name:	207 SHERMAN ASSOC., LLC.
Contact Type:	Not reported
Contact Name:	SDG MANAGEMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 755-5390
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/5/2004

V134 NW 1/8-1/4 0.244 mi. 1290 ft. | **LEEDS CLEANERS**
575 W 207TH ST
NEW YORK, NY 10034 | **RCRA-NonGen FINDS MANIFEST** | **1004758323 NYD986993368**

Site 1 of 4 in cluster V

Relative: Higher

Actual: 26 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	LEEDS CLEANERS
Facility address:	575 W 207TH ST NEW YORK, NY 10034
EPA ID:	NYD986993368
Mailing address:	W 207TH ST NEW YORK, NY 10034
Contact:	JEROME KLEIN
Contact address:	W 207TH ST NEW YORK, NY 10034
Contact country:	US
Contact telephone:	(212) 942-6870
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste
Handler accessibilty indicator:	Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
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
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	LEEDS CLEANERS
Classification:	Not a generator, verified
Date form received by agency:	07/07/1997
Facility name:	LEEDS CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110001610757

Environmental Interest/Information System

LEEDS CLEANERS (Continued) **1004758323**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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

NY MANIFEST:

EPA ID:	NYD986993368
Country:	USA
Mailing Name:	LEEDS DRY CLNRS INC
Mailing Contact:	N/S
Mailing Address:	575 W 207TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10034
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-942-6870

Document ID:	NJA1812957
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	931229
Trans1 Recv Date:	931229
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931229
Part A Recv Date:	940111
Part B Recv Date:	940120
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001

LEEDS CLEANERS (Continued) **1004758323**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1822145
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940128
Trans1 Recv Date:	940128
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940128
Part A Recv Date:	940208
Part B Recv Date:	940208
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1804628
Manifest Status:	Completed copy
Trans1 State ID:	S8690

LEEDS CLEANERS (Continued) **1004758323**

Trans2 State ID:	Not reported
Generator Ship Date:	940422
Trans1 Recv Date:	940422
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940422
Part A Recv Date:	940504
Part B Recv Date:	940510
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2665848
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	961122
Trans1 Recv Date:	961122
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961122
Part A Recv Date:	961216
Part B Recv Date:	961212
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported

LEEDS CLEANERS (Continued) **1004758323**

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

Document ID:	NJA2698543
Manifest Status:	Completed copy
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	961007
Trans1 Recv Date:	961007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961007
Part A Recv Date:	961024
Part B Recv Date:	961031
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1444376
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:	920507
Trans1 Recv Date:	920507
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920507
Part A Recv Date:	920529

LEEDS CLEANERS (Continued) **1004758323**

Part B Recv Date:	920908
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2517240
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	960813
Trans1 Recv Date:	960813
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960813
Part A Recv Date:	960827
Part B Recv Date:	960829
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported

LEEDS CLEANERS (Continued) **1004758323**

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

Document ID:	NJA1945807
Manifest Status:	Completed copy
Trans1 State ID:	58149
Trans2 State ID:	Not reported
Generator Ship Date:	941018
Trans1 Recv Date:	941018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941018
Part A Recv Date:	941026
Part B Recv Date:	941104
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1949330
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940519
Trans1 Recv Date:	940519
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940519
Part A Recv Date:	940601
Part B Recv Date:	940602
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

LEEDS CLEANERS (Continued) **1004758323**

Quantity:	00095
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2527224
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	960716
Trans1 Recv Date:	960716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960716
Part A Recv Date:	960731
Part B Recv Date:	960801
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

LEEDS CLEANERS (Continued) **1004758323**

Document ID:	NJA1421093
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920603
Trans1 Recv Date:	920603
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920603
Part A Recv Date:	Not reported
Part B Recv Date:	920616
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1948162
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940615
Trans1 Recv Date:	940615
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940615
Part A Recv Date:	940628
Part B Recv Date:	940630
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
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

LEEDS CLEANERS (Continued) **1004758323**

Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1802805
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940304
Trans1 Recv Date:	940304
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940304
Part A Recv Date:	940316
Part B Recv Date:	940316
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1961535
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	941108
Trans1 Recv Date:	941108

LEEDS CLEANERS (Continued) **1004758323**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941108
Part A Recv Date:	941122
Part B Recv Date:	941130
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA2656320
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:	961104
Trans1 Recv Date:	961104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961104
Part A Recv Date:	961126
Part B Recv Date:	961203
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

LEEDS CLEANERS (Continued) **1004758323**

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

Document ID:	NJA1351858
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921104
Trans1 Recv Date:	921104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921104
Part A Recv Date:	921123
Part B Recv Date:	921127
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1634775
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921207
Trans1 Recv Date:	921207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921207
Part A Recv Date:	921222
Part B Recv Date:	921223
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD051060408

LEEDS CLEANERS (Continued) **1004758323**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1463296
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920701
Trans1 Recv Date:	920701
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920701
Part A Recv Date:	Not reported
Part B Recv Date:	920714
Generator EPA ID:	NYD986993368
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00040
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

LEEDS CLEANERS (Continued) **1004758323**

Mgmt Method Type Code: Not reported

Document ID: NJA1415821
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920930
Trans1 Recv Date: 920930
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920930
Part A Recv Date: Not reported
Part B Recv Date: 921008
Generator EPA ID: NYD986993368
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NJA1413818
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 920729
Trans1 Recv Date: 920729
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920729
Part A Recv Date: Not reported
Part B Recv Date: 920812
Generator EPA ID: NYD986993368
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00160
Units: P - Pounds
Number of Containers: 001

LEEDS CLEANERS (Continued) **1004758323**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

V135 **LEED'S ONE HOUR CLEANERS** **DRYCLEANERS** **S110247133**
NW **575W 207TH ST.** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.244 mi.
1290 ft. **Site 2 of 4 in cluster V**

Relative:
Higher

Actual:
26 ft.

DRYCLEANERS:

Facility ID:	2-6201-00280
Region:	2
Registration Effective Date:	5/22/2002 16:44:48:666
Inspection Date:	04AUG26
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	NOT A DRY CLEANER

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136 **526 WEST 211ST STREET** **AST** **U003385320**
North **526 WEST 211ST STREET** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.246 mi.
1299 ft.

Relative:
Higher

Actual:
26 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-130044
Program Type:	PBS
UTM X:	591226.79503000004
UTM Y:	4524600.1808200004
Expiration Date:	2012/08/15
Tank Number:	001
Tank Id:	5550
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

526 WEST 211ST STREET (Continued) **U003385320**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1979
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:	7/31/2009

Equipment Records:

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

Affiliation Records:

Site Id:	4065
Affiliation Type:	Emergency Contact
Company Name:	526-211 ASSOCIATES
Contact Type:	Not reported
Contact Name:	PALE MGMT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 496-1001
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	4065
Affiliation Type:	On-Site Operator
Company Name:	526 WEST 211TH STREET
Contact Type:	Not reported
Contact Name:	ANGEL NIEVES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 623-1261
Phone Ext:	Not reported

526 WEST 211ST STREET (Continued) **U003385320**

Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/6/2009

Site Id:	4065
Affiliation Type:	Owner
Company Name:	526 WEST 211 GROUP, LLC
Contact Type:	AGENT
Contact Name:	MORREY A. FORMAN
Address1:	775 BROADWAY AVE, SUITE 103
Address2:	Not reported
City:	BALDWIN
State:	NY
Zip Code:	11510
Country Code:	001
Phone:	(516) 868-5224
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/6/2009

Site Id:	4065
Affiliation Type:	Mail Contact
Company Name:	YORKSHIRE MANAGEMENT CORP.
Contact Type:	Not reported
Contact Name:	MORREY A. FORMAN
Address1:	775 BROOKLYN AVE
Address2:	SUITE 103
City:	BALDWIN
State:	NY
Zip Code:	11510
Country Code:	001
Phone:	(516) 868-5224
Phone Ext:	Not reported
Email:	YORKSHIREPROPERTYMANAGERS@VERIZON.NET
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/6/2009

HIST AST:

PBS Number:	2-130044
SWIS Code:	6201
Operator:	JAMES BEULON
Facility Phone:	(212) 569-5066
Facility Addr2:	526 WEST 211ST STREET
Facility Type:	APARTMENT BUILDING
Emergency:	PALE MGMT
Emergency Tel:	(212) 496-1001
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	526-211 ASSOCIATES
Owner Address:	132 WEST 81ST STREET
Owner City,St,Zip:	NEW YORK, NY 10024

526 WEST 211ST STREET (Continued) **U003385320**

Federal ID:	Not reported
Owner Tel:	(212) 362-2221
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	SCOTT LEISNER
Mailing Name:	PALE MANAGEMENT
Mailing Address:	200 WEST 72 STREET
Mailing Address 2:	ROOM # 61
Mailing City,St,Zip:	NEW YORK, NY 10023
Mailing Telephone:	(212) 496-1001
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:	06/23/1997
Expiration:	06/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

W137 West 1/8-1/4 0.246 mi. 1298 ft.

75 PORT AVE
75 POST AVENUE
NEW YORK, NY 10034

Site 1 of 2 in cluster W

AST **U003391415**
HIST AST **N/A**

Relative: Equal

Actual: 19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-373958
Program Type:	PBS
UTM X:	590856.47215000005
UTM Y:	4524207.02415
Expiration Date:	N/A
Tank Number:	001
Tank Id:	21426
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
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:	8/29/2008
Register:	True
Modified By:	NRLOMBAR
Last Modified:	3/10/2009

Equipment Records:

I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B05 - Tank External Protection - Jacketed
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Affiliation Records:

Site Id:	18795
Affiliation Type:	Owner
Company Name:	75 POST REALTY LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P O BOX 1424
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101

75 PORT AVE (Continued) **U003391415**

Country Code:	001
Phone:	(917) 558-2164
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/10/2009

Site Id:	18795
Affiliation Type:	Emergency Contact
Company Name:	75 POST AVENUE LLC
Contact Type:	Not reported
Contact Name:	SERGIO MARTINES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 690-1814
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2005

Site Id:	18795
Affiliation Type:	On-Site Operator
Company Name:	75 PORT AVENUE LLC
Contact Type:	Not reported
Contact Name:	DANILO MESA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 442-6802
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2005

Site Id:	18795
Affiliation Type:	Mail Contact
Company Name:	75 POST REALTY LLC
Contact Type:	Not reported
Contact Name:	DAVID NAHUM
Address1:	P.O. BOX 1424
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(917) 558-2164
Phone Ext:	Not reported

75 PORT AVE (Continued) **U003391415**

Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/10/2009

HIST AST:

PBS Number:	2-373958
SWIS Code:	6201
Operator:	POST AVENUE PARTNERS
Facility Phone:	(212) 543-2800
Facility Addr2:	75 POST AVENUE
Facility Type:	Not reported
Emergency:	HSC MANAGEMENT CORP
Emergency Tel:	(212) 543-2800
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	POST AVENUE PARTNERS
Owner Address:	193 MT VIEW DR
Owner City,St,Zip:	CLIFTON, NJ 07013
Federal ID:	Not reported
Owner Tel:	(201) 881-7496
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	POST AVENUE PARTNERS
Mailing Address:	193 MT VIEW DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CLIFTON, NJ 07013
Mailing Telephone:	(201) 881-7496
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:	11/16/1987
Expiration:	11/16/1992
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	Minor Data Missing
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:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000

75 PORT AVE (Continued) **U003391415**

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:	6
Tank Containment:	None
Leak Detection:	9
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

T138 **SHERMAN HOLDING CORP.** **AST** **U003388705**
WNW **600 W 204TH ST** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.246 mi.
1300 ft. **Site 3 of 3 in cluster T**

Relative:
Equal

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-279234
Program Type:	PBS
UTM X:	590881.84624999994
UTM Y:	4524357.4420499997
Expiration Date:	2012/08/05
Tank Number:	001
Tank Id:	14475
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	9/1/1994
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	6/7/2007

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

SHERMAN HOLDING CORP. (Continued) **U003388705**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B05 - Tank External Protection - Jacketed
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping

Affiliation Records:

Site Id:	12143
Affiliation Type:	On-Site Operator
Company Name:	SHERMAN HOLDING CORP.
Contact Type:	Not reported
Contact Name:	ALEJANDRO NUNEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-5955
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12143
Affiliation Type:	Emergency Contact
Company Name:	SHERMAN HOLDING CORP.
Contact Type:	Not reported
Contact Name:	MARTIN S. LEVINE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 838-1255
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	12143
Affiliation Type:	Owner
Company Name:	SHERMAN HOLDING CORP.
Contact Type:	AGENT
Contact Name:	MARTIN S. LEVINE
Address1:	805 THIRD AVENUE - SUITE 1100
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001

SHERMAN HOLDING CORP. (Continued) **U003388705**

Phone:	(212) 838-1255
Phone Ext:	Not reported
Email:	ELDOEADO805@AOL.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2007

Site Id:	12143
Affiliation Type:	Mail Contact
Company Name:	SHERMAN HOLDING CORP.
Contact Type:	AGENT
Contact Name:	MARTIN S. LEVINE
Address1:	805 THIRD AVENUE - SUITE 1100
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 838-1255
Phone Ext:	Not reported
Email:	ELDOEADO805@AOL.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	6/7/2007

HIST AST:

PBS Number:	2-279234
SWIS Code:	6201
Operator:	JUFAD MARKOVIC
Facility Phone:	(212) 304-1617
Facility Addr2:	600 W 204TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	MARTIN S. LEVINE
Emergency Tel:	(212) 838-1255
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	SHERMAN HOLDING CORP.
Owner Address:	805 THIRD AVENUE - SUITE 1100
Owner City,St,Zip:	NEW YORK, NY 10022
Federal ID:	Not reported
Owner Tel:	(212) 838-1255
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MARTIN S. LEVINE
Mailing Name:	SHERMAN HOLDING CORP.
Mailing Address:	805 THIRD AVENUE - SUITE 1100
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10022
Mailing Telephone:	(212) 838-1255
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	08/06/1997

SHERMAN HOLDING CORP. (Continued) **U003388705**

Expiration:	08/05/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	05
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	00
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

V139 **LEEDS DRY CLEANERS INC** **RCRA-NonGen** **1004756436**
NW **576 W 207TH ST** **MANIFEST** **NYD083616482**
1/8-1/4 **NEW YORK, NY 10034**
0.246 mi.
1300 ft. **Site 3 of 4 in cluster V**

Relative:
Higher

Actual:
26 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	LEEDS DRY CLEANERS INC
Facility address:	576 W 207TH ST NEW YORK, NY 10034
EPA ID:	NYD083616482
Mailing address:	W 207TH ST NEW YORK, NY 10034
Contact:	Not reported
Contact address:	W 207TH ST

LEEDS DRY CLEANERS INC (Continued) **1004756436**

NEW YORK, NY 10034
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: JEROME KLEIN
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: JEROME KLEIN
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 accessibilty indicator: Transferred to the program or state equivalent.

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: LEEDS DRY CLEANERS INC
Classification: Not a generator, verified

Date form received by agency: 04/05/1995
Facility name: LEEDS DRY CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Date form received by agency: 07/05/1988
Facility name: LEEDS DRY CLEANERS INC
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYD083616482
Country: USA
Mailing Name: LEEDS DRY CLEANER INC
Mailing Contact: LEEDS DRY CLEANER INC
Mailing Address: 576 W 207TH
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10034
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-442-6870

Document ID: NJA0505597
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 881209
Trans1 Recv Date: 881209
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881209
Part A Recv Date: 881215
Part B Recv Date: 881220
Generator EPA ID: NYD083616482
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00070
Units: P - 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
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NJA0501059

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880929
Trans1 Recv Date:	880929
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880929
Part A Recv Date:	881004
Part B Recv Date:	881007
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0637798
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890508
Trans1 Recv Date:	890508
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890508
Part A Recv Date:	890512
Part B Recv Date:	890515
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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

LEEDS DRY CLEANERS INC (Continued) **1004756436**

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

Document ID:	NJA0510880
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890117
Trans1 Recv Date:	890117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890117
Part A Recv Date:	890126
Part B Recv Date:	890123
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1211242
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910729
Trans1 Recv Date:	910729
Trans2 Recv Date:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

TSD Site Recv Date:	910729
Part A Recv Date:	910808
Part B Recv Date:	910813
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1203327
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910702
Trans1 Recv Date:	910702
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910702
Part A Recv Date:	910711
Part B Recv Date:	910716
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

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

Document ID:	NJA1213812
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910828
Trans1 Recv Date:	910828
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910828
Part A Recv Date:	910909
Part B Recv Date:	910912
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00135
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:	91
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1337084
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911022
Trans1 Recv Date:	911022
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911022
Part A Recv Date:	Not reported
Part B Recv Date:	911115
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1344269
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911223
Trans1 Recv Date:	911223
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911223
Part A Recv Date:	920106
Part B Recv Date:	920114
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Document ID:	NJA1344615
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920212
Trans1 Recv Date:	920212
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920212
Part A Recv Date:	920221
Part B Recv Date:	920227
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA1346548
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	911003
Trans1 Recv Date:	911003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911003
Part A Recv Date:	911017
Part B Recv Date:	911018
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Year:	91
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0497445
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	881028
Trans1 Recv Date:	881028
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881028
Part A Recv Date:	881103
Part B Recv Date:	881118
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0567250
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890313
Trans1 Recv Date:	890313

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890313
Part A Recv Date:	890320
Part B Recv Date:	890323
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0618315
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890606
Trans1 Recv Date:	890606
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890606
Part A Recv Date:	890613
Part B Recv Date:	890614
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

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

Document ID:	NJA9627269
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890804
Trans1 Recv Date:	890804
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890804
Part A Recv Date:	890809
Part B Recv Date:	890809
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA9624655
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890706
Trans1 Recv Date:	890706
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890706
Part A Recv Date:	890712
Part B Recv Date:	890712
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0564583
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	890412
Trans1 Recv Date:	890412
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890412
Part A Recv Date:	890418
Part B Recv Date:	890420
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - 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
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Mgmt Method Type Code: Not reported

Document ID: NJA0712395
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891127
Trans1 Recv Date: 891127
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891127
Part A Recv Date: 891201
Part B Recv Date: 891204
Generator EPA ID: NYD083616482
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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: 89
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NJA0714134
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: 890927
Trans1 Recv Date: 890927
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890927
Part A Recv Date: 891002
Part B Recv Date: 891109
Generator EPA ID: NYD083616482
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00070
Units: P - Pounds
Number of Containers: 001

LEEDS DRY CLEANERS INC (Continued) **1004756436**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

Document ID:	NJA0809438
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900313
Trans1 Recv Date:	900313
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900313
Part A Recv Date:	900403
Part B Recv Date:	900405
Generator EPA ID:	NYD083616482
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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:	90
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

U140 North 1/8-1/4 0.248 mi. 1310 ft. | **W.D. AUTO REPAIRS INC.**
3966 10TH AVENUE
NEW YORK, NY 10034

Site 3 of 3 in cluster U

AST | **A100300927**
N/A

Relative: Equal

Actual: 19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610487
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	2012/02/16
Tank Number:	001
Tank Id:	215892
Tank Location:	3
Tank Type:	Plastic
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	6/1/2006
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:	2/16/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
C00 - Pipe Location - No Piping
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Affiliation Records:

Site Id:	377378
Affiliation Type:	Emergency Contact
Company Name:	WINNA DIAZ
Contact Type:	Not reported
Contact Name:	CHENEY VASQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

W.D. AUTO REPAIRS INC. (Continued) **A100300927**

Phone:	(914) 774-9362
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/16/2007

Site Id:	377378
Affiliation Type:	Owner
Company Name:	WINNA DIAZ
Contact Type:	Not reported
Contact Name:	GERSON MARCHENA
Address1:	3966 10TH AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(914) 202-8745
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/16/2007

Site Id:	377378
Affiliation Type:	Mail Contact
Company Name:	W.D. AUTO REPAIRS INC.
Contact Type:	Not reported
Contact Name:	GERSON MARCHENA
Address1:	3966 TENTH AVENUE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10034
Country Code:	001
Phone:	(212) 567-7861
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2/16/2007

Site Id:	377378
Affiliation Type:	On-Site Operator
Company Name:	W.D. AUTO REPAIRS INC.
Contact Type:	Not reported
Contact Name:	GERSON MARCHENA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-7861
Phone Ext:	Not reported
Email:	Not reported

W.D. AUTO REPAIRS INC. (Continued) **A100300927**

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/16/2007

V141 **155 REALTY CORP** **AST** **U003396177**
NNW **153 VERMILYEA AVE** **HIST AST** **N/A**
1/8-1/4 **NEW YORK, NY 10034**
0.250 mi.
1317 ft. **Site 4 of 4 in cluster V**

Relative:
Higher

Actual:
27 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-601431
Program Type: PBS
UTM X: 591047.76979000005
UTM Y: 4524559.11044
Expiration Date: 2010/08/10

Tank Number: 001
Tank Id: 45974
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
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: 3/4/2004

Equipment Records:
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)

Affiliation Records:
Site Id: 23397
Affiliation Type: Mail Contact
Company Name: BRONSTEIN PROPERTIES, LLC
Contact Type: Not reported
Contact Name: BARRY RUDOFSKY
Address1: 108-18 QUEENS BLVD, SUITE 302
Address2: Not reported

155 REALTY CORP (Continued) **U003396177**

City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/30/2005

Site Id:	23397
Affiliation Type:	Emergency Contact
Company Name:	VERILYEA 153, LLC
Contact Type:	Not reported
Contact Name:	BARRY RUDOFSKY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/10/2005

Site Id:	23397
Affiliation Type:	Owner
Company Name:	VERILYEA 153, LLC
Contact Type:	LLC MEMBER
Contact Name:	BARRY RUDOFSKY
Address1:	108-18 QUEENS BLVD, SUITE 302
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 261-5235
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/10/2005

Site Id:	23397
Affiliation Type:	On-Site Operator
Company Name:	VERILYEA 153, LLC
Contact Type:	Not reported
Contact Name:	JULIO ORTIZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

155 REALTY CORP (Continued) **U003396177**

Country Code:	001
Phone:	(212) 304-0391
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	8/10/2005

HIST AST:

PBS Number:	2-601431
SWIS Code:	6201
Operator:	JULIO ORTIZ
Facility Phone:	(212) 304-0391
Facility Addr2:	153 VERMILYEA AVE
Facility Type:	APARTMENT BUILDING
Emergency:	JEFF FARKAS
Emergency Tel:	(718) 263-5211
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	155 REALTY CORP
Owner Address:	P.O BOX 750443
Owner City,St,Zip:	FOREST HILLS, NY 11375
Federal ID:	Not reported
Owner Tel:	(718) 263-5211
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	JEFF FARKAS
Mailing Name:	155 REALTY CORP
Mailing Address:	P.O BOX 750443
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOREST HILLS, NY 11375
Mailing Telephone:	(718) 263-5211
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:	08/27/1999
Expiration:	04/06/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2000
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:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND

155 REALTY CORP (Continued) **U003396177**

Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	00
Overfill Protection:	64
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

W142 **65 POST AVENUE** **LTANKS** **S102672740**
West **65 POST AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY** **AST**
0.266 mi. **HIST AST**
1403 ft. **Site 2 of 2 in cluster W**

Relative:
Equal

Actual:
19 ft.

LTANKS:

Site ID:	210499
Spill No:	9412467
Spill Date:	12/16/1994
Spill Cause:	Tank Overfill
Spill Source:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/16/1994
Facility Addr2:	Not reported
Cleanup Ceased:	12/16/1994
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	12/16/1994
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/14/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	MB TRUCKING CO

65 POST AVENUE (Continued) **S102672740**

Spiller Address:	Not reported
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	174502
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	ON SIDEWALK

Material:

Site ID:	210499
Operable Unit ID:	1010091
Operable Unit:	01
Material ID:	374775
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9412467
Spill Date:	12/16/1994
Spill Time:	15:40
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/16/94
Cleanup Ceased:	12/16/94
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported

65 POST AVENUE (Continued) **S102672740**

Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/16/94
Reported to Department Time: 15:40
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MB TRUCKING CO
Spiller Address: Not reported
Spiller City,St,Zip: NEW YORK, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 328-3275
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/14/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: ON SIDEWALK

65 POST AVENUE (Continued) **S102672740**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-334383
Program Type:	PBS
UTM X:	590824.14950000006
UTM Y:	4524189.6394100003
Expiration Date:	2012/11/16
Tank Number:	019
Tank Id:	30863
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	5/21/1926
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	10/17/2007

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C03 - Pipe Location - Aboveground/Underground Combination
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id:	15903
Affiliation Type:	Owner
Company Name:	KAWOCAR REALTIES INC
Contact Type:	REGISTERED MANAGING AGENT
Contact Name:	EDMUND N. MILLER
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	10/17/2007

65 POST AVENUE (Continued) **S102672740**

Site Id:	15903
Affiliation Type:	Emergency Contact
Company Name:	KAWOCAR REALTIES INC
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFE INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15903
Affiliation Type:	Mail Contact
Company Name:	LEMLE & WOLFF, INC.
Contact Type:	Not reported
Contact Name:	W. EGAN
Address1:	5925 BROADWAY
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15903
Affiliation Type:	On-Site Operator
Company Name:	65 POST AVENUE
Contact Type:	Not reported
Contact Name:	LEMLE & WOLFF, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-334383
SWIS Code:	6201

65 POST AVENUE (Continued) **S102672740**

Operator:	LEMLE & WOLFF, INC.
Facility Phone:	(718) 884-7676
Facility Addr2:	65 POST AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	LEMLE & WOLFE INC
Emergency Tel:	(718) 884-7676
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	KAWOCAR REALTIES INC
Owner Address:	5925 BROADWAY
Owner City,St,Zip:	BRONX, NY 10463
Federal ID:	Not reported
Owner Tel:	(718) 884-7676
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	W. EGAN
Mailing Name:	LEMLE & WOLFF, INC.
Mailing Address:	5925 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BRONX, NY 10463
Mailing Telephone:	(718) 884-7676
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	12/21/1998
Expiration:	11/16/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	4000
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:	62
Town or City Code:	01
Region:	2
Tank ID:	019
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	4000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00

65 POST AVENUE (Continued) **S102672740**

Tank Containment:	None
Leak Detection:	00
Overfill Protection:	06
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

143
SSW
1/4-1/2
0.285 mi.
1505 ft.

204TH STREET AND ACADEMY
204TH ST / ACADEMY ST
MANHATTAN, NY

HIST LTANKS **S102671884**
NY Spills **N/A**

Relative:
Lower

Actual:
12 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9201422
Spill Date:	01/03/1992
Spill Time:	12:00
Spill Cause:	Tank Overfill
Resource Affectd:	Air
Water Affected:	Not reported
Spill Source:	Gas Station
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.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/05/92
Reported to Department Time:	15:15
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYC SCHOOL CONSTRUCTION
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 472-8307
Facility Extention:	Not reported
Spill Notifier:	Other

204TH STREET AND ACADEMY (Continued) **S102671884**

PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/06/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/16/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: TANK-PULLS FORMERLY DICK S DISCOUNT TIRE-AT SITE

NY Spills:
Site ID: 168469
Facility Addr2: Not reported
Facility ID: 9201422
Spill Number: 9201422
Facility Type: ER
SWIS: 3101
Investigator: rvketani
Referred To: Not reported
Spill Date: 1/3/1992
Reported to Dept: 5/5/1992
CID: Not reported
Spill Cause: Equipment Failure
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: Penalty Not Recommended
UST Trust: True

204TH STREET AND ACADEMY (Continued) **S102671884**

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.
Spill Closed Dt:	3/26/2008
Remediation Phase:	0
Date Entered In Computer:	5/6/1992
Spill Record Last Update:	3/27/2008
Spiller Name:	Not reported
Spiller Company:	NYC SCHOOL CONSTRUCTION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	141925
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL" 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel. Jacob Tambe- NYC School Construction can not locate property address. Base on their information the said address 204th street and Academy does not exist. This need more investigation from the regional office. Spill transferred back to R-2 3/5/08 - Austin - Assigned to Ketani for further investigation - end 3/14/08 - Raphael Ketani. I checked the file cabinet, but there was nothing in the drawer. The case involved a gas tank pull at the former Dick's Discount Tire at 204 Street and Academy Street in the very northern tip of Manhattan. The involved parties were Impact Environmental and the School Construction Authority. Academy Street and 204th Street run PARALLEL to each other. I contacted Tony Kloss of Impact Environmental at (908) 534-8820 and he said that this case predates Impact Environmental. However, he will look into the corporate files and see whether he can come up with anything. I contacted Lee Gutterman (718) 472-8502 of the SCA and asked her whether she had any information. She said she never heard of this site, but she will look into SCA's records and get back to me. Drew Pardus of the SCA (718) 752-5036/cell (646) 577-8280 called me to ask specific questions about the original spill. He was given the assignment of trying to find the SCA site that is present in the area. 3/25/08 - Raphael Ketani. Mr. Kloss sent me an e-mail today. He said that his company doesn't have any records regarding the site. I attempted to make a site visit. I drove up 204th Street, but there were no schools along this street. Next, I drove down Academy Street. The side streets between Academy and 204th did not have any schools on them, only prewar six story apartment buildings. However, there was an old school with a fairly recent addition at the corner of Academy and Broadway. Next to the school addition was a library. Both the school addition and the library looked like they were constructed of the same materials. To the south of the library was an active car wash. It is possible that the tire shop was on the site of the school addition and the library. I tried to look up the school I saw in the government pages of the Bronx phone book. However, there is nothing listed on Academy Street. It may be a parochial school. I called up Mr. Pardus of the SCA and asked him to investigate which school was on Academy and whether they had a spill issue in 1992. 3/26/08 - Raphael Ketani. I did a property search using GOOGLE and the ACRIS database. I found a couple of addresses through GOOGLE that fit the location of the corner of Academy Street and Broadway. They are 4805

204TH STREET AND ACADEMY (Continued) **S102671884**

Broadway and 4795 Broadway. The blocks is 2237 and the lots are 52, and 59, respectively. However, the ownership listings did not include Dicks Discount Tire. I haven't heard back from Mr. Pardus. At this point in time, I believe I have exhausted my resources for locating the spill site. Given the incomplete address, lack of information and the age of the spill (1992), I am closing the case. 3/27/08 - Raphael Ketani. Mr. Pardus called me back. He said that there may be 2 schools in the area. They are PS 52M and PS 176M. However, he isn't sure whether there ever was an oil spill at these locations, or whether they were affected by an oil spill. He will have to do some research and call me back.

Remarks: TANK-PULLS FORMERLY DICK'S DISCOUNT TIRE-AT SITE

Material:

Site ID:	168469
Operable Unit ID:	965396
Operable Unit:	01
Material ID:	412735
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

X144 **DYCKMAN** **LTANKS** **S102671659**
WSW **215 NAGLE AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.298 mi.
1574 ft. **Site 1 of 2 in cluster X**

Relative:
Lower

Actual:
16 ft.

LTANKS:

Site ID:	219045
Spill No:	9103098
Spill Date:	6/18/1991
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/7/1993
Facility Addr2:	Not reported
Cleanup Ceased:	7/7/1993

DYCKMAN (Continued) **S102671659**

Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	6/18/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/10/1991
Spill Record Last Update:	4/20/1994
Spiller Name:	Not reported
Spiller Company:	COASTAL OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	181170
DEC Memo:	Not reported
Remarks:	SPILLAGE ON SOIL, HOUSING PERSONNEL REMOVING CONTAMINATED SOIL.

Material:

Site ID:	219045
Operable Unit ID:	953906
Operable Unit:	01
Material ID:	425560
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	219045
Spill Tank Test:	1538680
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

Site ID:	219044

DYCKMAN (Continued) **S102671659**

Spill No:	9013037
Spill Date:	3/21/1991
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Spill Closed Dt:	3/27/1991
Facility Addr2:	Not reported
Cleanup Ceased:	3/27/1991
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	3/22/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/2/1991
Spill Record Last Update:	11/17/1994
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	181170
DEC Memo:	Not reported
Remarks:	NYCHA EMPLOYEE (FIREMAN) OPENED WRONG VALVE DURING FUEL DELIVERY,FUEL OVERFLOWED TO STREET,CONTAINED WITH SAND,NYCDEP NOTIFIED,SPILL CONTAINED WITH SPEEDY DRY BY NYCHA EMPLOYEES.

Material:

Site ID:	219044
Operable Unit ID:	952960
Operable Unit:	01
Material ID:	425939
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	219044
Spill Tank Test:	1538356
Tank Number:	Not reported

DYCKMAN (Continued) **S102671659**

Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 2
Spill Number: 9103098
Spill Date: 06/18/1991
Spill Time: 14:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/07/93
Cleanup Ceased: 07/07/93
Cleanup Meets Standard: True
Investigator: HEALY
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 06/18/91
Reported to Department Time: 14:15
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: COASTAL OIL
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 762-4200
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: 2-474843
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/10/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/20/94

DYCKMAN (Continued) **S102671659**

Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 30
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: SPILLAGE ON SOIL, HOUSING PERSONNEL REMOVING CONTAMINATED SOIL.

Region of Spill: 2
Spill Number: 9013037
Spill Date: 03/21/1991
Spill Time: 23:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 03/27/91
Cleanup Ceased: 03/27/91
Cleanup Meets Standard: True
Investigator: HEALY
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/22/91
Reported to Department Time: 08:30
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NYCHA
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, N.Y.
Spiller Cleanup Date: / /
Facility Contact: Not reported

DYCKMAN (Continued) **S102671659**

Facility Phone: (212) 306-3142
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: 2-474843
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/02/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/17/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 75
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: 03/22/91: CONTAMINATED MATERIAL TO BE PICKED UP DRUMMED,WINSTON CONSTRUCTIONTO COMPLETE CLEAN UP. 03/22/91: CONTAMINATED MATERIAL TO BE PICKED UP DRUMMED,WINSTON CONTRACTING TO COMPLETE CLEAN UP.
Spill Cause: NYCHA EMPLOYEE FIREMAN) OPENED WRONG VALVE DURING FUEL DELIVERY,FUEL OVERFLOWED TO STREET,CONTAINED WITH SAND,NYCDEP NOTIFIED,SPILL CONTAINED WITH SPEEDY DRY BY NYCHA EMPLOYEES.

X145 **DYCKMAN HOUSES** **LTANKS** **S101103139**
WSW **215 NAGLE AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BRONX, NY**
0.309 mi.
1632 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
15 ft.

LTANKS:
Site ID: 131908
Spill No: 9315476
Spill Date: 6/21/1993
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/24/2004

DYCKMAN HOUSES (Continued) **S101103139**

Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	3/30/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/5/1994
Spill Record Last Update:	3/7/2005
Spiller Name:	Not reported
Spiller Company:	NYCHA - JOE MONTELLA
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:	113643
DEC Memo:	Not reported
Remarks:	LEAK RATE OF -0.3 GPH. Closed - see 9409078. George Breen

Material:

Site ID:	131908
Operable Unit ID:	997527
Operable Unit:	01
Material ID:	387227
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	131908
Spill Tank Test:	1542582
Tank Number:	002
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

DYCKMAN HOUSES (Continued) **S101103139**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9315476
Spill Date:	06/21/1993
Spill Time:	13:23
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SACCACIO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	03/30/94
Reported to Department Time:	15:15
SWIS:	60
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCHA - JOE MONTELLA
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 306-3142
Facility Extention:	Not reported
Spill Notifier:	DEC
PBS Number:	2-474843
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/05/94
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	12/08/94
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	002
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00

DYCKMAN HOUSES (Continued) **S101103139**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: LEAK RATE OF -0.3 GPH.

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146 NNW 1/4-1/2 0.318 mi. 1679 ft. | **4960 BROADWAY 4960 BROADWAY MANHATTAN, NY** | **LTANKS HIST LTANKS** | **S106703770 N/A**

Relative: Higher

Actual: 39 ft.

LTANKS:
Site ID: 329319
Spill No: 9513703
Spill Date: 1/29/1996
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/14/2004
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 3101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 1/29/1996
CID: 15
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/29/1996
Spill Record Last Update: 10/14/2004
Spiller Name: JOHN HICKEY
Spiller Company: Not reported
Spiller Address: 4960 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: JOHN HICKEY
Spiller Phone: (212) 942-3145
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 265009

4960 BROADWAY (Continued) **S106703770**

DEC Memo: 10/14/2004 Sangesland reviewed a package of info submitted by James Georgiano, Property Manager for Sol Goldman Investments, LLC. Submittal included photo of the AST and the surrounding area showing no oil spills or stains. Spill closed

Remarks: CALLER BELIEVES LEAK IS AT POINT WHERE VENT GOES THROUGH TANK WALL. FEELS THERE IS LITTLE CHANCE OF CONTAMINATION. VENT LINE TO BE REPLACED AND TANK TO BE RE-TESTED.

Material:

Site ID:	329319
Operable Unit ID:	1028204
Operable Unit:	01
Material ID:	357414
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	329319
Spill Tank Test:	1544378
Tank Number:	1
Tank Size:	6000
Test Method:	14
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	VacuTest

HIST LTANKS:

Region of Spill:	2
Spill Number:	9513703
Spill Date:	01/29/1996
Spill Time:	09:45
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported

4960 BROADWAY (Continued) **S106703770**

Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/29/96
Reported to Department Time: 11:16
SWIS: 62
Spiller Contact: JOHN HICKEY
Spiller Phone: (212) 942-3145
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: 4960 BROADWAY
Spiller City,St,Zip: MANHATTAN, NY
Spiller Cleanup Date: / /
Facility Contact: JOHN HICKEY
Facility Phone: (212) 942-3145
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/29/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/05/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 6000
Test Method: Tankology [Vacutect]
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: CALLER BELIEVES LEAK IS AT POINT WHERE VENT GOES THROUGH TANK WALL. FEELS THERE IS LITTLE CHANCE OF CONTAMINATION. VENT LINE TO BE REPLACED AND TANK TO BE RE-TESTED.

Y147 WNW 1/4-1/2 0.320 mi. 1690 ft. | **85-87 VERMILIA ST/MANH**
85-87 VERMILIA STREET
NEW YORK CITY, NY

Site 1 of 2 in cluster Y

LTANKS | **S102671609**
HIST LTANKS | **N/A**

Relative: Equal

Actual: 19 ft.

LTANKS:

Site ID:	175132
Spill No:	9009853
Spill Date:	12/7/1990
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	12/11/1990
Facility Addr2:	Not reported
Cleanup Ceased:	12/11/1990
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	WILSON
Referred To:	Not reported
Reported to Dept:	12/11/1990
CID:	15
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/12/1990
Spill Record Last Update:	7/3/2006
Spiller Name:	Not reported
Spiller Company:	CASTLE OIL
Spiller Address:	290 LOCUST AVENUE
Spiller City,St,Zip:	BRONX, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	147255
DEC Memo:	Not reported
Remarks:	DELIVERY TO WRONG TANK (550GAL & 5K TANK), FUEL WENT INTO STREET & STORM DRAIN, VAC TRUCK & SPEEDY DRY WAS USED, FREE PRODUCT HANDLED BY A L EASTMOND.

Material:

Site ID:	175132
Operable Unit ID:	946873
Operable Unit:	01
Material ID:	430038
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

85-87 VERMILIA ST/MANH (Continued) **S102671609**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9009853
Spill Date:	12/07/1990
Spill Time:	16:00
Spill Cause:	Tank Overfill
Resource Affectd:	Surface Water
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Not reported
Spill Closed Dt:	12/11/90
Cleanup Ceased:	12/11/90
Cleanup Meets Standard:	True
Investigator:	WILSON
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/11/90
Reported to Department Time:	13:31
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	CASTLE OIL
Spiller Address:	290 LOCUST AVENUE
Spiller City,St,Zip:	BRONX, N.Y
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 823-8800
Facility Extention:	Not reported
Spill Notifier:	Local Agency
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

Date Region Sent Summary to Central Office: / /

85-87 VERMILIA ST/MANH (Continued) **S102671609**

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/12/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 400
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: 12/11/90: NYCFD, NYC HAZ MAT, NYCPD, CON ED FUEL CO RESPONDED, NYCDEP SUPERVISED CLEAN UP OF SPILL.
Spill Cause: DELIVERY TO WRONG TANK 550GAL 5K TANK), FUEL WENT INTO STREET STORM DRAIN, VAC TRUCK SPEEDY DRY WAS USED, FREE PRODUCT HANDLED BY A L EASTMOND.

Y148 **85-87 VERMILYEA AVE** **LTANKS** **S100560365**
WNW **85-87 VERMILYEA AVE** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.321 mi.
1695 ft. **Site 2 of 2 in cluster Y**

Relative:
Equal

Actual:
19 ft.

LTANKS:
Site ID: 68225
Spill No: 9303264
Spill Date: 6/11/1993
Spill Cause: Tank Failure
Spill Source: 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.
Spill Closed Dt: 6/11/1993
Facility Addr2: Not reported
Cleanup Ceased: 6/11/1993
Cleanup Meets Standard: True
SWIS: 3101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 6/11/1993
CID: 15
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported

85-87 VERMILYEA AVE (Continued) **S100560365**

Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/15/1993
Spill Record Last Update:	7/19/1993
Spiller Name:	Not reported
Spiller Company:	RAYMOND SUPERINTENDENT
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:	65028
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG."
Remarks:	THEY WANTED 200 GAL-DRIER DELIV. 5 GAL AND TANK OVERFIELLED-CREW WILL BE CLEANING UP - ABSORBENT- SPEEDI DRI - SPOKE TO THE SON OF THE BUILDING SUPER SAID THAT IT WAS ONLY A SMALL SPILL 5 GAL.

Material:

Site ID:	68225
Operable Unit ID:	981428
Operable Unit:	01
Material ID:	396849
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9303264
Spill Date:	06/11/1993
Spill Time:	13:30
Spill Cause:	Tank Failure
Resource Affectd:	On Land

85-87 VERMILYEA AVE (Continued) **S100560365**

Water Affected:	Not reported
Spill Source:	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.
Spill Closed Dt:	06/11/93
Cleanup Ceased:	06/11/93
Cleanup Meets Standard:	True
Investigator:	TANG.
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/11/93
Reported to Department Time:	13:45
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	RAYMOND SUPERINTENDENT
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 567-1429
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/15/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/19/93
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	7
Unkonwn Quantity Spilled:	False
Units:	Gallons

85-87 VERMILYEA AVE (Continued) **S100560365**

Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: THEY WANTED 200 GAL-DRIER DELIV. 5 GAL AND TANK OVERFIELLED-CREW WILL BE CLEANING UP - ABSORBENT- SPEEDI DRI - SPOKE TO THE SON OF THE BUILDING SUPER SAID THAT IT WAS ONLY A SMALL SPILL 5 GAL.

Z149 **GASETERIA** **LTANKS** **S105995120**
ESE **296 WEST FORDHAM ROAD** **N/A**
1/4-1/2 **BRONX, NY**
0.334 mi.
1762 ft. **Site 1 of 4 in cluster Z**

Relative:
Higher

Actual:
57 ft.

LTANKS:
Site ID: 280649
Spill No: 0230030
Spill Date: 2/7/2002
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/26/2007
Facility Addr2: Not reported
Cleanup Ceased: 10/31/2006
Cleanup Meets Standard: False
SWIS: 0301
Investigator: aaobliga
Referred To: Not reported
Reported to Dept: 2/7/2002
CID: 17
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 9/26/2002
Spill Record Last Update: 7/26/2007
Spiller Name: ROBERTO
Spiller Company: GASETERIA
Spiller Address: 364 MASPETH AVENUE
Spiller City,St,Zip: BROOKLYN, NY -
Spiller County: 001
Spiller Contact: ROBERTO
Spiller Phone: (718) 782-4200
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 196875
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" 12/5/03-Vought-See also closed Spill #8705665. 9/20/05 - oBLIGADO -Spill transferred from Vought to obligado 12/5/05 - Obligado - File review. Baseline Assessment Report, Delta, 10/3/02. At time of assessment site was an active Gaseteria with 3 4000 gallon

GASETERIA (Continued) **S105995120**

gasoline USTs and 1 4000 gallon diesel UST installed in 1989. Sensitiver receptor survey shows Harlem River located 375 ft west, no wells within 1 mile, Bronx Community college is located 375 ft to the southeast. 1 park 375 ft north. Commercial/residential buliding with basement 20 ft south. Ground water at 10 to 13 ft bgs and flows west. Soil is brown fine to coarse sand with gravel. Weathered rock from 7 to 11 ft bgs. Bedrock at between 2 and 11 ft. 4 soil borings advanced and 4 soil samples collected. Soil results show only one impact of 1720 ppb MTBE. 4 temporary ground water wells installed into bedrock. Ground Water results in ppb: (2/7/02) MW1 - 5.67 benzene, 33.2 toluene, 10.2 ethylbenzene, 158 xylenes, 876 MTBE, 207 BTEX, 1236 VOCs MW3 - 5.49 toluene, 11.5 xylenes, 20 BTEX, 436 MTBE, 478 VOCs MW4 - 2.52 benzene, 6.59 xylenes, 493 MTBE, 12 BTEX, 528 VOCs MW5 - 239 MTBE RCRA Mettals - MW1 - 1800 ppb chromium, 7040 ppb barium, 2160 ppb lead (8/7/05) MW1 - 37.3 benzene, 292 MTBE, 39 BTEX, 335 VOCs MW3 - 239 L benzene, 10.5 toluene, 6.77 ethlybenzene, 5730 MTBE, 6020 VOCs MW4 - 19 benzene, 749 MTBE, 19 BTEX, 768 VOCs MW5 - 208 L MTBE UST Closure Report, AGS, January 2004. USTs, piping, dispensers removed Dec 03. Soil endpoint samples show now VOCS above SCOs. Some PAH exceedences. Ground water sample from excavation show 350 ppb benzene, 1300 ppb toluene, 200 ppb ethylbenzene, 1430 ppb xylenes, 21000 ppb MTBE, 3280 BTEX. EXcavated soil was used as backfill. Conclusions: "the operation of this site as a gasoline service station has caused impact to the subsurface soils to warrant further environmental site assessment or action. Upon completion of rebuild activities, AGS on behalf of Gaseteria will prepare a subsurface investigation workplan for NYSDEC approval which will outline additional field activities to investigate and delineate the detected contaminants." UST Closure Report Addendum, AGS, September 2004. Remaining product supply piping under the concrete to the pump islands were removed to facilitate replacment with new BP piping. 5 soil samples were collected from 4-6 inches below the trench bottom. 1 sample was collected from under each of the four removed pump islands and 1 sample from adjacent to the Kiosk. Soil Results in PPB: P3 piping - 3680 xylene P4 piping - 2100 toluene, 300000 xylene, TOTAL VOCs : 977110 P5 piping - 50000 toluene, 91000 ethylbenzene, 318000 xylenes, TOTAL VOCs : 1247000 "The data set indicates very high VOCs; however, the lack of benzene and low MTBE relative to overall concentration is not typical of gasoline. The elevated level of napthalene may indicate diesel fuel; however, no corresponding SVOC's were detected". "Upon completion of the rebuillding activities AGS will prepare a Subsurface Investigation Work Plan". 6/2/06 - Obligado - Reviewed subsurface investigation workplan. Proposes 4 monitoring wells to be installed into bedrock. 6/6/06 - Obligado - Sent email to Steve Muller approving workplan with minor adjustments to boring locations. Due date for summary report is 8/8/06. 7/19/06 - Obligado - Meeting with Gaseteria, ASR, DEC on 7/19/06. Wells have been installed at the site. Gaseteria will submit a schedule for submission of work. 9/12/06 - Obligado - Emailed multi-site stipulation agreement to Gaseteria on 9/8/06. Sent original on 9/12/06. Due date for ISR according to DEC approved Corrective Action schedule is 11/1/*06. 10/31/06 - Obligado - Multi Site Stipulation executed by Oliva on 10/31/06 12/6/06 - Obligado - Review ISR, submitted by ASR, dated 10/31/06. 3 monitoring wells installed. MW1 was to turbid for sampling. MW2 and MW3 were both nondetect. Recommended 2 additional monitoring wells. I sent an email to Steve Muller requiring Supplemental Investigation Workplan for additional

GASETERIA (Continued) **S105995120**

monitoring wells and MW1 redevelopment submission by 1/6/07. 2/7/07 - Obligado - Review SIWP. Proposes 2 additional wells in the sidwalk west of the site and redevelopment of MW1. Approve of workplan with modification to attempt to collect soil samples via HSA and split spoons prior to switching to air rotary. 3/7/07 - Obligado - Sent sidewalk opening letter to Steve Muller. 6/1/07 - Obligado - Received ISR via email. 7/27/07 - Obligado - Final summary report submitted. 2 additional wells were installed west of down gradient of tankfield. During installation, 1 soil sample was collected for lab analysis, no VOCs detected in this sample. Ground water samples were collected. MW1 thorugh MW3 were all ND, MW4 and M5 had minor exceedences of TOGS. MW4 had 65 ppb total BTEX, MW5 had 42 total BTEX. The report requested closure due to low numbers. I had a meeting with JOe Sun to discuss this site. Agree to spill closure based on the following. 1) Relatively low concentrations, exceedences of TOGS for only 3-4 compounds in two wells. GW concentrations are significantly lower down those found in Delta baseline assessment, suggesting natural attenduation is occurring 2) No receptors immediately down gradient, immediately down gradient of the site is a major deegan expressway which is an 8 lane highway (including service roads). Downgradient of the highway, according to the ASR report are industrial/commercial buildings. 3) Sensitive receptor survey was previously completed by DElta in 2002. According to this survey, no potable wells within 1 mile. Nearest surface water body is harlem river, 375 ft west of the site. However, due to small size and very low concentrations of contamination in gw, plume eminating from this site most likely will not reach or impact this river. There is a residential building with basement to the south, however, southern most well MW1 was ND so plume does not pose a risk in this dieection. The Data from this site do not indicate potential adverse impacts to human health and the environment. This spill is closed. I emailed an NFA letter to Gaseteria.

Remarks: contaminated soil and groundwater found. Delta reported spill to DEC despite Gaseteria knowledge as of 8/5/2002.

Material:

Site ID:	280649
Operable Unit ID:	866812
Operable Unit:	01
Material ID:	509671
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported

GASETERIA (Continued) **S105995120**

Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Z150 ESE 1/4-1/2 0.334 mi. 1762 ft. | **MOBIL S/S** | **LTANKS** | **S100144713**
296 WEST FORDHAM ROAD. | **HIST LTANKS** | **N/A**
BRONX, NY

Site 2 of 4 in cluster Z

Relative: Higher

Actual: 57 ft.

LTANKS:

Site ID:	276740
Spill No:	8701260
Spill Date:	5/14/1987
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/9/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	5/14/1987
CID:	17
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/19/1987
Spill Record Last Update:	7/1/2004
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL CORPORATION
Spiller Address:	3025 GALLOS ROAD
Spiller City,St,Zip:	FAIRFAX, VA
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	224989
DEC Memo:	Not reported
Remarks:	PRODUCT PUMPED OUT OF TANK. FURTHER INVESTMENT TO BE DONE BY MOBIL.

Material:

Site ID:	276740
Operable Unit ID:	905735
Operable Unit:	01
Material ID:	471207
Material Code:	0009

MOBIL S/S (Continued) **S100144713**

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:	276740
Spill Tank Test:	1530824
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	8701260
Spill Date:	05/14/1987
Spill Time:	16:20
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Unknown
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/09/98
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/14/87
Reported to Department Time:	16:48
SWIS:	60
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	EXXONMOBIL CORP
Spiller Address:	3025 GALLOS ROAD
Spiller City,St,Zip:	FAIR FAX, VIRGINIA, VA
Spiller Cleanup Date:	/ /
Facility Contact:	MIKE MEOLA

MOBIL S/S (Continued) **S100144713**

Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: 2-156434
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/19/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/30/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 2/9/98: REFER TO 8701258 BATTISTA / CLOSED) AND 8705665 SULLIVAN / ACTIVE). SMM. REASSIGNED FROM BATTISTA TO SIGONA ON 10/30/00.
Spill Cause: PRODUCT PUMPED OUT OF TANK. FURTHER INVESTMENT TO BE DONE BY MOBIL.

Z151 **MOBIL S/S** **LTANKS** **S100144828**
ESE **296 WEST FORDHAM ROAD** **HIST LTANKS** **N/A**
1/4-1/2 **BRONX, NY**
0.334 mi.
1762 ft. **Site 3 of 4 in cluster Z**

Relative:
Higher

Actual:
57 ft.

LTANKS:
Site ID: 239367
Spill No: 8705665
Spill Date: 10/5/1987
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/5/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False

MOBIL S/S (Continued) **S100144828**

SWIS:	0301
Investigator:	DXSMITH
Referred To:	Not reported
Reported to Dept:	10/6/1987
CID:	17
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/20/1987
Spill Record Last Update:	6/28/2005
Spiller Name:	MIKE MEOLA
Spiller Company:	EXXONMOBIL CORPORATION
Spiller Address:	464 DOUGHTY BLVD.
Spiller City,St,Zip:	INWOOD, NY 11096
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196875
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" reassigned from Sullivan to Sigona on 10/30/00. 12/5/03-Vought-Reassigned from Sigona to Vought on 12/5/03. Spill closed by Vought due to open spill 0230030 at same location. Bureau B, unassigned, due to low priority. Transferred from R-2 on April 27, 2005. Formerly R-2, unassigned
Remarks:	TANK FAILURE- UNKNOWN FUEL OIL, TANK IS EMPTY, WILL BE REMOVED TODAY.

Material:

Site ID:	239367
Operable Unit ID:	909485
Operable Unit:	01
Material ID:	468249
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

MOBIL S/S (Continued) **S100144828**

Test Method: Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	8705665
Spill Date:	10/05/1987
Spill Time:	16:00
Spill Cause:	Tank Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/06/87
Reported to Department Time:	08:10
SWIS:	60
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	EXXONMOBIL CORP.
Spiller Address:	464 DOUGHTY BLVD.
Spiller City,St,Zip:	INWOOD, NY 11096-
Spiller Cleanup Date:	/ /
Facility Contact:	MIKE MEOLA
Facility Phone:	(516) 371-0964
Facility Extention:	Not reported
Spill Notifier:	Citizen
PBS Number:	2-156434
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/20/87
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	11/07/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported

MOBIL S/S (Continued) **S100144828**

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: reassigned from Sullivan to Sigona on 10/30/00
Spill Cause: TANK FAILURE- UNKNOWN FUEL OIL, TANK IS EMPTY, WILL BE REMOVED TODAY.

AA152 **BROADWAY** **LTANKS** **S103823998**
NW **207 TH ST** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.337 mi.
1782 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
44 ft.

LTANKS:
Site ID: 206805
Spill No: 9812706
Spill Date: 1/15/1999
Spill Cause: Tank Failure
Spill Source: Commercial Vehicle
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/12/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1/15/1999
CID: 211
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/15/1999
Spill Record Last Update: 11/12/2003
Spiller Name: Not reported
Spiller Company: NEW YORK TRANSIT AUTH
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: SANJIV KURAY
Spiller Phone: (718) 243-4581

BROADWAY (Continued) **S103823998**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	171679
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" 3-3-03: Closed Due To The Nature / Extent Of The Spill Report.Transfered From Tomasello To Tibbe On 11/12/03.Spill From A Ruptured Tank On A Bus. Small Amount Entered Sewer. Dep Notified. Contained And Cleaned By Nyct.
Remarks:	fuel tank ruptured on bus - fire dept on scene - spill contained with pads

Material:

Site ID:	206805
Operable Unit ID:	1073164
Operable Unit:	01
Material ID:	312989
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9812706
Spill Date:	01/15/1999
Spill Time:	10:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported

BROADWAY (Continued) **S103823998**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/15/99
Reported to Department Time: 11:20
SWIS: 62
Spiller Contact: SANJIV KURAY
Spiller Phone: (718) 243-4581
Spiller Extention: Not reported
Spiller Name: NEW YORK TRANSIT AUTH
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/15/99
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/21/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: fuel tank ruptured on bus - fire dept on scene - spill contained with pads

AB153 **GETTY PETROLEUM CORP** **RCRA-NonGen** **1001113455**
NW **4880 BROADWAY & 204TH ST** **FINDS** **NYR000024455**
1/4-1/2 **NEW YORK, NY 10034** **HIST LTANKS**
0.362 mi. **MANIFEST**
1911 ft. **Site 1 of 6 in cluster AB** **NY Spills**

Relative:
Higher

Actual:
39 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	GETTY PETROLEUM CORP
Facility address:	4880 BROADWAY & 204TH ST NEW YORK, NY 10034
EPA ID:	NYR000024455
Mailing address:	JERICHO TNPK JERICHO, NY 11753
Contact:	Not reported
Contact address:	JERICHO TNPK JERICHO, NY 11753
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:	GETTY PETROLEUM CORP
Owner/operator address:	125 JERICHO TNPK JERICHO, NY 11753
Owner/operator country:	US
Owner/operator telephone:	(516) 286-2600
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GETTY PETROLEUM CORP
Owner/operator address:	125 JERICHO TNPK JERICHO, NY 11753
Owner/operator country:	US
Owner/operator telephone:	(516) 286-2600
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler accessibilty indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

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

GETTY PETROLEUM CORP (Continued) **1001113455**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: GETTY PETROLEUM CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: GETTY PETROLEUM CORP
Classification: Not a generator, verified

Date form received by agency: 05/24/1996
Facility name: GETTY PETROLEUM CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008095015

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.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9601093
Spill Date: 04/22/1996
Spill Time: 13:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported

GETTY PETROLEUM CORP (Continued) **1001113455**

Reported to Department Date: 04/22/96
Reported to Department Time: 15:53
SWIS: 62
Spiller Contact: LOUIS OCHOTORENA
Spiller Phone: (718) 729-6500
Spiller Extention: Not reported
Spiller Name: GETTY
Spiller Address: 4880 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller Cleanup Date: / /
Facility Contact: LOUIS OCHOTORENA
Facility Phone: (718) 729-6500
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/22/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/06/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: contaminated soil found during tank removal

NY MANIFEST:
EPA ID: NYR000024455
Country: USA
Mailing Name: GETTY PETROLEUM
Mailing Contact: DALE HOLDEN
Mailing Address: 125 JERICHO TURNPIKE
Mailing Address 2: Not reported

GETTY PETROLEUM CORP (Continued) **1001113455**

Mailing City:	JERICHO
Mailing State:	NY
Mailing Zip:	11753
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-286-2600

Document ID:	PAE5992873
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PAAH2676
Trans2 State ID:	Not reported
Generator Ship Date:	960611
Trans1 Recv Date:	960611
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960614
Part A Recv Date:	960627
Part B Recv Date:	960710
Generator EPA ID:	NYR000024455
Trans1 EPA ID:	PAD982661381
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00330
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

NY Spills:

Site ID:	104421
Facility Addr2:	Not reported
Facility ID:	9601093
Spill Number:	9601093
Facility Type:	ER
SWIS:	3101
Investigator:	rjfeng
Referred To:	Not reported
Spill Date:	4/22/1996
Reported to Dept:	4/22/1996
CID:	15
Spill Cause:	Unknown
Water Affected:	Not reported

GETTY PETROLEUM CORP (Continued) **1001113455**

Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	True
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not Closed
Remediation Phase:	1
Date Entered In Computer:	4/22/1996
Spill Record Last Update:	1/28/2010
Spiller Name:	LOUIS OCHOTORENA
Spiller Company:	GETTY
Spiller Address:	4880 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	LOUIS OCHOTORENA
Contact Phone:	(718) 729-6500
DEC Region:	2
DER Facility ID:	92249
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" 3/13/03 REASSIGNED FROM ROMMEL TO VOUGHT. 08/31/2005 - Feng - Project transferred from Vought to Feng. 10/21/2005 - Feng - high gw contamination found on 4/24/2002 as 18,255ppb BTEX in W-1. Tyree proposed BioRemediation on 9/24/2002. No remedial activities on site, keeping monitoring. 10/21/2005 - Feng - Quarterly Monitoring Report, by Tyree, 2/2005 - 4/2005. 3 monitoring wells on site. W-1 which near the existing tank field (3 X 4K) has found 2,782ppb BTEX. Historical data shows that the concentration of BTEX in W-1 was initial decreased, and then fluctuating on the curve and remains, no trend of decreasing. 11/2/2005 - Feng - Quarterly Monitoring Report, by Tyree, 8/2005 - 10/2005. 3 monitoring wells on site. W-1 which near the existing tank field (3 X 4K) has found 1,505ppb BTEX. Historical data shows that the concentration of BTEX in W-1 was initial decreased, and then fluctuating on the curve and remains, no trend of decreasing. 2/27/2006 - Feng - Quarterly Monitoring Report, 11/2005 - 1/2006. the site is an active Getty gasoline retail station. Groundwater flows to east at the depth of 18.81' and 26.46' bg. 3 moniotoring wells onsite. W-1, decreased and 825 ppb BTEX, 5 ppb MTBE. W-2, 22 ppb BTEX and MTBE MDL. W-3, 1 ppb BTEX, 4 ppb MTBE. (RJF) 8/1/2008 - Project reassigned to Feng. 9/4/2008 - Getty Properties portfolio meeting with Tyree and Delta. Need to locate the former tanks. DEC will review the petition closure report. (RJF) 1/6/2009 - Getty Properties portfolio meeting with Tyree and Delta. Extension for closure petition to 1/2009. (RJF) 3/18/2009 - Quarterly Monitoring Report, 5/2008 - 7/2008, 8/2008, by Tyree. Active Getty gasoline retail station. Groundwater was gauged and sampled 7/17/2008. 3 monitoring wells. NO LNAPL. DTW 20.17' to 29.57' bg. Flows to east. BTEX range ND to 583 ppb (W-1). MTBE range ND to 43 ppb (W-1). (RJF) 5/1/2009 - Quarterly Monitoring Report, 8/2008 - 10/2008, 11/2008, by Tyree. Active Getty gasoline retail station. Groundwater was gauged and sampled 10/16/2008. 3 monitoring wells. NO LNApL. DTW 20.03' to 29.52' bg. Flows to east. BTEX range ND to 448 ppb (W-1). MTBE range ND to 37 ppb (W-1). (RJF) 11/6/2009 - 2Q2009, 4/2009-6/2009, 7/2009, pdf, by Tyree. Active Getty gasoline retail

GETTY PETROLEUM CORP (Continued) **1001113455**

station. 3 monitoring wells. The wells were gauged on 4/23/2009, 5/27/2009, 6/29/2009 and 7/8/2009. Groundwater was sampled 7/8/2009. NO LNAPL. DTW 20.12' to 29.16' bg. Flows to east. BTEX range ND to 561 ppb (W-1). MTBE range ND to 27 ppb (W-1). (RJF) 12/4/2009 - Subsurface Investigation Report, dated 10/2006, resubmitted by Tyree. On September 25, 2006, 2 soil borings were advanced to the depth of 20 feet bgs using Direct push. Refusal was encountered with bedrock. No PID reading. 2 soil samples were taken. B-1 (16-20') and B-2 (16-20'), no exceedances. No groundwater was encountered during this investigation. (RJF) 1/28/2010 - Reviewed Request for NO Further Action, dated July 13, 2009, by Tyree. Comments were sent to Jennifer Kotch (Tyree). Reviewed also the Exposure Assessment Report. The concrete casing which used to encased the tanks were left in place as stated in the EA report and high endpoint samples were detected. DEC required a work plan to delineate the tank field area by 2/2010. (RJF)
Not reported

Remarks: contaminated soil found during tank removal

Material:

Site ID:	104421
Operable Unit ID:	1028748
Operable Unit:	01
Material ID:	561213
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AA154 **THE DERMOT COMPANY** **LTANKS** **S109064287**
NW **623-631 WEST 207TH ST** **N/A**
1/4-1/2 **NEW YORK, NY**
0.363 mi.
1918 ft. **Site 2 of 2 in cluster AA**

Relative:
Higher

Actual:
48 ft.

LTANKS:

Site ID:	396841
Spill No:	0800990
Spill Date:	4/24/2008
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial

THE DERMOT COMPANY (Continued) **S109064287**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/13/2009
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	4/24/2008
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/24/2008
Spill Record Last Update:	2/13/2009
Spiller Name:	CARMEN SANTIAGO
Spiller Company:	APART
Spiller Address:	623-631 WEST 207TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	CARMEN SANTIAGO
Spiller Phone:	(646) 673-6714
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	346312
DEC Memo:	5/2/08 bf: Sent ttf letter to: Carmen Santiago 623-631 West 207th Street Investor, Inc. c/o The Dermot Company 1775 Broadway, Suite 510 New York, NY 10019 2/13/09 Received letter on 2/12/09 from Steve braun of approved Oil. Tank is AST. Manhole cover was regasketed and re-piped section of aboveground fill line weithin the tank room where a minor leak was found. Less than 5 gallons of oil was on concrete floor and cleaned with absorbent. NFA. bf
Remarks:	DRY LEAK

Material:

Site ID:	396841
Operable Unit ID:	1153810
Operable Unit:	01
Material ID:	2144582
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	396841
Spill Tank Test:	2453592

THE DERMOT COMPANY (Continued) **S109064287**

Tank Number:	Not reported
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/24/2008
Test Method:	Horner EZ Check I or II

AB155 **GETTY - MAN** **LTANKS** **S100145900**
NW **4880 BROADWAY** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.364 mi.
1922 ft. **Site 2 of 6 in cluster AB**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Site ID:	104419
Spill No:	8911776
Spill Date:	3/13/1990
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/29/1994
Facility Addr2:	Not reported
Cleanup Ceased:	7/29/1994
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	3/13/1990
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/15/1990
Spill Record Last Update:	8/1/1994
Spiller Name:	TOM DIXON(CONTACT)
Spiller Company:	SAME
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:	277512
DEC Memo:	Not reported
Remarks:	FOUR 550 GAL TKS FAIL AIR PRESSURE @ UNREADABLE - NYFD ON SCENE - E & I & R.

Material:

Site ID:	104419

GETTY - MAN (Continued) **S100145900**

Operable Unit ID:	937601
Operable Unit:	01
Material ID:	441281
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	104419
Spill Tank Test:	1536854
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	8911776
Spill Date:	03/13/1990
Spill Time:	16:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/29/94
Cleanup Ceased:	07/29/94
Cleanup Meets Standard:	True
Investigator:	SULLIVAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	03/13/90
Reported to Department Time:	17:00
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	SAME

GETTY - MAN (Continued) **S100145900**

Spiller Address: Not reported
Spiller City,St,Zip: LOUIE OCHOTORENA
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 729-6500
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-151297
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/15/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/01/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/01/94: SEE EPS LETTER 7/29/94 LATEST PRECISION RESULTS GIVEN TO PBS UNIT.
Spill Cause: FOUR 550 GAL TKS FAIL AIR PRESSURE @ UNREADABLE - NYFD ON SCENE - E I R.

AB156 **4880 BROADWAY/MANH/GETTY** **LTANKS** **S100167905**
NW **4880 BROADWAY** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.364 mi.
1922 ft. **Site 3 of 6 in cluster AB**

Relative:
Higher

Actual:
39 ft.

LTANKS:
Site ID: 104420
Spill No: 9002535
Spill Date: 6/4/1990
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/16/1992

4880 BROADWAY/MANH/GETTY (Continued) **S100167905**

Facility Addr2:	Not reported
Cleanup Ceased:	7/16/1992
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	6/5/1990
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	6/13/1990
Spill Record Last Update:	7/28/1992
Spiller Name:	Not reported
Spiller Company:	GETTY
Spiller Address:	30-20 GREENPOINT AVE.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	282486
DEC Memo:	Not reported
Remarks:	550K TANK FAILED VAC-U-TECH TEST, COMPANY TO FIX TANK.

Material:

Site ID:	104420
Operable Unit ID:	942391
Operable Unit:	01
Material ID:	437276
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	104420
Spill Tank Test:	1537152
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

4880 BROADWAY/MANH/GETTY (Continued) **S100167905**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9002535
Spill Date:	06/04/1990
Spill Time:	18:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/16/92
Cleanup Ceased:	07/16/92
Cleanup Meets Standard:	True
Investigator:	SULLIVAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/05/90
Reported to Department Time:	11:15
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	GETTY
Spiller Address:	30-20 GREENPOINT AVE.
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 729-6500
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/13/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/28/92
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00

4880 BROADWAY/MANH/GETTY (Continued) **S100167905**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 550K TANK FAILED VAC-U-TECH TEST, COMPANY TO FIX TANK.

AC157
East
1/4-1/2
0.374 mi.
1974 ft.

Relative:
Higher

Actual:
33 ft.

CON EDISON - KINGSBRIDGE STATION MGP **Manufactured Gas Plants** **1008407870**
BLOCK 3236, LOT 25 AND BLOCK 3236 LOT 45 **N/A**
BRONX, NY 10468

Site 1 of 2 in cluster AC

Z158
ESE
1/4-1/2
0.380 mi.
2006 ft.

Relative:
Higher

Actual:
87 ft.

2269 HAMPDEN PLACE **LTANKS** **S105998602**
2269 HAMPDEN PLACE **N/A**
BRONX, NY

Site 4 of 4 in cluster Z

LTANKS:
Site ID: 242309
Spill No: 0300149
Spill Date: 4/4/2003
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.
Spill Closed Dt: 4/4/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 4/4/2003
CID: 17
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 4/4/2003
Spill Record Last Update: 4/4/2003

2269 HAMPDEN PLACE (Continued) **S105998602**

Spiller Name:	Not reported
Spiller Company:	AMERADA HESS
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	EMILIANA CABRERA
Spiller Phone:	(212) 543-2515
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	199116
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" DEC Sigona contacted Hess at 12:15 left message for Raymond Soja requesting call back at 718-482-4651. Contacted Ms. Cabrera who said oil spilled into basement causing odors in the building. No response by oil company as of 12:15 PM. DEC Vought to perform field response. 4/4/2003-Vought-Site visit by Vought. Spill came out of vent pipe and also out of top of tank manway onto tank room floor. Spill is #4 fuel oil from 5000 gallon AST. Spill entered sump pit. Vought notiified NYDEP (DEP#600189). Delivery company was T&S Trucking. Eastmond & Sons will be performing cleanup (powerwash sidewalk, basement, and sump pit).Tank room foor and walls sealed with epoxy with no pathways (cracks) to subsurface. Spill closed by Vought.
Remarks:	Caller states customer overordered - clean up company enroute at this time - all materal spilled to ground - no sewers

Material:

Site ID:	242309
Operable Unit ID:	868462
Operable Unit:	01
Material ID:	508227
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AD159 **GOOD SHEPARD SCHOOL** **LTANKS** **S102662625**
NNW **608 ISHAM ST** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.381 mi.
2013 ft. **Site 1 of 4 in cluster AD**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	214493
Spill No:	9515733
Spill Date:	3/7/1996
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/31/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	3/7/1996
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/7/1996
Spill Record Last Update:	8/7/1997
Spiller Name:	JIM CAREY
Spiller Company:	CASTLE OIL CORPORATION
Spiller Address:	290 LOCUST AVENUE
Spiller City,St,Zip:	BRONX, NY 10454-
Spiller County:	001
Spiller Contact:	MANUEL
Spiller Phone:	(212) 567-1300
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	177720
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG" AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED A LONG TIME AGO, AND THE REMARKS INDICATING NO LONG-TERM FOLLOW-UP AS BEING NEEDED; I HAVE DECIDED TO CLOSE THIS SPILL.
Remarks:	driver error - driver cleaned it up

Material:

Site ID:	214493
Operable Unit ID:	1026775
Operable Unit:	01
Material ID:	355852
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5

GOOD SHEPARD SCHOOL (Continued) **S102662625**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9515733
Spill Date: 03/07/1996
Spill Time: 16:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/31/97
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TANG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/07/96
Reported to Department Time: 17:02
SWIS: 62
Spiller Contact: MANUEL
Spiller Phone: (212) 567-1300
Spiller Extention: Not reported
Spiller Name: CASTLE OIL CORPORATION
Spiller Address: 290 LOCUST AVENUE
Spiller City,St,Zip: BRONX, NY 10454-
Spiller Cleanup Date: / /
Facility Contact: JIM CAREY
Facility Phone: (718) 579-3414
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

GOOD SHEPARD SCHOOL (Continued) **S102662625**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/07/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/07/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED A LONG TIME AGO, AND THE REMARKS INDICATING NO LONG-TERM FOLLOW-UP AS BEING NEEDED; I HAVE DECIDED TO CLOSE THIS SPILL.
Spill Cause: driver error - driver cleaned it up

AD160 **608 ISHAM STREET** **LTANKS** **S105996570**
NNW **608 ISHAM STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.381 mi.
2013 ft. **Site 2 of 4 in cluster AD**

Relative:
Higher

Actual:
50 ft.

LTANKS:
Site ID: 268693
Spill No: 0205346
Spill Date: 8/21/2002
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/9/2004
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: CESAWYER
Referred To: Not reported
Reported to Dept: 8/21/2002
CID: 15

608 ISHAM STREET (Continued) **S105996570**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/21/2002
Spill Record Last Update:	11/9/2004
Spiller Name:	FATHER DESILVA
Spiller Company:	608 ISHAM STREET
Spiller Address:	608 ISHAM STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	PHILLIP FAZIN
Spiller Phone:	(516) 939-2959
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	267535
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER" 1/6/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 11/9/04 - Sawyer - Received information from PTC indicating that the 5000 gallon tank on this proprty was repaired and subsequently passed a tank test on 1/15/03. There were no releases encountered during the repair. No further action required. Closed.
Remarks:	CHURCH AT LOCATION

Material:

Site ID:	268693
Operable Unit ID:	858032
Operable Unit:	01
Material ID:	519544
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	268693
Spill Tank Test:	1527393
Tank Number:	2
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

AD161 **608 ISHAM STREET** **LTANKS** **S105996573**
NNW **608 ISHAM STREET** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.381 mi.
2013 ft. **Site 3 of 4 in cluster AD**

Relative:
Higher

Actual:
50 ft.

LTANKS:

Site ID:	268694
Spill No:	0205348
Spill Date:	8/21/2002
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.
Spill Closed Dt:	12/22/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	8/21/2002
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/21/2002
Spill Record Last Update:	12/22/2004
Spiller Name:	FATHER DESILVA
Spiller Company:	608 ISHAM STREET
Spiller Address:	608 ISHAM STREET
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	PHILLIP FAZIN
Spiller Phone:	(516) 939-2959
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	267535
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" 8/21/2002-VOUGHT-Duplicate spill report. See spill #0205346. This spill closed by Vought. 11/9/04 - Sawyer - Reopened this TTF is for 3000 gallon tank 0205346 was for a 5000 that was repaired and retested tight. The Department will try to get tank closure information. 12/22/04 - Sawyer - Received information from Sharima Ryan of RND Sevices for abandonment and subsequent paperwork that was sent to PBS department to update registration. No further action required. Closed.
Remarks:	CHURCH AT LOCATION

Material:

Site ID:	268694
Operable Unit ID:	858034
Operable Unit:	01
Material ID:	519546
Material Code:	0001
Material Name:	#2 Fuel Oil

608 ISHAM STREET (Continued) **S105996573**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	268694
Spill Tank Test:	1527394
Tank Number:	3
Tank Size:	3000
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

AB162 **4848 BROADWAY** **LTANKS** **U003385478**
WNW **4848 BROADWAY** **AST** **N/A**
1/4-1/2 **NEW YORK, NY 10034** **HIST AST**
0.386 mi.
2038 ft. **Site 4 of 6 in cluster AB**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	396990
Spill No:	0801120
Spill Date:	4/28/2008
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.
Spill Closed Dt:	1/15/2009
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	4/28/2008
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/28/2008
Spill Record Last Update:	1/15/2009
Spiller Name:	CARMEN SANTIAGO
Spiller Company:	Not reported
Spiller Address:	4848 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001

4848 BROADWAY (Continued) **U003385478**

Spiller Contact: CARMEN SANTIAGO
Spiller Phone: (646) 673-6714
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 346447
DEC Memo: 5/2/08 Sent ttf letter to: Carmen Santiago The Dermot Company 1775 Broadway, Suite 510 New York, NY 10019 1/15/09. J.Krimgold reviewed the letter-report submitted by Approved Oil Company of Brooklyn and dated 12/13/08. According to this letter, the tank is aboveground and was tested to to satisfy private requirements. The cause of the failure was a suction line which was at some time back temporarily replaced by cooper tubing leaving a gap in the tank topping. After replacing cooper tubing with permanent pipe the tank system was retested and passed. NFA. J.K.
Remarks: DRY LEAK

Material:
Site ID: 396990
Operable Unit ID: 1153954
Operable Unit: 01
Material ID: 2144735
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 396990
Spill Tank Test: 2453608
Tank Number: Not reported
Tank Size: 2500
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 4/28/2008
Test Method: Unknown

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-109525
Program Type: PBS
UTM X: 590704.10115
UTM Y: 4524520.2372599998
Expiration Date: 2012/04/24

Tank Number: 001
Tank Id: 7838

4848 BROADWAY (Continued) **U003385478**

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	1/15/1985
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:	9/18/2008

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id:	3301
Affiliation Type:	On-Site Operator
Company Name:	4848 BROADWAY
Contact Type:	Not reported
Contact Name:	HIPOLITO DURAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 852-3360
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Site Id:	3301
Affiliation Type:	Emergency Contact
Company Name:	4848 BROADWAY INVESTOR, LLC
Contact Type:	Not reported
Contact Name:	DOMINIQUE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

4848 BROADWAY (Continued) **U003385478**

Country Code:	999
Phone:	(646) 235-5655
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Site Id:	3301
Affiliation Type:	Owner
Company Name:	4848 BROADWAY INVESTOR, LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1775 BROADWAY , SUITE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

Site Id:	3301
Affiliation Type:	Mail Contact
Company Name:	C/O THE DERMOT REALTY MGT CO. INC.
Contact Type:	Not reported
Contact Name:	4848 BROADWAY INVESTOR, LLC
Address1:	1775 BROADWAY , SUITE 510
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 488-1770
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	9/18/2008

HIST AST:

PBS Number:	2-109525
SWIS Code:	6201
Operator:	HIPOLITO DURAN
Facility Phone:	(212) 304-2591
Facility Addr2:	4848 BROADWAY
Facility Type:	APARTMENT BUILDING
Emergency:	VICTOR GORODISCHER
Emergency Tel:	(212) 567-2841
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported

4848 BROADWAY (Continued) **U003385478**

Owner Name:	ABIEL ASSOC
Owner Address:	P O BOX 212 FORT GEORGE STATIO
Owner City,St,Zip:	NEW YORK, NY 10040
Federal ID:	Not reported
Owner Tel:	(212) 567-2841
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	MR. VICTOR GORODISCHER
Mailing Name:	ABIEL ASSOCIATES
Mailing Address:	4500 BROADWAY, APT. 3-C
Mailing Address 2:	P.O. BOX 212 FORT GEORGE STATION
Mailing City,St,Zip:	NEW YORK, NY 10040
Mailing Telephone:	(212) 567-2841
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/30/1999
Expiration:	08/28/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3000
Product Stored:	NOS 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
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

4848 BROADWAY (Continued) **U003385478**

Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

AB163 **RESIDENTIAL APT COMPLEX** **LTANKS** **S102399243**
WNW **4861 BROADWAY** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.387 mi.
2042 ft. **Site 5 of 6 in cluster AB**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	220446
Spill No:	9607064
Spill Date:	9/1/1996
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/26/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	9/4/1996
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/4/1996
Spill Record Last Update:	4/26/2004
Spiller Name:	JOHN AMINSAO
Spiller Company:	RESIDENTIAL APT COMPLEX
Spiller Address:	4861 BROADWAY
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	182341
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 3/5/2004 Spill switched from Mulqueen to Sangesland Sangesland spoke to Mark at PTC about closing out the spill. The building now has a new owner and there are no records of the cleanup from 1996. At that time there was a 7,500 gal tank which leaked. This tank was removed and a new 9,000 gal AST tank was built in this room. To close out this spill number, PTC was directed to drill several soil borings in the floor to look for contamination. If these borings are clean, then PTC will put together a report with results along with photos and a request for closure. 3/16/2004 Ray (PTC) asked if contamination was found in the borings would a new spill number be required? Sangesland said no just an update to this old spill number would be required. 4/26/2004 Sangesland reviewed a soil sampling

RESIDENTIAL APT COMPLEX (Continued) **S102399243**

report submitted by Action Remediation (Kevin O'Connor) 516-781-3000. Report shows photos of the new tank, 8 soil boring locations around the tank and VOC/SVOC results from 2 soil samples. All results came back below TAGM. Spill Closed

Remarks: tank had a leak in it over the weekend and spill went into the basement of apartment complex

Material:

Site ID:	220446
Operable Unit ID:	1038214
Operable Unit:	01
Material ID:	346331
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	50
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9607064
Spill Date:	09/01/1996
Spill Time:	12:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	MULQUEEN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported

RESIDENTIAL APT COMPLEX (Continued) **S102399243**

Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/04/96
Reported to Department Time: 11:22
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: RESIDENTIAL APT COMPLEX
Spiller Address: 4861 BROADWAY
Spiller City,St,Zip: MANHATTAN, NY
Spiller Cleanup Date: / /
Facility Contact: JOHN AMINSAO
Facility Phone: (212) 265-2280
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/04/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 09/23/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: tank had a leak in it over the weekend and spill went into the basement of apartment complex

AD164 **620 ISHAM STREET** **LTANKS** **S102671948**
NNW **620 ISHAM STREET** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.390 mi.
2062 ft. **Site 4 of 4 in cluster AD**

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	125737
Spill No:	9207502
Spill Date:	9/29/1992
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	9/29/1992
Facility Addr2:	Not reported
Cleanup Ceased:	9/29/1992
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	9/29/1992
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/30/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	108749
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	TANK GAUGE FAULTY-OIL LEAKED FROM VENT TO CONCRETE SIDEWALK AND DRIVEWAY-DRIVER CONTAINED W/SPEEDI-DRI AND SPILL ENROUTE TO COMPLETE CLEANUPWILL P/U AND DISPOSE.

Material:

Site ID:	125737
Operable Unit ID:	971152
Operable Unit:	01
Material ID:	408137
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No

620 ISHAM STREET (Continued) **S102671948**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9207502
Spill Date: 09/29/1992
Spill Time: 08:45
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/29/92
Cleanup Ceased: 09/29/92
Cleanup Meets Standard: True
Investigator: TANG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/29/92
Reported to Department Time: 09:02
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

620 ISHAM STREET (Continued) **S102671948**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/30/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 20
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK GAUGE FAULTY-OIL LEAKED FROM VENT TO CONCRETE SIDEWALK AND DRIVEWAY-DRIVER CONTAINED W/SPEEDI-DRI AND SPILL ENROUTE TO COMPLETE CLEANUPWILL P/U AND DISPOSE.

AE165 **IN STREET** **LTANKS** **S102662833**
WSW **182 NAGLE AVE** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.397 mi.
2095 ft. **Site 1 of 2 in cluster AE**

Relative:
Lower

Actual:
17 ft.

LTANKS:
Site ID: 302545
Spill No: 9612843
Spill Date: 1/28/1997
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.
Spill Closed Dt: 1/29/1997
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1/29/1997
CID: 15

IN STREET (Continued) **S102662833**

Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/29/1997
Spill Record Last Update:	4/29/1997
Spiller Name:	TOMMY
Spiller Company:	B AND T TRANSPORT
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:	244424
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" DEC INVESTIGATOR:CLEANED BY PETROLEUM TANK CLEANERS.
Remarks:	OVERFILLED TANK, CLEANUP IN PROGRESS. THOUGHT SPILL WAS REPORTED YESTERDAY. SPILL HOTLINE COMPUTER GLITCH THIS MORNING - TOLD TO CALL BACK

Material:

Site ID:	302545
Operable Unit ID:	1044354
Operable Unit:	01
Material ID:	341491
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	75
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9612843
Spill Date:	01/28/1997

IN STREET (Continued) **S102662833**

Spill Time:	16:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	01/29/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/29/97
Reported to Department Time:	13:45
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	B AND T TRANSPORT
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	TOMMY
Facility Phone:	(718) 333-4154
Facility Extention:	Not reported
Spill Notifier:	Affected Persons
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/29/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	04/29/97
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	100

IN STREET (Continued) **S102662833**

Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	75
Unkonwn Quantity Recovered:	False
Material:	#4 FUEL OIL
Class Type:	#4 FUEL OIL
Times Material Entry In File:	1751
CAS Number:	Not reported
Last Date:	19941205
DEC Remarks:	DEC INVESTIGATOR:CLEANED BY PETROLEUM TANK CLEANERS.
Spill Cause:	OVERFILLED TANK, CLEANUP IN PROGRESS. THOUGHT SPILL WAS REPORTED YESTERDAY. SPILL HOTLINE COMPUTER GLITCH THIS MORNING - TOLD TO CALL BACK

AB166 **677 WEST 204** **LTANKS** **S103517603**
NW **677 WEST 204** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY** **AST**
0.399 mi. **HIST AST**
2105 ft. **Site 6 of 6 in cluster AB**

Relative:
Higher

Actual:
45 ft.

LTANKS:

Site ID:	141748
Spill No:	9711069
Spill Date:	1/2/1998
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.
Spill Closed Dt:	1/2/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1/2/1998
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/2/1998
Spill Record Last Update:	6/29/2006
Spiller Name:	CALLER
Spiller Company:	T & S TRUCKING
Spiller Address:	53 2ND AVENUE
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:	121007
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	DRIVER OVERFILLED TANK.

677 WEST 204 (Continued) **S103517603**

Material:

Site ID:	141748
Operable Unit ID:	1053944
Operable Unit:	01
Material ID:	329333
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9711069
Spill Date:	01/02/1998
Spill Time:	14:20
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	01/02/98
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/02/98
Reported to Department Time:	14:43
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported

677 WEST 204 (Continued) **S103517603**

Spiller Extention: Not reported
Spiller Name: T & S TRUCKING
Spiller Address: 53 2ND AVENUE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: CALLER
Facility Phone: (718) 499-2900
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/02/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/15/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 4
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: DRIVER OVERFILLED TANK.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-203793
Program Type: PBS
UTM X: 590760.29911000002
UTM Y: 4524624.8475400005
Expiration Date: 2012/08/24

Tank Number: 001
Tank Id: 18521

677 WEST 204 (Continued) **S103517603**

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	3/5/1915
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KAKYER
Last Modified:	6/20/2007

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)

Affiliation Records:

Site Id:	7052
Affiliation Type:	Emergency Contact
Company Name:	IADA REALTY CORP
Contact Type:	Not reported
Contact Name:	DBL OPERATING CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 661-8570
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	7052
Affiliation Type:	On-Site Operator
Company Name:	677 WEST 204TH ST
Contact Type:	Not reported
Contact Name:	BRIAN SALMON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

677 WEST 204 (Continued) **S103517603**

Phone:	(212) 569-3714
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	7052
Affiliation Type:	Owner
Company Name:	IADA REALTY CORP
Contact Type:	REGISTERED MANAGING AGENT
Contact Name:	EDMUND N. MILLER
Address1:	C/O DBL-122 EAST 42ND STREET SUITE 1103
Address2:	Not reported
City:	NEW YORK CITY
State:	NY
Zip Code:	10168
Country Code:	001
Phone:	(212) 661-8570
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	6/20/2007

Site Id:	7052
Affiliation Type:	Mail Contact
Company Name:	IADA REALTY CORP
Contact Type:	Not reported
Contact Name:	STEPHEN SDEO
Address1:	% LEMLE & WOLFF INC.
Address2:	5925 BROADWAY
City:	BRONX
State:	NY
Zip Code:	10463
Country Code:	001
Phone:	(718) 884-7676
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-203793
SWIS Code:	6201
Operator:	BRIAN SALMON
Facility Phone:	(212) 569-3714
Facility Addr2:	677 WEST 204TH ST
Facility Type:	APARTMENT BUILDING
Emergency:	DBL OPERATING CORP
Emergency Tel:	(212) 661-8570
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	IADA REALTY CORP

677 WEST 204 (Continued) **S103517603**

Owner Address:	C/O DBL-122 EAST 42ND STREET SUITE 1103
Owner City,St,Zip:	NEW YORK CITY, NY 10168
Federal ID:	Not reported
Owner Tel:	(212) 661-8570
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	IADA REALTY CORP
Mailing Address:	C/O DBL OPERATING CORP.
Mailing Address 2:	122 EAST 42ND ST-(SUITE 1103)
Mailing City,St,Zip:	NEW YORK CITY, NY 10168
Mailing Telephone:	(212) 661-8570
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:	08/19/1997
Expiration:	08/24/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	1
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:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True

677 WEST 204 (Continued) **S103517603**

SPDES Number: Not reported
Lat/Long: Not reported

AF167 **BRONX WEST 08 DOS -DDC** **LTANKS** **S106737815**
NE **423 WEST 215TH STREET** **NY Spills** **N/A**
1/4-1/2 **BRONX, NY**
0.412 mi.
2176 ft. **Site 1 of 4 in cluster AF**

Relative:
Lower

Actual:
14 ft.

LTANKS:

Site ID:	336349
Spill No:	0411096
Spill Date:	1/12/2005
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/13/2009
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	ADZHITOM
Referred To:	NFA
Reported to Dept:	1/12/2005
CID:	71
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/18/2005
Spill Record Last Update:	5/13/2009
Spiller Name:	JAY SHAH
Spiller Company:	NYC DEPT SANITATION
Spiller Address:	301 W 215 ST
Spiller City,St,Zip:	NEW YORK, NY 10004
Spiller County:	001
Spiller Contact:	JAY SHAH
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	230517
DEC Memo:	10/05/05 See spill # 0330039 Free phase. AZ 1/13/2005 Approved proposed soil boring locations for the first round of soil sampling. A new spill took place. (2 gasoline tanks failed the test). Delineation is required for the new spill. AZ 1/20/2005 Requested information on the tank failure and its status from Steve Frank (LiRo). LiRo did not do any tightness testing. Gasoline tank and probably diesel tanks failed in 2005. LiRo will remove 2-2,000 gal diesel tanks soon. Samples will be taken. AZ 4/11/2006 Contacted Jane Staten and requested update on the spill. She will get back to me. AZ 5/8/2006 Received final report for the period February - March 2006 from LiRo dated April 28, 2006. LiRo is no longer responsible for this site. AZ 9/22/2006 Upon a request from Jane Staten sent a FOIL spill report to her. Called F&N and left a message requesting more info regarding the spill. PBS# 2-455822. AZ 1/23/2007 At the meeting

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

with DDC/URS on January 10, 2007, the site was discussed. Jane Staten informed that URS can not locate this tank. One gasoline tank was closed 10 years ago mo investigation was performed. DOS sometimes is closing tanks without informing DEC/DDC/URS. URS will prepare a drawing that indicates all known tanks prior to a site visit with DEC/DDC/URS/DOS. Also, all borings/wells, investigated/remediated areas should be mapped. AZ 6/16/2008 An e-mail was sent to DDC/URS/V.Brevdo: "Previously DEC requested identification and delineation of this spill. The tanks should be identified, borings/wells advanced in the tank filed area and the results of the investigation submitted to DEC." AZ 1-7-2008 An e-mail was sent to DDC/URS/V.Brevdo: "In June 2008 DEC requested identification and delineation of this spill. However, no information was received. The tanks should be identified, borings/wells advanced in the tank field area and the results of the investigation submitted to DEC. The spill report indicated that two diesel tanks, 4,000 gallons each, failed the test. Also, one gasoline tank probably failed." AZ 1-8-2008 E-mail from J. Staten: "As we discussed, URS visited the site and talked to facility personnel but were unsuccessful in locating the tanks identified on the spill #0411096 report form. Obviously, we need to take a different tact, so I will contact Michael Murphy of DOS. He has been of great assistance on other DOS sites so I am hopeful that he will be able to provide us with site plans or the names of facility personnel that will help us identify the tanks in question." AZ 5-11-2009 Reviewed Request for closure by URS dated January 26-2009. The report states that the USTs identified in the spill report are two diesel USTs and one gasoline UST. Spill report #0411096 indicates that USTs failed a tightness test at Bronx West 8 facility located at 423 West 215th St. in Manhattan. However, the "Potential Spiller" listed on the form is Department of Sanitation facility located at 310 West 215th Street, which is Manhattan 12 facility located immediately east of the Bronx 7/8. Two of these tanks had reported storage capacity of 4,000 gallons. The Bronx 7/8 facility never had tanks that matched this description whereas Manhattan West 12 facility, situated across 9th Avenue, immediately east of the Bronx 7/8 facility, had tanks that exactly matched this description. URS concluded that spill #0411096 erroneously listed the Bronx 7/8 as the "Spill Name" but correctly identified the Manhattan West 12 facility as the "Potential Spiller". The two 4,000 diesel tanks and one 4,000 gallons tank formerly located at the Manhattan West 12 facility were removed in June 2005. On July 8, 2008, DEC approved closure of spill number 0504296 associated with two 4,000 gal diesel USTs and one 4,000 gal gasoline UST formerly located at the Manhattan West 12 facility. Based on this information, URS requested closure of spill #0411096. AZ 5-13-2009 Based on the above information submitted by URS this spill number is closed. An e-mail confirming closure is sent to NYCDDC/URS/V. Brevdo. AZ

Remarks: FIRST 2 TANKS - DIESEL TANK 3 IS GASOLINE NO CALL-BACK REQUIRED

Material:

Site ID:	336349
Operable Unit ID:	1098375
Operable Unit:	01
Material ID:	578544
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	336349
Spill Tank Test:	1548499
Tank Number:	1
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	1/18/2005
Test Method:	Horner EZ Check I or II
Site ID:	336349
Spill Tank Test:	1548500
Tank Number:	2
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	1/18/2005
Test Method:	Horner EZ Check I or II

NY Spills:

Site ID:	284240
Facility Addr2:	Not reported
Facility ID:	0330039
Spill Number:	0330039
Facility Type:	ER
SWIS:	0301
Investigator:	ADZHITOM
Referred To:	NEXT REPORT JUNE 2010
Spill Date:	10/27/2000
Reported to Dept:	9/18/2003
CID:	Not reported
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	True
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not Closed
Remediation Phase:	5
Date Entered In Computer:	9/18/2003

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

Spill Record Last Update:	4/21/2010
Spiller Name:	Not reported
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	125 WORTH STREET
Spiller City,St,Zip:	NEW YORK, NY 10013-
Spiller Company:	001
Contact Name:	NEIL GALLAGHER
Contact Phone:	(718) 334-9144
DEC Region:	2
DER Facility ID:	230517
DEC Memo:	VOCPrior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY" LiRo installed and is currently operating an SVE system and a groundwater pump & treat system to address soil and groundwater contamination from gasoline, diesel and waste oil USTs. This spill transferred from Kolleeny to A. Zhitomirsky on 4/13/05. - JK 6/30/2005 Reviewed Quaterly Report received on 3/30/2005 from JK. The SVE and pump and treat systems are effectively collecting and treating site contaminants. SVE-4 has to be checked. Skimmers at LMW-3,4, and 10 have to be checked. AZ 7/6/2005 Reviewed Quaterly Report received on 5/24/2005 and approved proposed soil boring locations for the first round of soil sampling. AZ 10/07/2005 The site has free product plume. AZ 2/8/2006 Reviewed Quarterly Report received in September 2005. Product is present in LMW-3. Latest results showed persisting higher level contamination at wells LMW-9 and LMW-11.The primary VOC at LMW-11 is MTBE. The pump and treat system and SVE system operated normally. AZ 5/8/2006 Received final monitoring report for the period February - March 2006 from LiRo dated April 28, 2006. LiRo is no longer responsible for this site. The system was down for 26 days due to fire in February 2006. The system is actively recovering VOCs. AZ 1/2/2007 Reviewed Quarterly Report received in September 2006. At the end of March 2006, the oversight of the site was transferred from LiRo to URS. No reports were submitted between April 2006 and September 2006. In October 2005. LiRo advanced four soil borings Each sample collected directly above the water table exceeded NYSDEC TAGM #4046. On June 20, 2006, URS collected groundwater samples. GW samples were not collected from monitoring wells LMW-05 through LMW-07 and LMW-12 through LMW-14 because contaminant concentrations have been below DEC GW Quality Criteria for twO consecutive sampling rounds. In addition, gw samples were not collected from LMW-02 and LMW-04 due to the presence of free product. LMW-17 was inaccessible. Total VOC concentrations ranged from 30 ppb to 422 ppb in LMW-09. The average vacuum measurements at monitoring and ventilation wells ranged from 0.02 to 2.73 inches of water column. Based on the latest analytical results, free product and dissolved phase groundwater contamination are still present. URS recommended continuation of the SVE and gw extraction systems operation. 1/5/2006 The report did not provide any monitoring information for pumping wells - pump and treat system. Groundwater pumping rates should be indicated in gpm for each well. Without individual pumping rates is difficult to judge the system performance. I called Jane Staten (URS) and requested changes in system monitoring and reporting. AZ 1/23/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. The system is shut down since August 2006. Cost proposal is being prepared. URS did not provide any time frame for the system start up. Vac truck operations are performed monthly. DEC requested that URS revise the system to enable collection of flow rates data for each well. URS

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

will prepare a drawing that indicates all known tanks prior to a site visit with DEC. AZ 12/4/2007 An e-mail was sent to DDC/URS/V. Brevdo: "I have reviewed System Performance Monitoring Report and Confirmation Soil Sampling Plan for the above site received on October 25 and October 22, 2007. Below are my comments addressing these reports: 1. Submittal of the reports was significantly delayed. Previous report submittal for this site was dated September 5, 2006. 2. URS recommended suspension of the SVE system before new soil borings are advanced. This recommendation is rejected. Previous high VOC concentrations in soil justify continuos operation of the SVE system. 3. Groundwater monitoring well LMW-11 was not accessible in the latest round of sampling (September 2007), however it exhibited elevated VOC contaminant levels in the previous round of sampling (June 2007). In spite of the elevated levels, this well was not included in the latest groundwater plume boundaries. This well should have been included with an explanation that the latest sampling of the well was performed in June 2007. It should be noted that this well is a downgradient well and is located outside of the property boundary. 4. There is a potential of groundwater plume migration outside of the property boundaries at this site. Wells LMW-18, LMW-19, URSG and LMW-16 should be sampled during all monitoring events. 5. The site has free phase plume and a potential for groundwater plume migration. The GWET system was inactive since August 2006. URS stated that the effectiveness of the GWET system decreased during the months leading up to the shutdown. But DEC noticed deficiencies in the system performance and requested modification of the system on 1/5/2006, while the system was in operation. However, the system was not modified. The GWET system should be modified and restarted without delay. 6. URS proposed advancement of four soil borings. DEC requests advancing two additional borings which should be located near former borings LB-4 and LMW-4 utilities and structures permitting. 12-4-2007 DEC agreed that the boring near LB-4 is not needed. Instead, a boring near former LMW-9 should be advanced utilities and structures permitting. AZ 3-20-2008 An e-mail was sent to DDC/URS/V. Brevdo: "I have reviewed Monitoring Report for the above site dated January 21, 2008. URS recommended continuing monthly visits with the vacuum truck until free product no is longer detected. I concur with this proposal. Monitoring of additional groundwater wells should be performed as per previous DEC correspondence." AZ 6-18-2008 Reviewed Results of Confirmation Soil and Latest Groundwater Sampling dated April 18, 2008. Soil sampling showed that no VOCs or SVOCs exceeded TAGM #4046 in any of nine samples collected. The latest groundwater data suggest the persistence of minor dissolved phase contamination in wells LMW-02, LMW-08, LMW-09 and LMW-10, with aggregate total VOC concentrations over the past year ranging from 83 ppb to 369 ppb. There is also persistence of free product in well LMW-04. The product thickness in LMW-04 is about 0.04'. URS recommended termination and removal of the SVE system, removal of the GWET system, quarterly sampling of groundwater monitoring wells. DEC approved these recommendations in an e-mail. DEC previously approved monthly product recovery using the vacuum truck. AZ 10-8-2008 Reviewed Free product Recovery and Semi- Annual groundwater Monitoring Plan. Free product is limited to well LMW-04. Product thickness is about varies around 0.04'. On June 19, 2008 URS collected gw samples. Total VOC concentrations ranged from 13 ppb to 276 ppb in well LMW-10. URS stated that data suggest the persistence of minor dissolved phase

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

contamination. URS will contnue quarterly gw sampling and monthly free product recovery using a vacuum truck until free product is no longer detected. AZ 1-7-2009 Reviewed Free product Recovery and groundwater monitoring data July through September 2008. Free product is limited to well LMW-04. Product thickness varies around 0.01'. About 0.75 gallons was recovered this monitoring period. A total of 7 gallons was recovered since the recovery effort began in 2007. On September 17, 2008, URS collected gw samples. Total VOC concentrations ranged from 2 ppb in LMW-16 to 657 ppb in well LMW-10, where concentrations increased from 276 ppb. URS stated that they will continue quarterly gw sampling and monthly free product recovery using a vacuum truck until free product is no longer detected. AZ 1-8-2009 An e-mail was sent to J. Staten/DDC/V Brevdo/URS:"...I suggest installing an oil skimmer pump in well LMW-4 as more economical and efficient remedial technique than a vacuum truck pumping. The pump for this site could be similar to the pump successfully used at Engine Company 58 (PetroXtractor)." AZ 4-21-2009 Reviewed free product recovery and groundwater monitoring data for the period October through December 2008. Since September 2008 dissolved phase groundwater contaminant concentrations have been relatively elevated in LMW-9 (539 ppb total VOCs). Minor amounts of free product were detected in wells LMW--02 and LMW-04. URS will continue to perform monthly free product recovery using a peristaltic pump. AZ 9-2-09 Reviewed free product recovery and groundwater monitoring data for the period January through March 2009. Minor amounts of free product was detected in well LMW-04. 203 ppb to 8 ppb. AZ 1-11-10 Reviewed free product recovery and groundwater monitoring data for the period April through June 2009. Minor amounts of free product was detected in well LMW-04 in April and May. To date URS recovered approximately 9 gallons of free product since 2007. VOCs were detected in wells LMW-09 and LMW-11 ranging from 1,530 ppb to 1,017 ppb respectively. AZ 2-18-2010 Reviewed free product recovery and groundwater monitoring data for the period July through September 2009. To date URS recovered approximately 9 gallons of free product since 2007. VOCs were detected ranging from 7 ppb to 971 ppb. AZ

Remarks: DURING REMOVAL OF A 1,000-GALLON WASTE OIL TANK, VISIBLY PETROLEUM-STAINED BACKFILL WAS OBSERVED, ELEVATED PID READINGS WERE DETECTED. ANALYSIS OF GROUNDWATER SAMPLES FROM EXCAVATION FOUND VOCS INCLUDING MTBE. [SEE ALSO SPILL 9705745 FOR THIS SITE]

Material:

Site ID:	284240
Operable Unit ID:	880607
Operable Unit:	01
Material ID:	496538
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
Site ID:	284240
Operable Unit ID:	880607
Operable Unit:	01

BRONX WEST 08 DOS -DDC (Continued) **S106737815**

Material ID: 496539
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

AC168 **GASETERIA** **LTANKS** **S105994862**
ESE **205 WEST FORDHAM ROAD** **N/A**
1/4-1/2 **BRONX, NY**
0.413 mi.
2180 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
87 ft.

LTANKS:
Site ID: 214115
Spill No: 0230037
Spill Date: 1/7/2002
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/8/2005
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: aaobliga
Referred To: NFA
Reported to Dept: 1/7/2002
CID: 17
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 9/27/2002
Spill Record Last Update: 12/8/2005
Spiller Name: ROBERTO
Spiller Company: GASETERIA

GASETERIA (Continued) **S105994862**

Spiller Address: 364 MASPETH AVENUE
Spiller City,St,Zip: BROOKLYN, NY -
Spiller County: 001
Spiller Contact: ROBERTO
Spiller Phone: (718) 782-4200
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 177398
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" SPILL TRANSFERRED FROM VOUGHT TO OBLIGADO 10/21/05 - Obligado - Baseline Acquisition Assessment Report- (1/10/03), submitted by Delta. In 1/02, 5 soil borings advanced by Whitestone Associates to between 7 and 22 ft bgs. 5 soil samples collected. Only one exceedence for xylene at 1910 ppb. Soil results show total VOC from 30 ppb in SB5 (20-22') to 4194 ppb in SB3(5-7'). Total SVOCs 1991 ppb, no exeedences. No metals exceedences. Delta plans to collect ground water samples once surrounding fence has been demolished so there is acccess for drill rig. 10/21/05 - Obligado - Email correspondence to Brad Fisher asking if ground water samples ever collected. 10/26/05 - Obligado - Email from Brad Fisher. BP put development plans on hold. No plans in the near future to bring drill rig to site to collect ground water samples. 11/3/05 - Obligado - Send Email to Tomasello inquiring if ASR has done any work at the site. If USTs have been removed. 12/7/05 - Obligado - Meeting with DEC, ASR, Gaseteria. Grant NFA, send letter 12/8/05.
Remarks: Contaminated soi found. Data reported to DEC despite knowledge by Gaseteria since 8/5/2002.

Material:
Site ID: 214115
Operable Unit ID: 866814
Operable Unit: 01
Material ID: 509678
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: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

169 West 1/4-1/2 0.413 mi. 2182 ft. | **33 VERMILYEA AVE/MANH**
33 VERMILYEA AVENUE
NEW YORK CITY, NY | **LTANKS**
HIST LTANKS
AST
HIST AST | **S102671662**
N/A

Relative: Lower

Actual: 18 ft.

LTANKS:

Site ID:	172515
Spill No:	9013235
Spill Date:	3/28/1991
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.
Spill Closed Dt:	2/21/1995
Facility Addr2:	Not reported
Cleanup Ceased:	2/21/1995
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	3/28/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/4/1991
Spill Record Last Update:	2/21/1995
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:	145193
DEC Memo:	Not reported
Remarks:	SPILLAGE WAS WASHED TO STORM DRAIN,NYCDEP WAS NOTIFIED BY USEPA (212-669-8930).

Material:

Site ID:	172515
Operable Unit ID:	953168
Operable Unit:	01
Material ID:	426119
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

33 VERMILYEA AVE/MANH (Continued) **S102671662**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	338073
Spill No:	0412559
Spill Date:	2/27/2005
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/1/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2/27/2005
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/28/2005
Spill Record Last Update:	3/1/2005
Spiller Name:	Not reported
Spiller Company:	FERRANTINO FUEL CORP
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	FERRANTINO FUEL CORP
Spiller Phone:	(646) 235-9752
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	273402
DEC Memo:	3/1/05-Vought-Spill response off hours duty-Vought called Farrantino Oil and spoke with mark Loughlin (646-235-9752) and crew on way to site. Spill result of tank overfill. Spil came out vent pipe onto sidewalk and out of fittings on AST in secondary containment room. Vought called DEP Gilmore and spill call originated from NYC Hotline (no onwer information). Vouht performed site visit and Petroleum Tank Cleaners (PTC) onsite (Anthony Lara 718-624-4842) and cleaning up sidewalk. Vought instructed PTC to vacuum out drain on Corner of Academy and Vermilyea. Drain was vacuumed and secondary containment room was inspected and speedy dry was put down (about 10-15 gallons

33 VERMILYEA AVE/MANH (Continued) **S102671662**

spilled in secondary containment). No odors present in building or in basement. Spill on concrete and in drain (DEP notified) with no pathways to subsurface> Spill closed by Vought

Remarks: Tank overfill caused 100 gallons of home heating oil to spill outside. Sewer is affected. Cleanup has begun.

Material:

Site ID:	338073
Operable Unit ID:	1100051
Operable Unit:	01
Material ID:	580324
Material Code:	0001
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:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9013235
Spill Date:	03/28/1991
Spill Time:	11:30
Spill Cause:	Tank Overfill
Resource Affectd:	In Sewer
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	02/21/95
Cleanup Ceased:	02/21/95
Cleanup Meets Standard:	True
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported

33 VERMILYEA AVE/MANH (Continued) **S102671662**

Notifier Extension: Not reported
Reported to Department Date: 03/28/91
Reported to Department Time: 11:51
SWIS: 62
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Citizen
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/04/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/21/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: SPILLAGE WAS WASHED TO STORM DRAIN,NYCDEP WAS NOTIFIED BY USEPA 212-669-8930).

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-252611
Program Type: PBS

33 VERMILYEA AVE/MANH (Continued) **S102671662**

UTM X:	590610.74074000004
UTM Y:	4524339.2301099999
Expiration Date:	2007/07/14

Tank Number:	001
Tank Id:	14156
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3500
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:	3/4/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

Affiliation Records:

Site Id:	10189
Affiliation Type:	Emergency Contact
Company Name:	33 VERMILYEA LLC C/O GREEN & COHEN PC
Contact Type:	Not reported
Contact Name:	JOSE ADAMES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-2474
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	10189
Affiliation Type:	Mail Contact
Company Name:	33 ERMILYEA LLC C/O GREEN & COHEN PC
Contact Type:	Not reported
Contact Name:	JASON M. GREEN

33 VERMILYEA AVE/MANH (Continued) **S102671662**

Address1:	319 EAST 91ST STREET
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10128
Country Code:	001
Phone:	(212) 831-4400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	10189
Affiliation Type:	Owner
Company Name:	33 VERMILYEA LLC C/O GREEN & COHEN PC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	319 EAST 91ST ST
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10128
Country Code:	001
Phone:	(212) 831-4400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	10189
Affiliation Type:	On-Site Operator
Company Name:	33 VERMILYEA AVE
Contact Type:	Not reported
Contact Name:	JOSE ADAMES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-2474
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

HIST AST:

PBS Number:	2-252611
SWIS Code:	6201
Operator:	JOSE ADAMES
Facility Phone:	(212) 567-2474
Facility Addr2:	33 VERMILYEA AVE
Facility Type:	Not reported
Emergency:	JOSE ADAMES

33 VERMILYEA AVE/MANH (Continued) **S102671662**

Emergency Tel:	(212) 567-2474
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	VIRGINIA CARROLL & TAL C/O ST THOMAS MGMT CORP
Owner Address:	364 THIRD AVE
Owner City,St,Zip:	NY, NY 10016
Federal ID:	Not reported
Owner Tel:	(212) 685-7720
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	VIRGINIA CARROLL & TAL C/O ST THOMAS MGMT CORP
Mailing Address:	364 THIRD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10016
Mailing Telephone:	(212) 685-7720
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:	07/24/1997
Expiration:	07/14/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	3500
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:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	3500
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported

33 VERMILYEA AVE/MANH (Continued) **S102671662**

Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

AF170 **DEPT OF SANITATION** **LTANKS** **S102232700**
NE **301 W 215H ST** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.416 mi.
2195 ft. **Site 2 of 4 in cluster AF**

Relative:
Lower

Actual:
6 ft.

LTANKS:

Site ID:	262006
Spill No:	9604675
Spill Date:	7/9/1996
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/6/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	7/9/1996
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/9/1996
Spill Record Last Update:	7/7/2005
Spiller Name:	WILLIAM FENNELL
Spiller Company:	DEPT OF SANITATION
Spiller Address:	301 WEST 215TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	JERRY KASPAR
Spiller Phone:	(800) 646-3161
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	184432
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY" This spill is closed to consolidate; refer to open spill #9604262 for this site, which is being remediated by LiRo Engineering under the NYCDDC Consent Order. -J. Kolleeny 1/6/05
Remarks:	no product leakage - test is pass/fail - tanks are for diesel storage

Material:

DEPT OF SANITATION (Continued) **S102232700**

Site ID:	Not reported
Operable Unit ID:	Not reported
Operable Unit:	Not reported
Material ID:	Not reported
Material Code:	Not reported
Material Name:	Not reported
Case No.:	Not reported
Material FA:	Not reported
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	262006
Spill Tank Test:	1544629
Tank Number:	1
Tank Size:	4000
Test Method:	20
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	USTest 2000/P/LL plus USTest 2000/U
Site ID:	262006
Spill Tank Test:	1544630
Tank Number:	2
Tank Size:	4000
Test Method:	20
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	USTest 2000/P/LL plus USTest 2000/U

HIST LTANKS:

Region of Spill:	2
Spill Number:	9604675
Spill Date:	07/09/1996
Spill Time:	19:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KOLLEENY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported

DEPT OF SANITATION (Continued) **S102232700**

Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/09/96
Reported to Department Time:	19:53
SWIS:	62
Spiller Contact:	JERRY KASPAR
Spiller Phone:	(800) 646-3161
Spiller Extention:	Not reported
Spiller Name:	DEPT OF SANITATION
Spiller Address:	301 WEST 215TH ST
Spiller City,St,Zip:	NEW YORK, NY
Spiller Cleanup Date:	/ /
Facility Contact:	WILLIAM FENNELL
Facility Phone:	(718) 937-3286
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/09/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/19/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	1
Tank Size:	4000
Test Method:	USTest 2000
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported
PBS Number:	Not reported
Tank Number:	2
Tank Size:	4000
Test Method:	USTest 2000
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Not reported
Quantity Spilled:	Not reported
Unkonwn Quantity Spilled:	Not reported
Units:	Not reported
Quantity Recovered:	Not reported
Unkonwn Quantity Recovered:	Not reported
Material:	Not reported
Class Type:	Not reported
Times Material Entry In File:	Not reported
CAS Number:	Not reported
Last Date:	Not reported

DEPT OF SANITATION (Continued) **S102232700**

DEC Remarks: Not reported
Spill Cause: no product leakage - test is pass/fail - tanks are for diesel storage

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AF171 **DOS MANHATTAN W.12 GARAGE** **LTANKS** **S103478327**
NE **301 WEST 215TH ST.** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.416 mi.
2195 ft. **Site 3 of 4 in cluster AF**

Relative:
Lower

Actual:
6 ft.

LTANKS:

Site ID:	210474
Spill No:	9807598
Spill Date:	9/21/1998
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.
Spill Closed Dt:	10/26/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	9/22/1998
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/22/1998
Spill Record Last Update:	12/21/2004
Spiller Name:	JAY SHAH
Spiller Company:	NY CITY DEPT SANITATION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	JAY SHAH
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	184432
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY" GARAGE FOREMAN ASKED FOR TANK TEST BECAUSE OF INVENTORY RECONCILIATION DISCREPANCIES. TANK TESTED ON 9/21/98 BY PRO TEST ENTERPRISES USING HORNER EZY CHECK (UNDERFILL VACUUM TEST), AND FAILED. TANK RE-TESTED ON 10/13/98 BY CROMPCO CORP. USING UST 2000 TEST (UNDERFILL PRESSURE TEST) AND PASSED; TANK AND ALL PIPING APPEAR TIGHT. BASED ON THIS, KOLLEENY GAVE DOS APPROVAL TO PUT TANK BACK IN SERVICE. WILL VISIT SITE TO CHECK INVENTORY RECONCILIATION IN 30 DAYS. Not reported
Remarks:	Not reported

Material:

Site ID:	210474

DOS MANHATTAN W.12 GARAGE (Continued) **S103478327**

Operable Unit ID:	1068660
Operable Unit:	01
Material ID:	318680
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:

Site ID:	210474
Spill Tank Test:	1546278
Tank Number:	1
Tank Size:	4000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

HIST LTANKS:

Region of Spill:	2
Spill Number:	9807598
Spill Date:	09/21/1998
Spill Time:	16:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/26/98
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KOLLEENY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/22/98
Reported to Department Time:	10:29
SWIS:	62
Spiller Contact:	JAY SHAH
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
Spiller Name:	NY CITY DEPT SANITATION

DOS MANHATTAN W.12 GARAGE (Continued) **S103478327**

Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: JAY SHAH
Facility Phone: (212) 334-9138
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/22/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/26/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 4000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: GARAGE FOREMAN ASKED FOR TANK TEST BECAUSE OF INVENTORY RECONCILIATION DISCREPANCIES. TANK TESTED ON 9/21/98 BY PRO TEST ENTERPRISES USING HORNER EZY CHECK UNDERFILL VACUUM TEST), AND FAILED. TANK RE-TESTED ON 10/13/98 BY CROMPCO CORP. USING UST2000 TEST UNDERFILL PRESSURE TEST) AND PASSED; TANK AND ALL PIPING APPEAR TIGHT. BASED ON THIS, KOLLEENY GAVE DOS APPROVAL TO PUT TANK BACK IN SERVICE. WILL VISIT SITE TO CHECK INVENTORY RECONCILIATION IN 30 DAYS.
Spill Cause: Not reported

AF172 **SANITATION GARGE** **LTANKS** **S109064392**
NE **301 WEST 215TH STREET** **N/A**
1/4-1/2 **NEW YORK, NY**
0.417 mi.
2203 ft. **Site 4 of 4 in cluster AF**

Relative:
Lower

Actual:
9 ft.

LTANKS:

Site ID:	398724
Spill No:	0802569
Spill Date:	6/6/2008
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.
Spill Closed Dt:	8/21/2008
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	6/6/2008
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/6/2008
Spill Record Last Update:	8/21/2008
Spiller Name:	JAY SHAH
Spiller Company:	SANITATION GARGE
Spiller Address:	301 WEST 215TH STREET
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	JAY SHAH
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	348068
DEC Memo:	7/15/2008 TTF sent to: NYC Dept of Sanitation Director of Equipment 125 Worth Street New York, NY 10013 see eDocs Spill Closed - Duplicate spill case - Refer to spill #0802073
Remarks:	TANK WAS OK BUT SUNCTION LINE FAILED

Material:

Site ID:	398724
Operable Unit ID:	1155595
Operable Unit:	01
Material ID:	2146472
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

SANITATION GARGE (Continued) **S109064392**

Oxygenate: False

Tank Test:
Site ID: 398724
Spill Tank Test: 2486229
Tank Number: Not reported
Tank Size: 2000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 6/6/2008
Test Method: Horner EZ Check I or II

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173 SE 1/4-1/2 0.427 mi. 2253 ft. | **BRONX COMMUNITY COLLEGE**
WEST 181ST / UNIVERSITY AVE
BRONX, NY | **LTANKS** | **S109416321**
N/A

Relative: Higher

Actual: 173 ft.

LTANKS:
Site ID: 408967
Spill No: 0811391
Spill Date: 10/14/2008
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Spill Closed Dt: 9/1/2009
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: bkfalvey
Referred To: Not reported
Reported to Dept: 1/15/2009
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/15/2009
Spill Record Last Update: 9/1/2009
Spiller Name: WAYNE MURPHY
Spiller Company: BRONX COMMUNITY COLLEGE
Spiller Address: WEST 181ST & UNIVERSITY AVE
Spiller City,St,Zip: BRONX, NY
Spiller County: 999
Spiller Contact: BRIAN FALDEY
Spiller Phone: (718) 482-7129
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 358221
DEC Memo: 1/15/09 Reviewed tank tightness test report dated 1014/08. Report states that tank and line associated with tank 5 was inconclusive.

BRONX COMMUNITY COLLEGE (Continued) **S109416321**

Found leak at ATG riser and leak at manway lines. Notified engineer on-site. Checked database and no spill could be found. Called Tanknology and they have no record of calling in spill. I was told their procedure is to call spill hotline when a tank fails. I called Wayne Murphy of Bronx Community College (718)289-5245 and left message regarding spill and to return me call. 1/16/09 Sent ttf letter to: Wayne Murphy, Chief Administrative Superintendent Bronx Community College West 181st Street/University Avenue Bronx, NY 10453 Received call from Michael Spath of CUNY. Told him about ttf letter. He will provide response after he receives letter. He told me the tank failed because of the manhole gasket and that it was repaired. bf 9/1/09 Received faxed letter from Michael Dillon, Senior stationary engineer at BCC. Tank failed because of a gauge line on top of the tank. No release of fuel. Tank was retested on 1/9/09 and passed. NFA. bf

Remarks: TANK TEST FAILURE ON A 25,000 GALLON UST. UNK IF ANY PRODUCT WAS SPILLED.

Material:

Site ID:	408967
Operable Unit ID:	1165472
Operable Unit:	01
Material ID:	2156883
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AE174 **189-02 HILLSIDE AV/EXXON** **LTANKS** **S104275640**
WSW **189-02 HILLSIDE AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.434 mi.
2290 ft. **Site 2 of 2 in cluster AE**

Relative:
Lower

Actual:
18 ft.

LTANKS:

Site ID:	71382
Spill No:	9011692
Spill Date:	2/7/1991
Spill Cause:	Tank Test Failure

189-02 HILLSIDE AV/EXXON (Continued) **S104275640**

Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/11/1993
Facility Addr2:	Not reported
Cleanup Ceased:	8/11/1993
Cleanup Meets Standard:	True
SWIS:	4101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	2/7/1991
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2/12/1991
Spill Record Last Update:	8/11/1993
Spiller Name:	Not reported
Spiller Company:	EXXON
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:	67547
DEC Memo:	Not reported
Remarks:	DISCHARGE LINE TEST FOR 4K TANK,FAILED PETRO TITE WITH A LEAK RATE OF .076GPH,TO REPLACE LINE & RETEST.

Material:

Site ID:	71382
Operable Unit ID:	948701
Operable Unit:	01
Material ID:	428221
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	71382
Spill Tank Test:	1538232
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0

189-02 HILLSIDE AV/EXXON (Continued) **S104275640**

Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 2
Spill Number: 9011692
Spill Date: 02/07/1991
Spill Time: 10:00
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/11/93
Cleanup Ceased: 08/11/93
Cleanup Meets Standard: True
Investigator: SULLIVAN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 02/07/91
Reported to Department Time: 11:27
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: EXXON
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (516) 794-4662
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/12/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/11/93
Is Updated: False

189-02 HILLSIDE AV/EXXON (Continued) **S104275640**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Not reported
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929
DEC Remarks:	08/11/93: REPLACED DISCHARGE LINE RETESTED AND PASSED ON 2/13/91.
Spill Cause:	DISCHARGE LINE TEST FOR 4K TANK,FAILED PETRO TITE WITH A LEAK RATE OF .076GPH,TO REPLACE LINE RETEST.

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175 NNE 1/4-1/2 0.444 mi. 2346 ft. | **FAILED VACUM TEST** **4036 9TH AVE** **NEW YORK CITY, NY** | **LTANKS** **HIST LTANKS** | **S102659627** **N/A**

Relative: Higher

Actual: 26 ft.

LTANKS:

Site ID:	281007
Spill No:	9705837
Spill Date:	8/14/1997
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	ADZHITOM
Referred To:	SOIL BORINGS TO ADVANCE
Reported to Dept:	8/14/1997
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	8/14/1997
Spill Record Last Update:	4/5/2010
Spiller Name:	MR DI GERALAMO
Spiller Company:	NY SANITATION DEPT
Spiller Address:	4036 9TH AVE

FAILED VACUM TEST (Continued) **S102659627**

Spiller City,St,Zip: NEW YORK CITY, ZZ
Spiller County: 001
Spiller Contact: MR DI GERALAMO
Spiller Phone: (718) 334-9138
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 228191
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY" 10/04/05: Spill case transferred from J. Kolleeny to A. Zhitomirsky, who is DEC project manager for this DDC site. - J. Kolleeny 10/07/2005 The site has free product plume. AZ 10/24/2005 Quaterly Report from 5/24/2005 from LiRo was reviewed in July 2005. Reviewed and approved proposed soil boring locations for the first round of soil sampling. AZ 1/24/07 At the meeting with DDC/URS on January 10, 2007, the site was discussed. URS will prepare a site map with existing borings/wells and tank locations. A site visit will be arranged. AZ 3-17-2009 An e-mail was sent to Jane Staten (URS):"What's the status of this spill? I do not have any updates since 2007." AZ 3-17-2008 J. Staten replied that she contacted Mike Murphy,DSNY, about this spill number. URS wantS to make sure which tank the spill report is referring to before they spend the money for an investigation. AZ Michael R. Murphy NYC Department of Sanitation Facilities & Equipment 125 Worth Street, Room 823B New York, N.Y. 10013 (T) 646-885-4876 (C) 646-235-3041 (E) mrmurphy@dsny.nyc.gov 9-2-09 URS in their report dated April 24-09 stated that they continue to research spill #9705837. AZ 1-11-10 Reviewed free product recovery and groundwater monitoring data for the period April through June 2009. VOCs were detected in wells LMW-09 and LMW-11 ranging from 1,530 ppb to 1,017 ppb respectively. Contaminant concentrations increased in a couple of wells this quarter. AZ 4-5-2010 Reviewed a URS's report dated February 1, 2010. No free product has been detected at the site in over six months. URS will reduce the frequency of the product recovery visits from monthly to quarterly. VOC concentrations ranged from 6 ppb to 350 ppb. AZ
Remarks: failed tank test info below

Material:
Site ID: 281007
Operable Unit ID: 1049117
Operable Unit: 01
Material ID: 331454
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 281007
Spill Tank Test: 1545274
Tank Number: 1
Tank Size: 5000

FAILED VACUM TEST (Continued) **S102659627**

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

HIST LTANKS:

Region of Spill:	2
Spill Number:	9705837
Spill Date:	08/14/1997
Spill Time:	10:30
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KOLLEENY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/14/97
Reported to Department Time:	10:31
SWIS:	62
Spiller Contact:	MR DI GERALAMO
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
Spiller Name:	NY SANITATION DEPT
Spiller Address:	4036 9TH AVE
Spiller City,St,Zip:	NEW YORK CITY
Spiller Cleanup Date:	/ /
Facility Contact:	MR DI GERALAMO
Facility Phone:	(718) 334-9138
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	08/14/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/06/98
Is Updated:	False

FAILED VACUM TEST (Continued) **S102659627**

Tank:

PBS Number:	Not reported
Tank Number:	1
Tank Size:	5000
Test Method:	Horner EZ Check
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported
Last Date:	19941207
DEC Remarks:	Not reported
Spill Cause:	failed tank test info below

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176 NW 1/4-1/2 0.450 mi. 2378 ft. | **THE DERMOT COMPANY** | **LTANKS** | **S109064289**
121 SEAMAN AVE | **N/A**
NEW YORK, NY

Relative: Higher

Actual: 55 ft.

LTANKS:

Site ID:	396843
Spill No:	0800992
Spill Date:	4/24/2008
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.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	4/24/2008
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/24/2008
Spill Record Last Update:	12/16/2008
Spiller Name:	CARMEN SANTIAGO
Spiller Company:	APART
Spiller Address:	121 SEEMAN AVE
Spiller City,St,Zip:	NEW YORK, NY

THE DERMOT COMPANY (Continued) **S109064289**

Spiller County:	001
Spiller Contact:	CARMEN SANTIAGO
Spiller Phone:	(646) 673-6714
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	346314
DEC Memo:	5/2/08 bf: This tank is not registered. I called Carmen Santiago, property manager, (646)673-6714 and she confirmed that the tank is nort registered. I notified her that they are in violation for not registering the tank. I told her I will be sending a ttf letter today and include an application, but she should register the tank asap. Sent ttf letter to; Carmen Santiago The Dermot Company 1775 Broadway, Suite 510 New York, NY 10019
Remarks:	DRY LEAK

Material:

Site ID:	396843
Operable Unit ID:	1153812
Operable Unit:	01
Material ID:	2144584
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	396843
Spill Tank Test:	2453594
Tank Number:	Not reported
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	4/24/2008
Test Method:	Horner EZ Check I or II

177
East
1/4-1/2
0.456 mi.
2407 ft.

2445 SEDGWICK AVE
2445 SEDGWICK AVE
BRONX, NY

LTANKS **S100560360**
HIST LTANKS **N/A**

Relative:
Higher

Actual:
123 ft.

LTANKS:

Site ID:	94162
Spill No:	9303142
Spill Date:	4/28/1993
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

2445 SEDGWICK AVE (Continued) **S100560360**

Spill Closed Dt:	2/27/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	6/9/1993
CID:	17
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/11/1993
Spill Record Last Update:	2/27/2003
Spiller Name:	Not reported
Spiller Company:	J.R. TUSANEZA AGENT
Spiller Address:	RIVERSDALE
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:	84328
DEC Memo:	Not reported
Remarks:	TANK TO BE ABANDONED AT SITE.

Material:

Site ID:	94162
Operable Unit ID:	981330
Operable Unit:	01
Material ID:	396736
Material Code:	0003
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2300
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

2445 SEDGWICK AVE (Continued) **S100560360**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9303142
Spill Date:	04/28/1993
Spill Time:	06:45
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/09/93
Reported to Department Time:	14:33
SWIS:	60
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	J.R. TUSANEZA AGENT
Spiller Address:	RIVERSDALE
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(914) 969-0099
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/11/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/19/93
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported

2445 SEDGWICK AVE (Continued) **S100560360**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 2300
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: TANK TO BE ABANDONED AT SITE.

AG178 **65 PARK TERRACE WEST** **LTANKS** **S105994836**
North **65-67 PARK TERRACE EAST** **N/A**
1/4-1/2 **NEW YORK, NY 10034**
0.462 mi.
2438 ft. **Site 1 of 4 in cluster AG**

Relative:
Higher

Actual:
87 ft.

LTANKS:
Site ID: 158286
Spill No: 0109660
Spill Date: 1/4/2002
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Facility Addr2: 65 PARK TERRACE EAST
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: BKFALVEY
Referred To: Not reported
Reported to Dept: 1/4/2002
CID: 15
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 1/4/2002
Spill Record Last Update: 2/15/2008
Spiller Name: BRAD HUNTINGTON
Spiller Company: Not reported
Spiller Address: 65 PARK TERRACE WEST
Spiller City,St,Zip: RIVERDALE, NY
Spiller County: 001
Spiller Contact: BRAD HUNTINGTON
Spiller Phone: (914) 962-3692
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 924

65 PARK TERRACE WEST (Continued) **S105994836**

DEC Memo: 12/19/05 - Sent letter dated 12/19/05 to Art Lim requesting further information on the status of the petroleum spill. 11/23/05 - Brad's office called back and told me that we could send a letter to the building owner: GDA Realty Corp., attn: Art Lim, PO Box 864, Elmhurst, NY, 11373. He had no phone # for them. 11/21/05 - left message for John Leddy of Pro-test. Pro-test called me back and said they only tested the tank but they were a subcontractor to TriState Engineers (914-962-3692) and we must follow up with them for cleanup details. Called triState and Brad Huntington is to call me back. Brad called back and said TriState was not called back in to do cleanup. He will call me back with contact person name/# for building. Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN" ORIG. ASSIGNED TO ROSSAN 1/24/08 bf: Sent ttf letter to: Anne Gillette Compliance Department Douglas Elliman Property Management 675 Third Ave. New york, NY 10017 2/13/08 Received message yesterday from Cathy, managing agent for property (212)567-6376. Wants to discuss letter. Returned call and left message on machine for Cathy. bf 2/15/08 Cathy called and left message. Called her back. She could not find any info. Gave her J. Leddy's contact info (Pro Test) and suggested to call there for any info. She will be out of office until 2/25/08. Extension agreed upon to call me on 2/25/08. bf

Remarks: dry leak - ez locator plus

Material:

Site ID:	158286
Operable Unit ID:	848013
Operable Unit:	01
Material ID:	527309
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	158286
Spill Tank Test:	1526793
Tank Number:	1
Tank Size:	5000
Test Method:	99
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Alternate Test per 613.5a2v

AH179 **X** **LTANKS** **S105995732**
North **45 PARK TERRACE WEST** **N/A**
1/4-1/2 **NEW YORK, NY**
0.465 mi.
2455 ft. **Site 1 of 2 in cluster AH**

Relative:
Higher

Actual:
97 ft.

LTANKS:

Site ID:	183096
Spill No:	0201002
Spill Date:	4/26/2002
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/29/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	4/26/2002
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/26/2002
Spill Record Last Update:	2/16/2006
Spiller Name:	JEFF FREDMAN
Spiller Company:	Not reported
Spiller Address:	45 PARK TERRACE WEST
Spiller City,St,Zip:	NEW YORK, NY 10034-
Spiller County:	001
Spiller Contact:	JEFF FREDMAN
Spiller Phone:	(212) 268-9060
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153389
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER" 1/5/04-Vought-Spill transferred from Vought to Austin. 01/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 12/27/05- DEC Piper sent out ttf letter to owner. Aggressive Heating Inc. 12/29/05- DEC Piper spoke w/ PTC. Original test failed. Upon return, lines were isolated and tank passed. UPon inspection, an old gauge line was not capped. Upon small repair, tank system retested and passed. Dry Portion Leak. Piper received info to close case out. e-docs
Remarks:	petroluim will be coming in and test the lines on the tank

Material:

Site ID:	183096
Operable Unit ID:	852005
Operable Unit:	01
Material ID:	522429
Material Code:	0002
Material Name:	#4 Fuel Oil

X (Continued) **S105995732**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AH180 **NORTH EASTERN ACADEMY - TTF** **LTANKS** **S109583770**
North **532 WEST 215TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.467 mi.
2466 ft. **Site 2 of 2 in cluster AH**

Relative:
Higher

Actual:
101 ft.

LTANKS:

Site ID:	411985
Spill No:	0900070
Spill Date:	4/2/2009
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/17/2009
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	4/2/2009
CID:	15
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/2/2009
Spill Record Last Update:	7/17/2009
Spiller Name:	JAMES BENNETT
Spiller Company:	NORTH EASTERN ACADEMY
Spiller Address:	532 WEST 215TH ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	999

NORTH EASTERN ACADEMY - TTF (Continued) **S109583770**

Spiller Contact:	JERRY SIBBIO
Spiller Phone:	(646) 533-0258
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	361182
DEC Memo:	4/24/2009 TTF letter sent to: Property Manager Northeastern Academy 532 West 215th Street New York, NY 10034 07/14/09. J.Krimgold reviewed the letter report submitted by Atec Environmental and dated May 21, 2009. Based on the report the tank failed the test either due to outdated vent cap or excessive corrosion of the manhole. Both components were repaired and a new manhole gasket was installed. The tank was retested and passed. Excavation of the tank top to perform repair did not reveal soil contamination. NFA.
Remarks:	TANK TEST FAILURE ON A 10,000 GALLON UST, DUE TO A ULLAGE LEAK. UNK IF ANY PRODUCT WAS SPILLED.

Material:

Site ID:	411985
Operable Unit ID:	1168477
Operable Unit:	01
Material ID:	2160079
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AI181 **5080 BROADWAY OPERATING CORP** **LTANKS** **U001329636**
NNE **5080 BROADWAY** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK, NY 10034** **UST**
0.467 mi. **HIST UST**
2468 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
36 ft.

LTANKS:

Site ID:	87579
Spill No:	9208723
Spill Date:	10/28/1992
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/12/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	10/28/1992
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/29/1992
Spill Record Last Update:	2/12/2003
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:	80235
DEC Memo:	Not reported
Remarks:	DISCOVERED DURING TANK PULL,GENE SULLIVAN WAS ON SITE.

Material:

Site ID:	87579
Operable Unit ID:	975485
Operable Unit:	01
Material ID:	405805
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Test Method: Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9208723
Spill Date:	10/28/1992
Spill Time:	13:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SULLIVAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/28/92
Reported to Department Time:	15:42
SWIS:	62
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/29/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: OLD GASOLINE.
Spill Cause: DISCOVERED DURING TANK PULL,GENE SULLIVAN WAS ON SITE.

UST:
Facility Id: 2-600906
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2012/10/07
UTM X: 591508.28535999998
UTM Y: 4524996.80688
Site ID: 22877

Tank Number: 001
Tank ID: 44572
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1992
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

I00 - Overfill - None

Tank Number:	002
Tank ID:	44573
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None

Tank Number:	003
Tank ID:	44574
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

I00 - Overfill - None

Tank Number:	004
Tank ID:	44575
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
F01 - Pipe External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number:	005
Tank ID:	44576
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F01 - Pipe External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

I00 - Overfill - None

Tank Number:	006
Tank ID:	44577
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None

Tank Number:	007
Tank ID:	44578
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

C02 - Pipe Location - Underground/On-ground

Tank Number:	008
Tank ID:	44579
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

Tank Number:	009
Tank ID:	44580
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

C02 - Pipe Location - Underground/On-ground

Tank Number:	010
Tank ID:	44581
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/25/2001
Register:	True
Modified By:	msbaptis
Last Modified:	10/2/2007

Equipment Records:

J01 - Dispenser - Submersible
K01 - Spill Prevention - Catch Basin
F01 - Pipe External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
B02 - Tank External Protection - Original Sacrificial Anode
F02 - Pipe External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	012
Tank ID:	44583
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/25/2001
Register:	True
Modified By:	msbaptis
Last Modified:	10/2/2007

Equipment Records:

J01 - Dispenser - Submersible
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
B02 - Tank External Protection - Original Sacrificial Anode
I02 - Overfill - High Level Alarm
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F02 - Pipe External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	013
Tank ID:	44584
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/25/2001
Register:	True
Modified By:	msbaptis
Last Modified:	10/2/2007

Equipment Records:

K01 - Spill Prevention - Catch Basin
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	014
Tank ID:	44585
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	10/1/1992
Capacity Gallons:	4000
Tightness Test Method:	20
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Tank Type:	Steel/carbon steel
Date Test:	10/25/2001
Register:	True
Modified By:	msbaptis
Last Modified:	10/2/2007

Equipment Records:

A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
F01 - Pipe External Protection - Painted/Asphalt Coating
I02 - Overfill - High Level Alarm
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
B02 - Tank External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Affiliation Records:

Site Id:	22877
Affiliation Type:	Owner
Company Name:	5080 OPERATING, INC.
Contact Type:	MEMBER
Contact Name:	LEONE BRUK
Address1:	3313 NORTHEAST 15TH COURT
Address2:	Not reported
City:	FORT LAUDERDALE
State:	FL
Zip Code:	33304
Country Code:	001
Phone:	(954) 566-2370
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/6/2008

Site Id:	22877
Affiliation Type:	On-Site Operator
Company Name:	5080 BROADWAY OPERATING CORP
Contact Type:	Not reported
Contact Name:	LEON BRUK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 567-9504
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Date Last Modified: 2/29/2008

Site Id: 22877
Affiliation Type: Mail Contact
Company Name: 5080 BROADWAY OPERATING CORP.
Contact Type: Not reported
Contact Name: LEON BRUK
Address1: 5080 BROADWAY
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10034
Country Code: 001
Phone: (212) 567-9504
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22877
Affiliation Type: Emergency Contact
Company Name: 5080 OPERATING CORP
Contact Type: Not reported
Contact Name: BORIS ROYZEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (954) 566-2370
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/29/2008

HIST UST:
PBS Number: 2-600906
SPDES Number: Not reported
Emergency Contact: BORIS ROYZEN
Emergency Telephone: (954) 566-2370
Operator: LEON BRUK
Operator Telephone: (212) 567-9504
Owner Name: 5080 OPERATING CORP
Owner Address: 3313 NORTHEAST 15TH COURT
Owner City,St,Zip: FORT LAUDERDALE, FL 00000
Owner Telephone: (954) 566-2370
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: 5080 BROADWAY OPERATING CORP.
Mailing Address: 5080 BROADWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10034
Mailing Contact: LEON BRUK
Mailing Telephone: (212) 567-9504

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

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:	5080 BROADWAY
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/15/1997
Expiration Date:	10/07/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	16000
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:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported
Tank Id:	002

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	009
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19921001
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
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:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	010
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19921001
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	12

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
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:	012
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19921001
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	12
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
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:	013
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19921001
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	12
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin

5080 BROADWAY OPERATING CORP (Continued) **U001329636**

Dispenser:	Submersible
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:	014
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19921001
Capacity (gals):	4000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	12
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Catch Basin
Dispenser:	Submersible
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

AI182 **KINGS BRIDGE BUS DEPO** **LTANKS** **S103559068**
NNE **4056 10TH AVE** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY** **NY Spills**
0.468 mi.
2472 ft. **Site 2 of 2 in cluster AI**

Relative:
Higher

Actual:
34 ft.

LTANKS:

Site ID:	179648
Spill No:	9812375
Spill Date:	1/6/1999
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	1/30/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Reported to Dept:	1/6/1999
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/6/1999
Spill Record Last Update:	1/30/2004
Spiller Name:	CALLER
Spiller Company:	KINGS BRIDGE BUS DEPO
Spiller Address:	4056 10TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150765
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" refer to 9510775.
Remarks:	CALLER CLOSED TANK AND FOUND CONTAMINATION IN SOIL.

Material:

Site ID:	179648
Operable Unit ID:	1069630
Operable Unit:	01
Material ID:	312650
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:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9812375
Spill Date:	01/06/1999

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Spill Time:	14:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SANGESLAND
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/06/99
Reported to Department Time:	14:23
SWIS:	62
Spiller Contact:	CALLER
Spiller Phone:	( ) -
Spiller Extention:	Not reported
Spiller Name:	KINGS BRIDGE BUS DEPO
Spiller Address:	4056 10TH AVE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	CALLER
Facility Phone:	( ) -
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/06/99
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/12/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: CALLER CLOSED TANK AND FOUND CONTAMINATION IN SOIL.

NY Spills:
Site ID: 179647
Facility Addr2: Not reported
Facility ID: 0405540
Spill Number: 0405540
Facility Type: ER
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Spill Date: 8/19/2004
Reported to Dept: 8/20/2004
CID: 15
Spill Cause: Equipment Failure
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: Penalty Not Recommended
UST Trust: False
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.
Spill Closed Dt: 10/19/2004
Remediation Phase: 0
Date Entered In Computer: 8/20/2004
Spill Record Last Update: 5/10/2005
Spiller Name: ELSA CHESSENA
Spiller Company: KINGS BRIDGE BUS DEPOT
Spiller Address: 4056 10TH AVE
Spiller City,St,Zip: MANHATTEN, NY
Spiller Company: 001
Contact Name: ELSA CHESSENA
Contact Phone: (718) 243-4891
DEC Region: 2
DER Facility ID: 150765
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" Spill reported twice; see 04-05531. Cap was missing on transfer pipe for waste oil tank. Approximately 5 gallons was spilled to the depot floor. Contained and cleaned by NYCT. Cap was replaced and tightened.
Remarks: PIPE LEAK: HAS BEEN CLEANED, NOTHING INTO SEWER:

Material:

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Site ID:	179647
Operable Unit ID:	889094
Operable Unit:	01
Material ID:	489776
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
Site ID:	179647
Operable Unit ID:	889094
Operable Unit:	01
Material ID:	489777
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	179647
Operable Unit ID:	889094
Operable Unit:	01
Material ID:	489778
Material Code:	0043A
Material Name:	ANTIFREEZE
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	179647
Operable Unit ID:	889094
Operable Unit:	01
Material ID:	489779
Material Code:	0043A
Material Name:	ANTIFREEZE
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	179646
Facility Addr2:	Not reported
Facility ID:	0400394
Spill Number:	0400394
Facility Type:	ER
SWIS:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Spill Date:	4/13/2004
Reported to Dept:	4/13/2004
CID:	15
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Spill Closed Dt:	4/19/2004
Remediation Phase:	0
Date Entered In Computer:	4/13/2004
Spill Record Last Update:	5/10/2005
Spiller Name:	CLARISSA BARROCALES
Spiller Company:	KINGS BRIDGE BUS DEPOT
Spiller Address:	4056 10TH AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller Company:	001
Contact Name:	CLARISSA BARROCALES
Contact Phone:	(718) 927-7777
DEC Region:	2
DER Facility ID:	150765
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" 04/19/04: Overfill at fill port when driver released hose. Contained and cleaned by NYCT.
Remarks:	UNSURE WHAT HAPPENED AT THIS TIME;

Material:

Site ID:	179646
Operable Unit ID:	882557
Operable Unit:	01
Material ID:	491651
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum

KINGS BRIDGE BUS DEPO (Continued) **S103559068**

Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

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

AG183 **70 PARK TERR EAST** **LTANKS** **S103037464**
North **70 PARK TERR EAST** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.490 mi.
2589 ft. **Site 2 of 4 in cluster AG**

Relative:
Higher

Actual:
81 ft.

LTANKS:

Site ID:	236080
Spill No:	9714576
Spill Date:	3/30/1998
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	2/4/2004
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/31/1998
CID:	15
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/31/1998
Spill Record Last Update:	2/4/2004
Spiller Name:	TRI STATE ENGINEERING
Spiller Company:	70 PARK TERR EAST
Spiller Address:	70 PARK TERR EAST
Spiller City,St,Zip:	MANHATTAN, NY

70 PARK TERR EAST (Continued) **S103037464**

Spiller County:	001
Spiller Contact:	TRI STATE ENGINEERING
Spiller Phone:	(914) 962-3692
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	194480
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" 12/23/2003 Sangesland sent the management company a "Do Work" letter for an old Tank Test Failure. Deadline Feb 25, 2004 2/4/2004 Prime Locations Inc. (914-963-2279) sent in a copy of a passing tank test performed on 4/10/98, about 2 weeks after the initial tank test failure. Spill Closed.
Remarks:	caller tested tank. tank failed test.

Material:

Site ID:	236080
Operable Unit ID:	1060340
Operable Unit:	01
Material ID:	556217
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	236080
Spill Tank Test:	1545720
Tank Number:	1
Tank Size:	7500
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

HIST LTANKS:

Region of Spill:	2
Spill Number:	9714576
Spill Date:	03/30/1998
Spill Time:	12:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False

70 PARK TERR EAST (Continued) **S103037464**

Investigator: SANGESLAND
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/31/98
Reported to Department Time: 14:35
SWIS: 62
Spiller Contact: TRI STATE ENGINEERING
Spiller Phone: (914) 962-3692
Spiller Extention: Not reported
Spiller Name: 70 PARK TERR EAST
Spiller Address: 70 PARK TERR EAST
Spiller City,St,Zip: MANHATTAN, NY
Spiller Cleanup Date: / /
Facility Contact: TRI STATE ENGINEERING
Facility Phone: (914) 962-3692
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/31/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/16/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 7500
Test Method: Horner EZ Check
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported

70 PARK TERR EAST (Continued) **S103037464**

Spill Cause: caller tested tank. tank failed test.

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184 East 1/4-1/2 0.493 mi. 2604 ft. **FORHDHAM HILL 1 FORDHAM HILL OVAL BRONX, NY** **LTANKS** **S108639403 N/A**

Relative: Higher

Actual: 106 ft.

LTANKS:

Site ID:	380053
Spill No:	0700673
Spill Date:	4/18/2007
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Spill Closed Dt:	5/18/2007
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	0301
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	4/18/2007
CID:	17
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/18/2007
Spill Record Last Update:	5/18/2007
Spiller Name:	FIREFIGHTER MORRIS
Spiller Company:	HOUSING COMPLEX
Spiller Address:	FATHER ZERSI PL/WEBB AVE
Spiller City,St,Zip:	BRONX, NY
Spiller County:	001
Spiller Contact:	FIREFIGHTER MORRIS
Spiller Phone:	(347) 203-6886
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	329538
DEC Memo:	04/18/07-Vought-Off hours responder. Vought responded to site and FDNY 19th Battalion (Captain Roach 718-430-0219) onsite. Spill occurred when #4 fuel oil was being transferred from one 25000-gallon #4 fuel oil UST to another. Spill was discovered at 5am. Spill inside building coming out of entry port of supply return lines into wall. Concrete in good condition in boiler room however sump affected. DEC notified by FDNY and arriving on-site. No odor complaints received to date. Site maintenance director is Gildardo Arvelaez (718-365-9659) and owner of site is Fordham Hill (Everton Moore 718-365-9600). Oil came out of AST manway flowed down soil hill and impacted sewer. As per petrometer, 4300 gallons in North tank and 20000 gallons in South Tank. Unable to determine spill amount as petrometers may not be working correctly. Spill amount approximated at 300-gallons. Eastmond arrived onsite and began cleanup. Eastmond hired by Fordham Hill. DEC requires: 1)submission of Eastmond invoices 2)collection of endpoint soil samples 3)petrometer repair replacement. Vought sent letter with

FORHDHAM HILL (Continued) **S108639403**

above requirements and one month due date to owners as per PBS: Fordham Hill Owners 1 Fordham Hill Oval Bronx, NY 10468 Ph: 718-365-9600 Fax: 718-733-0472 05/18/07-Vought-Office visit by Gildardo Arvelaez who provided endpoint soil analyticals from Eastmond (eight soil samples were collected and showed no TAGM 4046 Soil Cleanup Objective Exceedences and provided letter from Fordam Hill stating that two new petrometers were installed. Arvelaez also provided invoices from Eastmond that included pressure washing of basement and cleaning of three sump pits. Spill closed by Vought and NFA provided to Arvelaez.

Remarks: IN BASEMENT AND SOME GOING INTO STORM DRAIN: FIRE DEPT ON WAY

Material:

Site ID:	380053
Operable Unit ID:	1137545
Operable Unit:	01
Material ID:	2127494
Material Code:	0001
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:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AG185 **INSIGNEA** **LTANKS** **S105999203**
North **75-77 PARK TERRACE EAST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.494 mi.
2610 ft. **Site 3 of 4 in cluster AG**

Relative:
Higher

Actual:
80 ft.

LTANKS:

Site ID:	154297
Spill No:	0302733
Spill Date:	6/13/2003
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.
Spill Closed Dt:	6/16/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported

INSIGNEA (Continued) **S105999203**

Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	6/13/2003
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/13/2003
Spill Record Last Update:	6/16/2003
Spiller Name:	CALLER
Spiller Company:	INSIGNEA
Spiller Address:	75-77 PARK TERRACE EAST
Spiller City,St,Zip:	MANHATTAN, ZZ
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	130852
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" Vought spoke to Frank (Castle): No sewers affected Spill on soil Castle oil excavated 2' x 5' x 18" area Wilson (Columbia Univ) said no contamination left Spill Closed
Remarks:	TANK OVERFILL DUE TO DEFECTIVE METER. CLEAN UP CREW EN ROUTE

Material:

Site ID:	154297
Operable Unit ID:	870480
Operable Unit:	01
Material ID:	507189
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

AG186 **LTANKS** **S104950574**
North **75 PARK TERRACE EAST** **HIST LTANKS** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.494 mi.
2610 ft. **Site 4 of 4 in cluster AG**

Relative:
Higher

Actual:
80 ft.

LTANKS:

Site ID:	245658
Spill No:	0011644
Spill Date:	1/29/2001
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.
Spill Closed Dt:	5/27/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1/29/2001
CID:	15
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/29/2001
Spill Record Last Update:	5/27/2003
Spiller Name:	FRANK
Spiller Company:	INSIGNA RESIDENTIAL
Spiller Address:	75 PARK TERRACE EAST
Spiller City,St,Zip:	MANHATTAN, NY 10034-
Spiller County:	001
Spiller Contact:	JIM CAREY
Spiller Phone:	(718) 579-3414
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	201750
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" administrative closure no proof of cleanup submitted
Remarks:	tank over fill due to defective guage cleanup crew enroute

Material:

Site ID:	245658
Operable Unit ID:	833073
Operable Unit:	01
Material ID:	541946
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

(Continued) **S104950574**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	0011644
Spill Date:	01/29/2001
Spill Time:	10:00
Spill Cause:	Tank Overfill
Resource Affectd:	In Sewer
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SANGESLAND
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/29/01
Reported to Department Time:	10:50
SWIS:	62
Spiller Contact:	JIM CAREY
Spiller Phone:	(718) 579-3414
Spiller Extention:	Not reported
Spiller Name:	INSIGNA RESIDENTIAL
Spiller Address:	75 PARK TERRACE EAST
Spiller City,St,Zip:	MANHATTAN, NY 10034-
Spiller Cleanup Date:	/ /
Facility Contact:	FRANK
Facility Phone:	(212) 569-5461
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

(Continued) **S104950574**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/29/01
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/29/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: tank over fill due to defective guage cleanup crew enroute

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187
ESE
1/4-1/2
0.497 mi.
2623 ft.

ECR REALTY
2326 LORING PLACE
BRONX, NY

LTANKS **S103558627**
HIST LTANKS **N/A**

Relative:
Higher

Actual:
156 ft.

LTANKS:
Site ID: 134870
Spill No: 9811009
Spill Date: 12/2/1998
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/6/2005
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 0301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 12/2/1998
CID: 16
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False

ECR REALTY (Continued) **S103558627**

Remediation Phase:	0
Date Entered In Computer:	12/2/1998
Spill Record Last Update:	7/5/2006
Spiller Name:	MITCH
Spiller Company:	ECR REALTY
Spiller Address:	2326 LORING PLACE
Spiller City,St,Zip:	BRONX, ZZ
Spiller County:	001
Spiller Contact:	MITCH
Spiller Phone:	(212) 889-4406
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	115811
DEC Memo:	5/6/2005 Sangesland received a submittal from Frank Claro (Owner's Rep) of Loring PL LLC (718-664-6600). Submittal shows that Abilene Heating Group removed the 4,000 gal tank in Nov 1999 and replaced it with a new 3,000 gal tank. This new tank has been pressure tested & passed. Photographs of the new tank and the basement area show the site is clean and in proper working order. Spill Closed - 5/6/2005
Remarks:	SPILL CREW DISPATCHED FOR CLEAN UP AND PUMPING OUT TANK-TEMPORARY TANK TO BE INSTALLED.

Material:

Site ID:	134870
Operable Unit ID:	1071885
Operable Unit:	01
Material ID:	314864
Material Code:	0002
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9811009
Spill Date:	12/02/1998
Spill Time:	13:00
Spill Cause:	Tank Failure

ECR REALTY (Continued) **S103558627**

Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/02/98
Reported to Department Time:	13:20
SWIS:	60
Spiller Contact:	MITCH
Spiller Phone:	(212) 889-4406
Spiller Extention:	Not reported
Spiller Name:	ECR REALTY
Spiller Address:	2326 LORING PLACE
Spiller City,St,Zip:	BRONX
Spiller Cleanup Date:	/ /
Facility Contact:	MITCH
Facility Phone:	(212) 889-4406
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	12/02/98
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/15/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons

ECR REALTY (Continued) **S103558627**

Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: DEC Sigona) responded on 12/2/98 arrived at 1500 hrs. Met with superintendent Daniel Fiallo 718)561-1591. The product came under AST in vault room. Coal debris on concrete around tank, saturated with 4 fuel oil. Petroleum Tank Cleaners on sitewill pump all fuel oil from tank. PTC will have to remove debris, place speedy dry steam clean floor. Their is no oil seeping. The sump is clean, no oil beyond containment. Left site at 15:30 hrs. Spill requires follow-up site inspection beforeclosure. The tank may require replacement depending on the inspection by PTC. DEC Sigona) conducted follow-up inspection on 7/14/1999 at 2PM. Met on-site with Danny, Superintendent. Building mgmt removed all of the oily contaminated debris from tank room and boiler room. Steam cleaned, concrete repaired and painted the floor of tank room. Replaced leaking tank with new 3,000 gallon AST with new aboveground piping system. The tank was installed in May 1999, and had plate with information in May 1999, and had plate with information on tank design. The tank was painted black, no sign of oil spills or contamination. Recommended that superintendent paint piping system and install additional ceiling pipe supports. Also, recommended the installation of inulation on aboveground steam pipes over the tank and inside boiler room. Superintendent showed examples of repairs and reconditioning performed in hallways, entrance of building. New tiles, paint and flower beds infront of thebuilding. Left site at 2:30 P.M.
Spill Cause: SPILL CREW DISPATCHED FOR CLEAN UP AND PUMPING OUT TANK-TEMPORARY TANK TO BE INSTALLED.

188
West
1/4-1/2
0.498 mi.
2631 ft.

68-76 THAYER ST
MANHATTAN, NY

LTANKS **S104620462**
HIST LTANKS **N/A**

Relative:
Higher

Actual:
26 ft.

LTANKS:
Site ID: 153217
Spill No: 9907072
Spill Date: 9/13/1999
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/19/2002
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 9/14/1999
CID: 15
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False

(Continued) **S104620462**

Remediation Phase: 0
Date Entered In Computer: 9/14/1999
Spill Record Last Update: 7/19/2002
Spiller Name: ARDEN MANAGEMENT
Spiller Company: Not reported
Spiller Address: 68-76 THAYER ST
Spiller City,St,Zip: MANHATTAN, NY
Spiller County: 001
Spiller Contact: ARDEN MANAGEMENT
Spiller Phone: (718) 375-3491
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 130005
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TOMASELLO/VOUGHT" 7/18/2002-VOUGHT-Site visit on 7/17/2002 by Vought. No evidence of groundwater or soil impacts such as stained concrete or sheen in sump pump. No cracks or stains on concrete. Interview with superintendent (Juan 917-800-4705) stated that spill was cleaned up rapidly before infiltration could occur. Spill closed by Vought.
Remarks: FOUND LEAKING TANK YESTERDAY - 5000GAL CAPACITY - CLEANED UP

Material:
Site ID: 153217
Operable Unit ID: 1085504
Operable Unit: 01
Material ID: 299777
Material Code: 0003
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50
Units: Gallons
Recovered: 50
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9907072
Spill Date: 09/13/1999
Spill Time: 14:00
Spill Cause: Tank Failure

(Continued) **S104620462**

Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	09/14/99
Reported to Department Time:	09:10
SWIS:	62
Spiller Contact:	ARDEN MANAGEMENT
Spiller Phone:	(718) 375-3491
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	68-76 THAYER ST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	ARDEN MANAGEMENT
Facility Phone:	(718) 375-3491
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	09/14/99
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	09/14/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	50
Unkonwn Quantity Spilled:	False
Units:	Gallons

(Continued) **S104620462**

Quantity Recovered: 50
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: FOUND LEAKING TANK YESTERDAY - 5000GAL CAPACITY - CLEANED UP

189
West
1/2-1
0.643 mi.
3393 ft.

Relative:
Higher

Actual:
40 ft.

CON EDISON - BROADWAY/DYCKMAN ST STA. MGP
12 DONGAN PLACE
NEW YORK, NY 10040

Manufactured Gas Plants

1008407978
N/A

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BRONX	1001224027	NYCDOT	GRAND CONCOURSE YARD	10468	FINDS,MANIFEST,RCRA-NLR
BRONX	1004760607	NYCTA - JEROME BX	204 JEROME AVE		FINDS,RCRA-NLR,MANIFEST
NEW YORK	1006810239	NYC DOT	E 10 ST BRIDGE	10006	FINDS,RCRA-NLR,MANIFEST
NEW YORK	1007206475	CONSOLIDATED EDISON CO OF NY INC	MH 419 220TH ST / BROADWAY		RCRA-NLR,MANIFEST
NEW YORK	1007206900	CONSOLIDATED EDISON	MH60578-W 201ST ST / 10TH AV		RCRA-NLR,MANIFEST
NEW YORK	1007207400	CONSOLIDATED EDISON	MH56066-W 201ST ST / 9TH AVE		RCRA-NLR,MANIFEST
QUEENS	1007208591	CONSOLIDATED EDISON	V0600-208TH ST / 30TH AVE		RCRA-NLR,MANIFEST
BRONX	1009231923	GETTY PETROLEUM	3337 BOSTON POST ROAD	10471	MANIFEST
NEW YORK	1009235694	NYCDEP	10TH AVE BTW W29TH / W30TH S		MANIFEST
NEW YORK	1009237611	CONSOLIDATED EDISON	MH36015-GREENWICH / W 10TH S		MANIFEST
NEW YORK	1009237656	CONSOLIDATED EDISON	PALMER AVE / BOSTON POST RD		MANIFEST
NEW YORK	1009238082	CONSOLIDATED EDISON	MH362-W 217TH ST / 10TH AVE		MANIFEST
NEW YORK	1009238428	CONSOLIDATED EDISON	V1501-F/O 747 10TH AVE		MANIFEST
NEW YORK	1009238683	CONSOLIDATED EDISON	V6310-71 E 9TH ST		MANIFEST
BRONX	1009238804	CONSOLIDATED EDISON	MH32277-GOULDEN AVE / 205TH		MANIFEST
NEW YORK	1010566757	NYSDOT BIN 107696A	RAMP FROM EDWARD L GRANT HWY	10033	RCRA-LQG
ALEXANDRIA	S103903741	LUCETTE PICARD PROPERTY	566 RTE 579		VCP
BRONX	S109785943	FORT WASHINGTON AUTO BODY	1308 EDWARD L GRANT HWY	10452	MANIFEST
NEW YORK	S109942993	59TH GENERATION STATION	59TH ST OFF THE WEST SIDE HIGH		SPILLS
NEW YORK	S110306129	NYSDOT BIN 107696A	RAMP FROM EDWARD L GRANT HWY T	10033	MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
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: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/25/2010
	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: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/02/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/11/2010
	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 EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 07/21/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/25/2010
	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: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/02/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/13/2010
	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: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

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

Date of Government Version: 02/02/2010
Date Data Arrived at EDR: 02/24/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 21

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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 R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

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: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

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: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 06/17/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 53

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 10/18/2010
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/17/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 53

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 10/18/2010
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

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

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: 06/17/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 53

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 06/17/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 53

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

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: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

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: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

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: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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: 12/31/1992
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/19/2007
Number of Days to Update: 78

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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: 04/02/2008
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 1
Telephone: 617-918-1102
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
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.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/28/2010
Next Scheduled EDR Contact: 09/20/2010
Data Release Frequency: Varies

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: 07/30/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
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: 09/07/2010
Next Scheduled EDR Contact: 11/22/2010
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: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/17/2010
Next Scheduled EDR Contact: 12/20/2010
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: 03/26/2010
Date Data Arrived at EDR: 03/26/2010
Date Made Active in Reports: 04/28/2010
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
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: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
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: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Annually

SPILLS: Spills Information Database

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

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/26/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
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

Other Ascertainable Records

RCRA-NonGen: 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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
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: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
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: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Varies

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: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
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: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
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: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/15/2010
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: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
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: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/30/2010
Next Scheduled EDR Contact: 11/01/2010
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

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: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
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

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: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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

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: 04/30/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/25/2010
Date Made Active in Reports: 05/06/2010
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
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: 07/19/2010
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/05/2007
Date Made Active in Reports: 10/17/2007
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/25/2010
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 35

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/24/2010
Next Scheduled EDR Contact: 10/11/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
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: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: N/A

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: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Varies

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: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary 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.

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 Historical Cleaners: EDR Proprietary 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.

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

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 04/22/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 05/10/2010
Number of Days to Update: 18

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 04/22/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 05/10/2010
Number of Days to Update: 18

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 06/28/2010
Number of Days to Update: 5

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 06/28/2010
Number of Days to Update: 5

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
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: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2010
Date Data Arrived at EDR: 05/14/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
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

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 & 2009 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 and 2005 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

PATHMARK SUPERMARKET
410 W 207TH ST
NEW YORK, NY 10034

TARGET PROPERTY COORDINATES

Latitude (North):	40.86390 - 40˚ 51' 50.0''
Longitude (West):	73.9175 - 73˚ 55' 3.0''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	591230.2
UTM Y (Meters):	4524001.0
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-G8 CENTRAL PARK, NY
Most Recent Revision:	1995
North Map:	40073-H8 YONKERS, NJ
Most Recent Revision:	1998

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 principle 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).

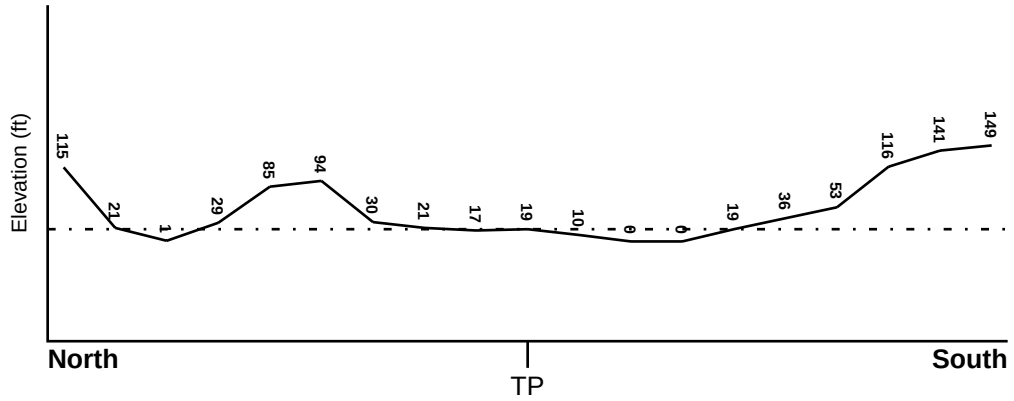
TOPOGRAPHIC INFORMATION

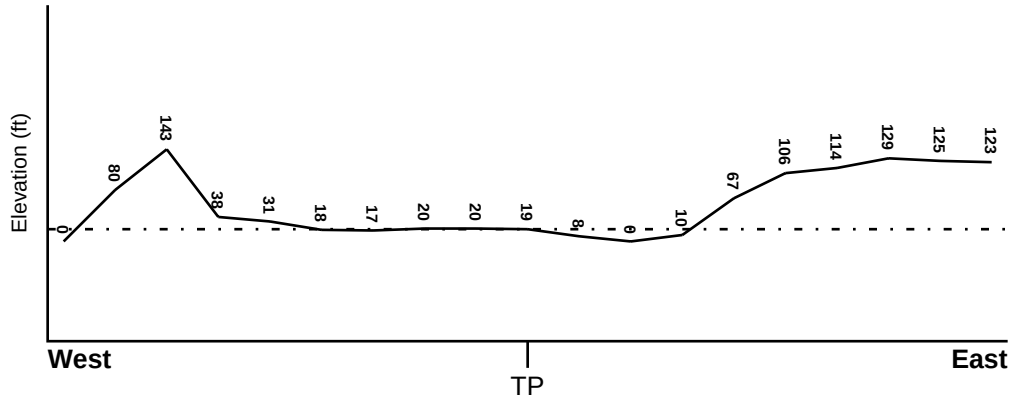
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

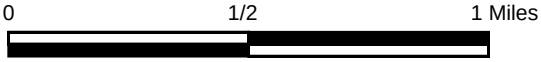
General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 19 ft.



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
NEW YORK, 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: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CENTRAL PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

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:	Paleozoic	Category:	Stratified Sequence
System:	Ordovicias		
Series:	Lower Ordovician and Cambrian carbonate rocks		
Code:	OC *(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
1	USGS2113571	0 - 1/8 Mile WNW
2	USGS2113598	1/4 - 1/2 Mile WNW
A3	USGS2113464	1/2 - 1 Mile NNE
4	USGS2113827	1/2 - 1 Mile South
A5	USGS2113479	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

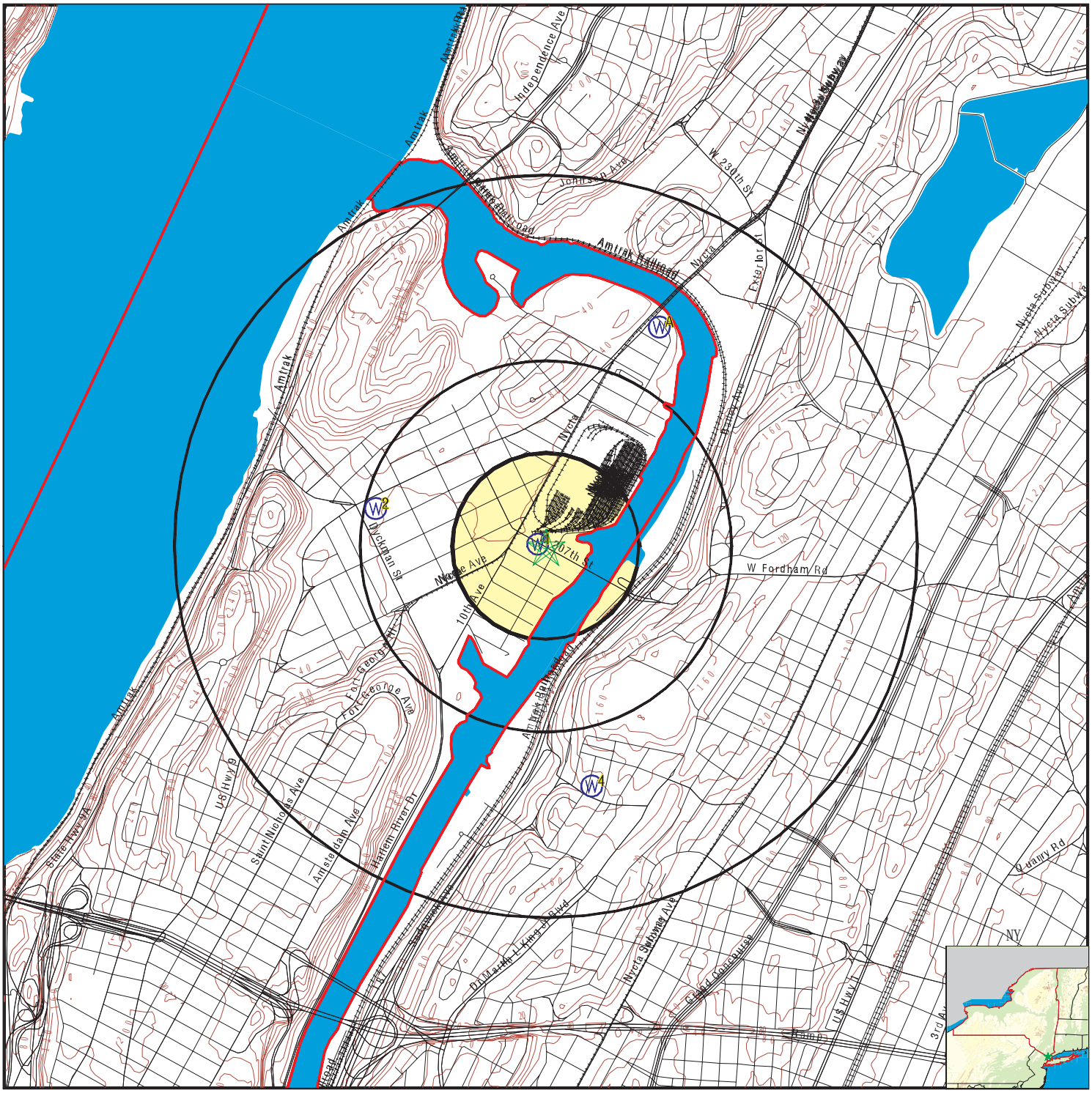
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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 - 02874993.2r



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Pathmark Supermarket	CLIENT:	EnviroBusiness, Inc.
ADDRESS:	410 W 207th St New York NY 10034	CONTACT:	Brian Perrott
		INQUIRY #:	02874993.2r
LAT/LONG:	40.8639 / 73.9175	DATE:	September 21, 2010 12:26 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **WNW** **0 - 1/8 Mile** **Higher**	**FED USGS**	**USGS2113571**

Agency cd:	USGS	Site no:	405150073550601
Site name:	NY 139		
Latitude:	405150	EDR Site id:	USGS2113571
Longitude:	0735506	Dec lat:	40.8639888
Dec lon:	-73.91791439	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	061
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	Not Reported
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	310	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

---

2 **WNW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS2113598**

Agency cd:	USGS	Site no:	405155073553601
Site name:	NY 163		
Latitude:	405155	EDR Site id:	USGS2113598
Longitude:	0735536	Dec lat:	40.86537765
Dec lon:	-73.92624796	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	061
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	Not Reported

Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	73	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3
NNE **FED USGS** **USGS2113464**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	405219073544401
Site name:	NY 94		
Latitude:	405219	EDR Site id:	USGS2113464
Longitude:	0735444	Dec lat:	40.87204423
Dec lon:	-73.91180308	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	061
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	Not Reported
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SAND		
Well depth:	39	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
South
1/2 - 1 Mile
Higher

FED USGS **USGS2113827**

Agency cd:	USGS	Site no:	405116073545601
Site name:	B 41		
Latitude:	405116	EDR Site id:	USGS2113827
Longitude:	0735456	Dec lat:	40.85454452
Dec lon:	-73.91513658	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	005
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	Not Reported
Altitude:	100		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	98	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-00-00	Ground water data end date:	1953-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1953	20	

A5
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS2113479**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	405222073544301
Site name:	NY 165		
Latitude:	405222	EDR Site id:	USGS2113479
Longitude:	0735443	Dec lat:	40.87287755
Dec lon:	-73.91152529	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	061
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	Not Reported
Altitude:	5		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	59	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for NEW YORK 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.

Not Reported

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 & 2009 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 and 2005 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: 518-402-8056
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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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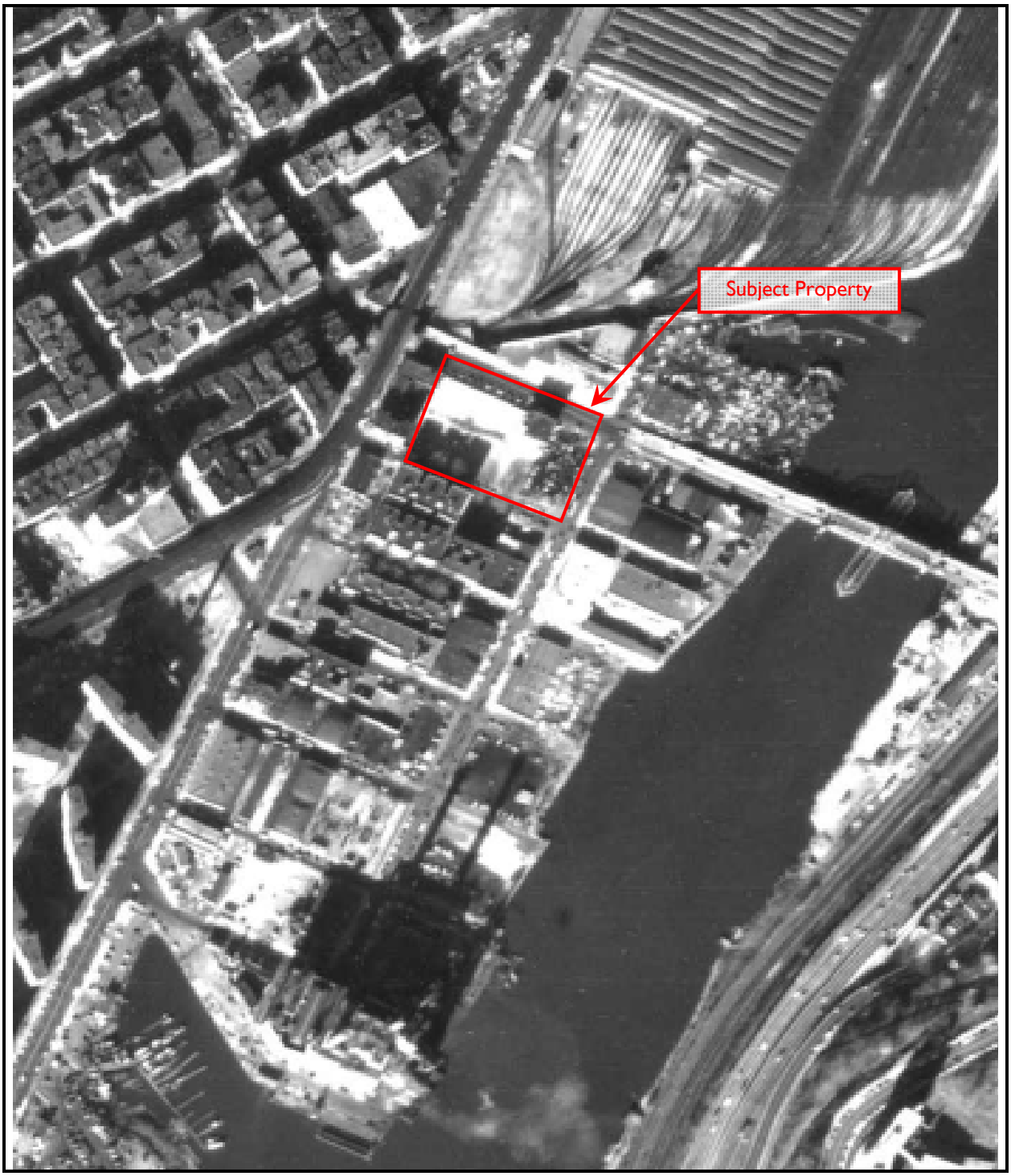
APPENDIX F

HISTORICAL DOCUMENTATION

Aerial Photograph

Year: 1954

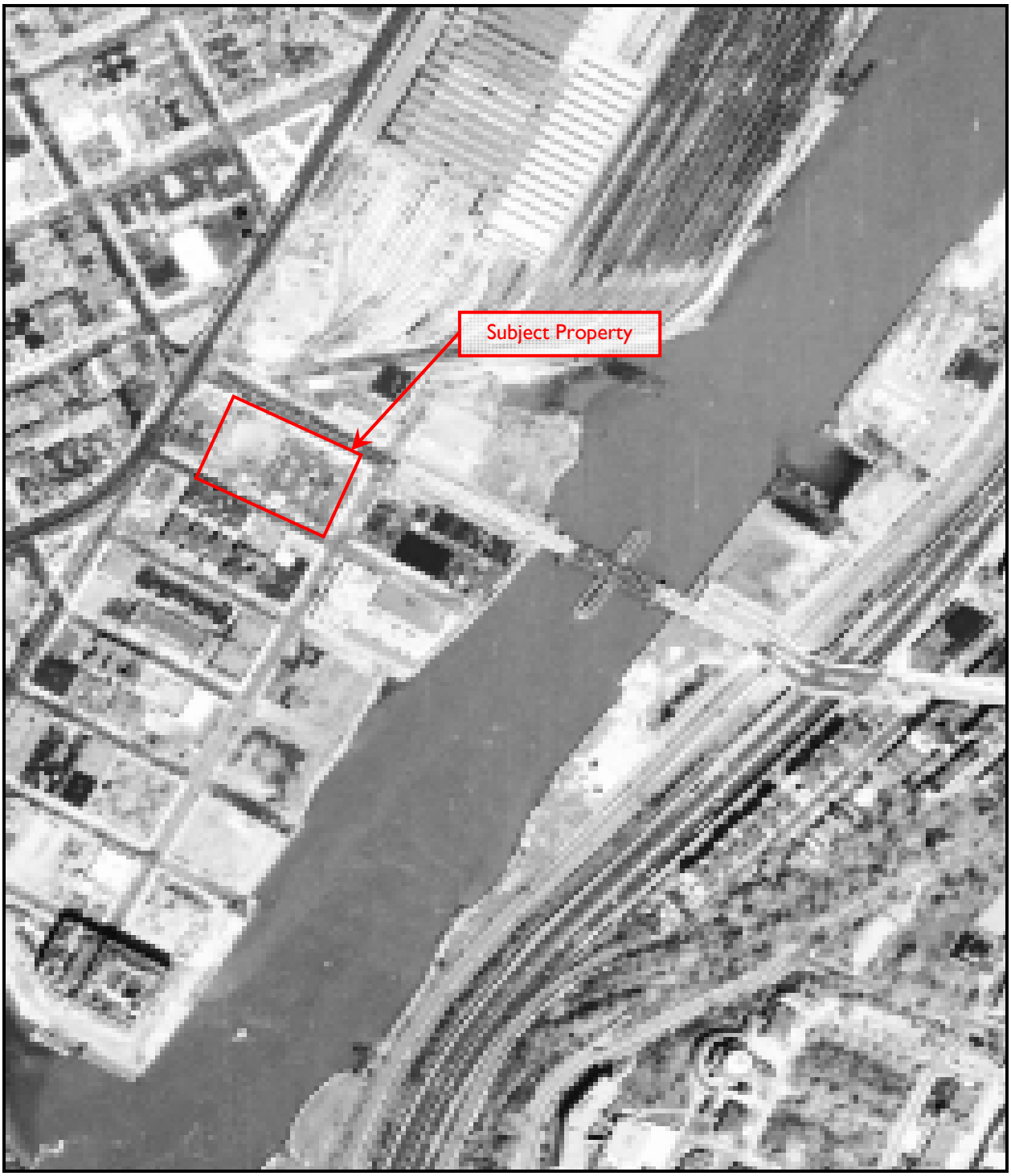


Aerial Photograph

Year: 1966

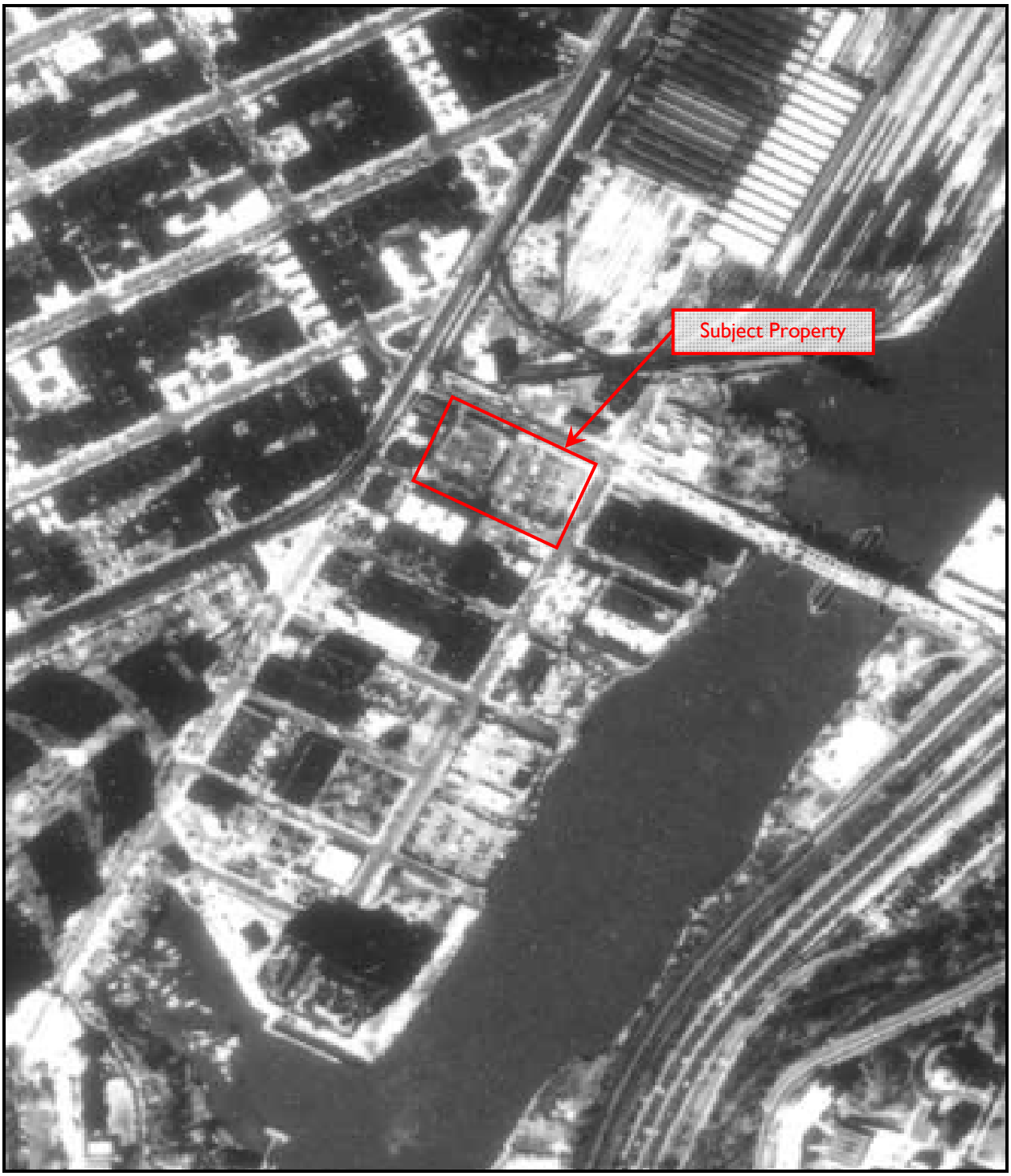
Aerial Photograph

Year: 1975



Aerial Photograph

Year: 1984

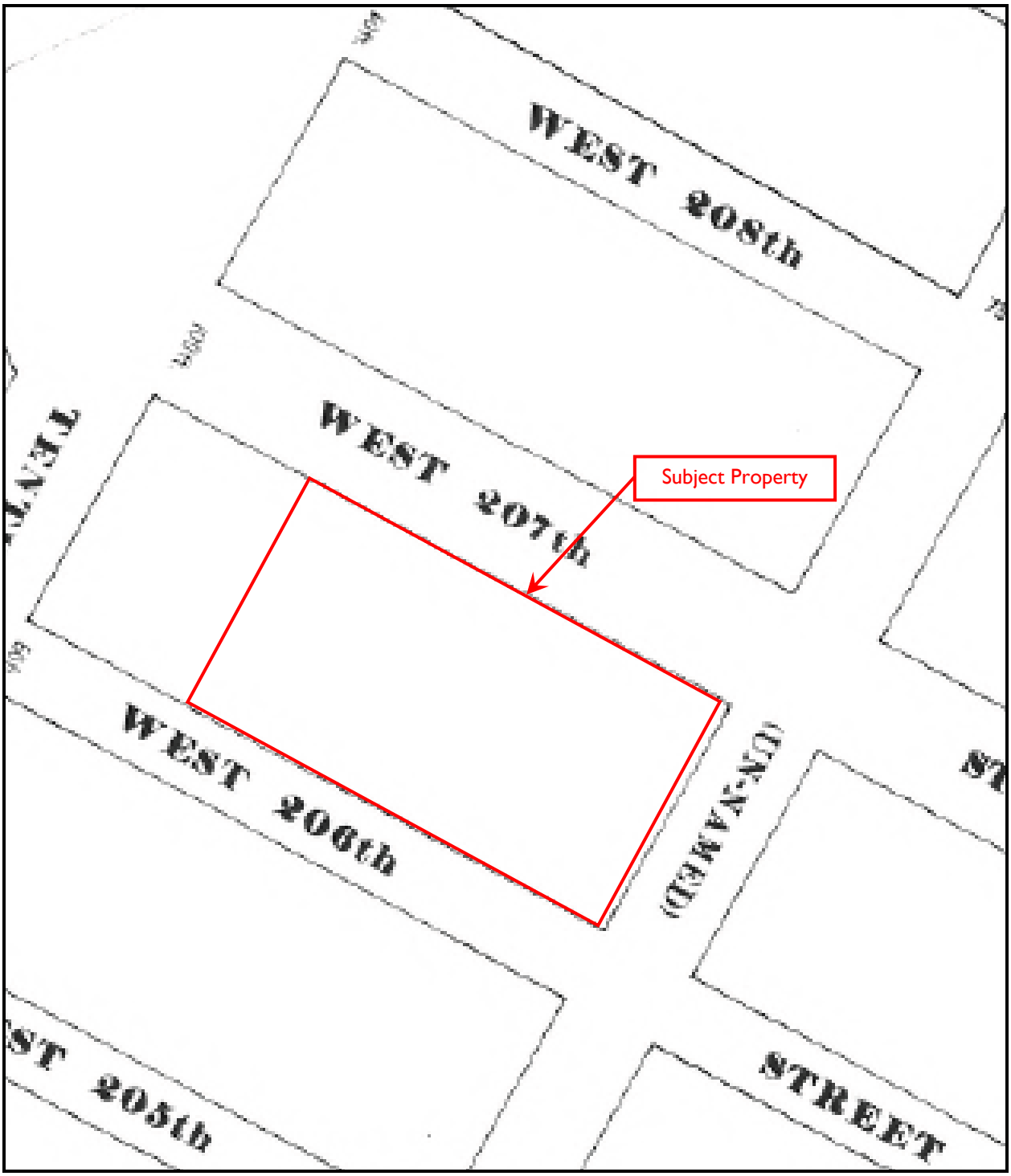


Aerial Photograph

Year: 1994

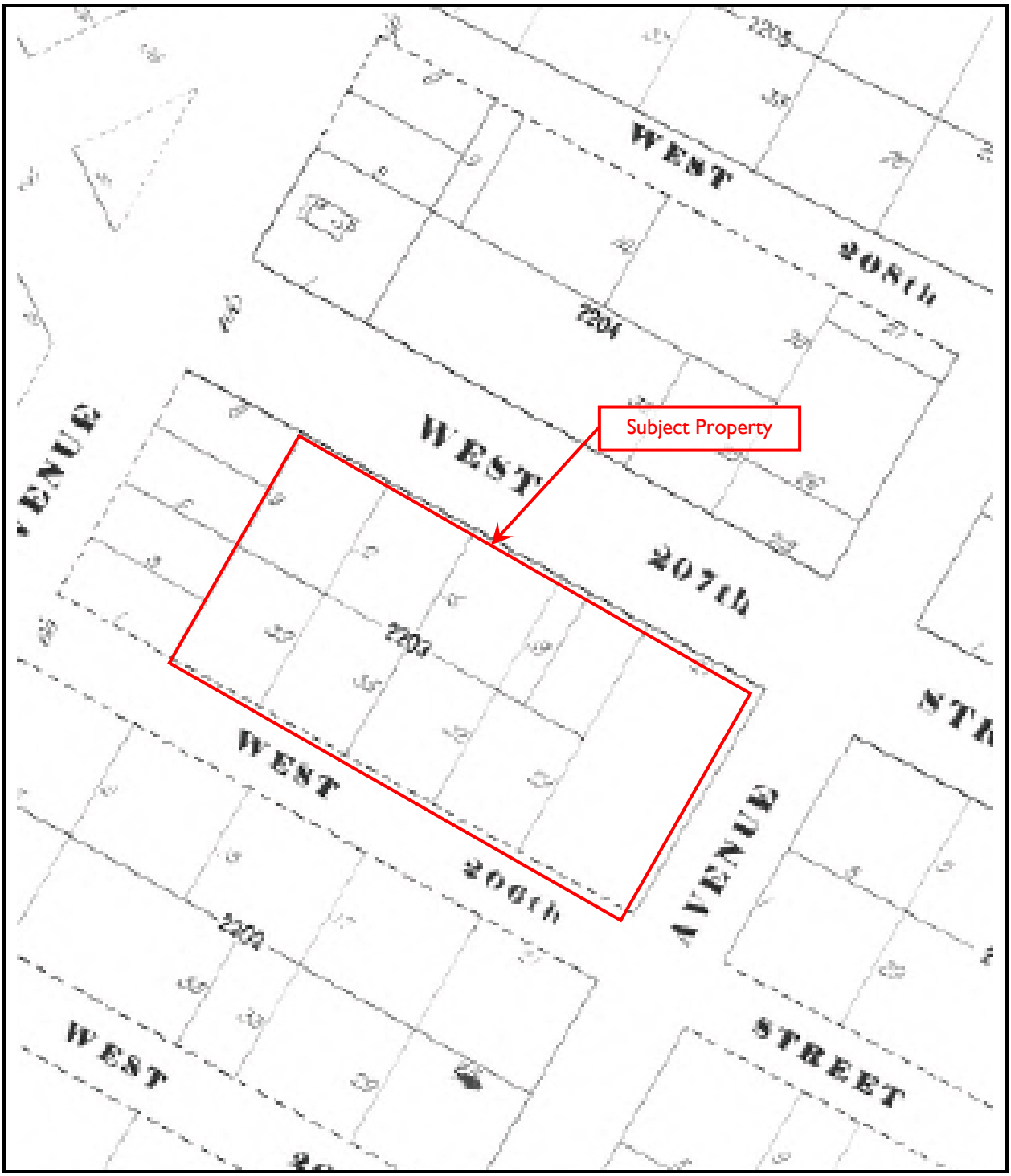
Aerial Photograph

Year: 2006



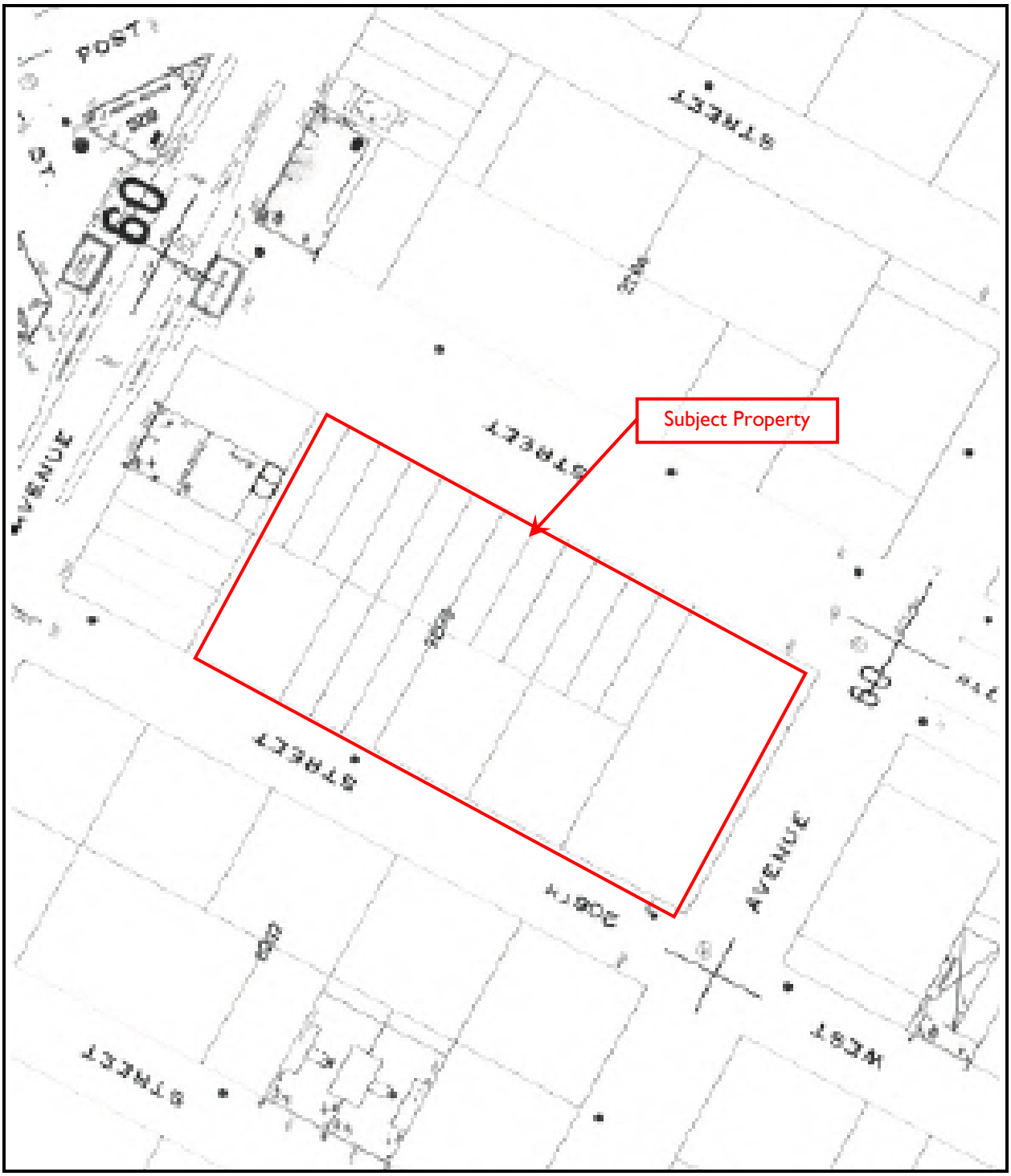
Historic Fire Insurance Map

Year: 1893



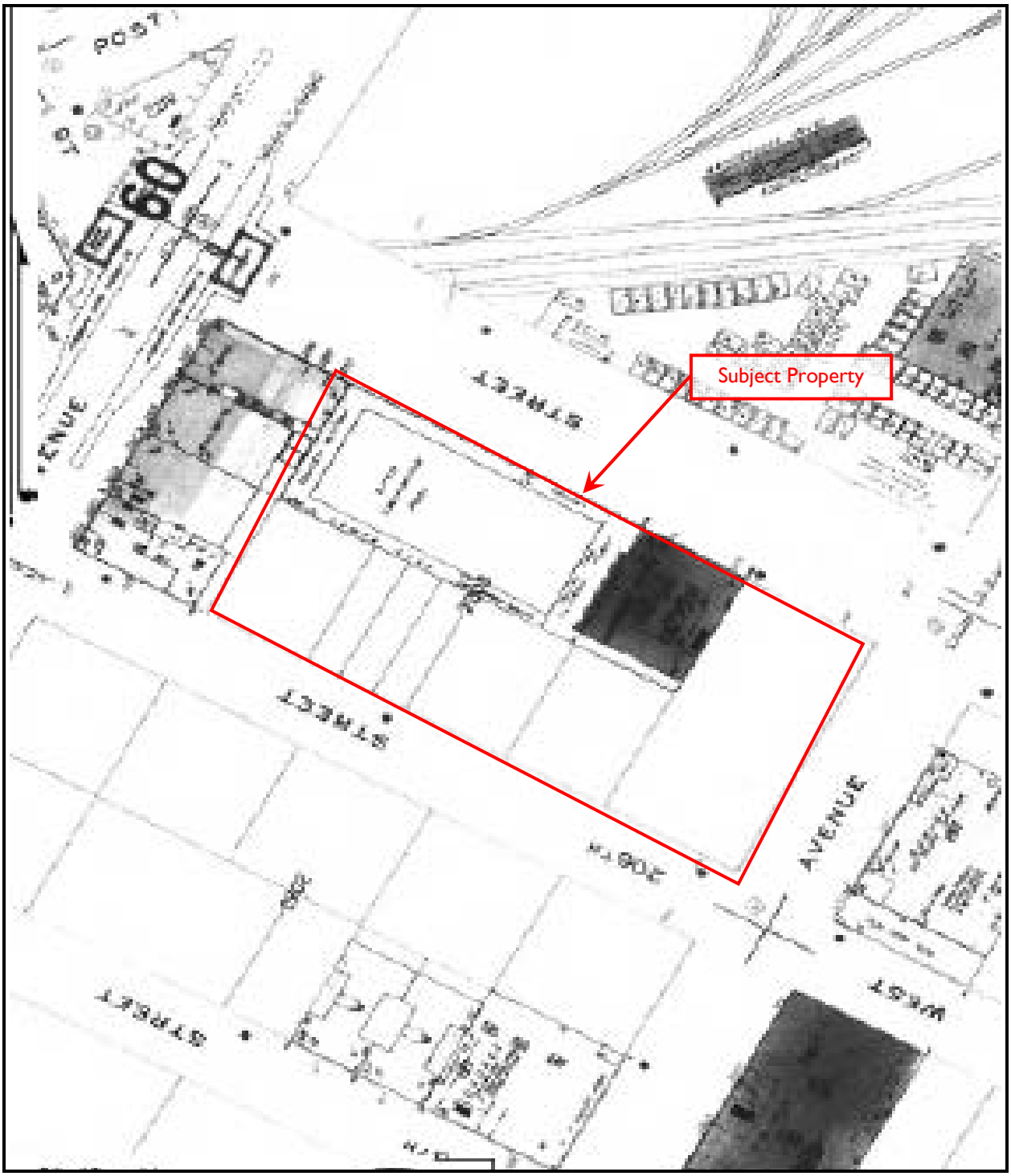
Historic Fire Insurance Map

Year: 1900



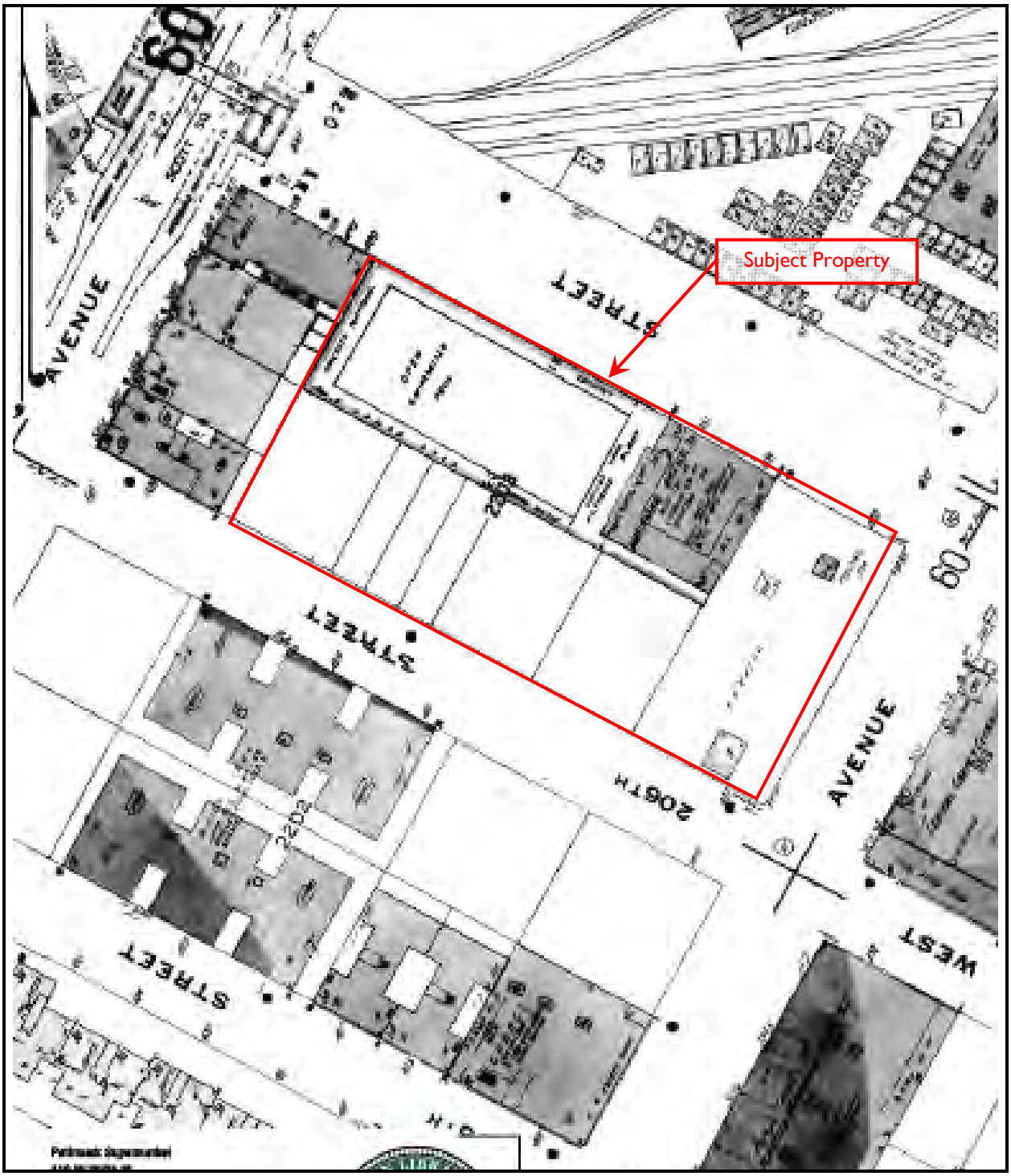
Historic Fire Insurance Map

Year: 1913



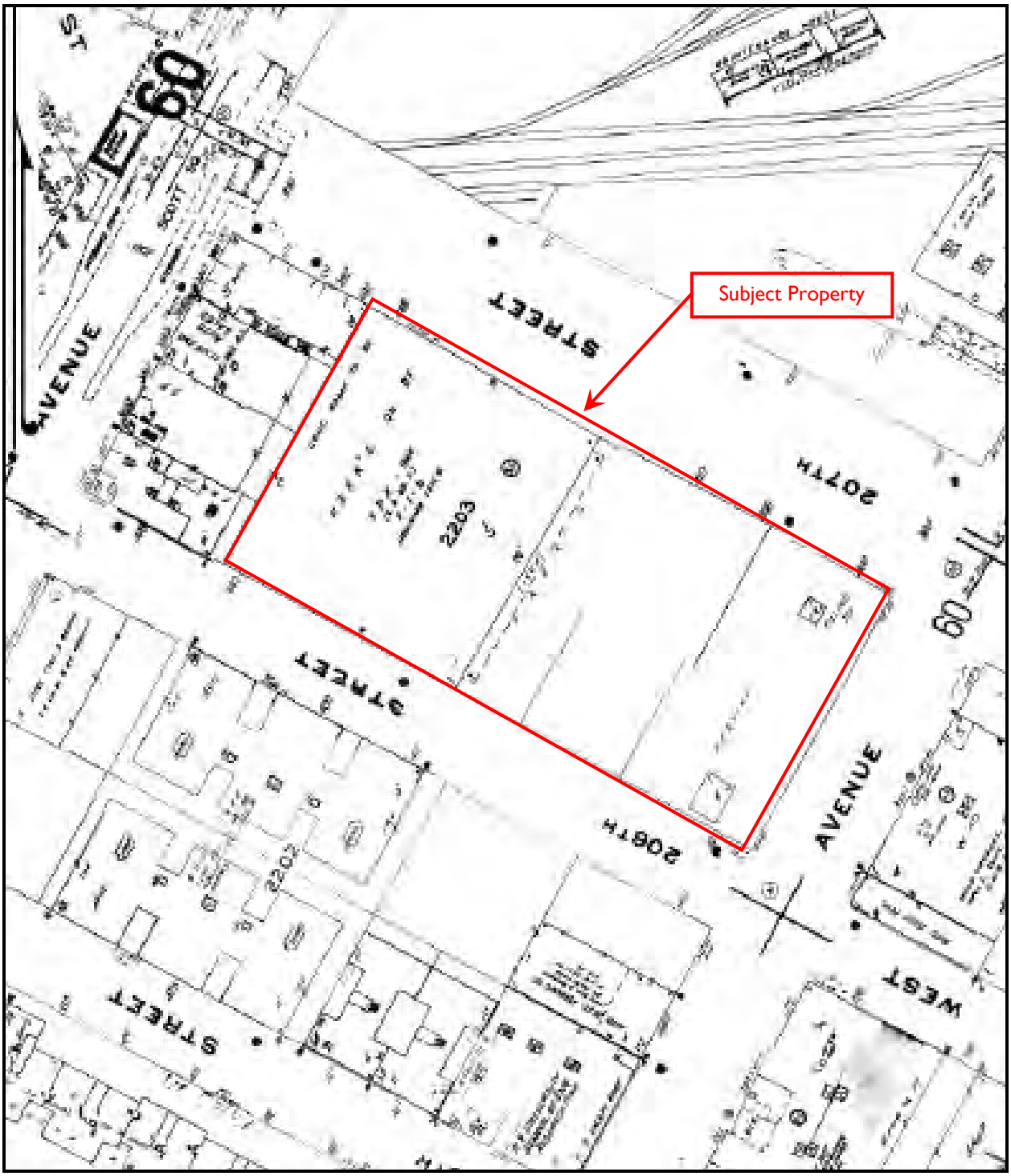
Historic Fire Insurance Map

Year: 1935



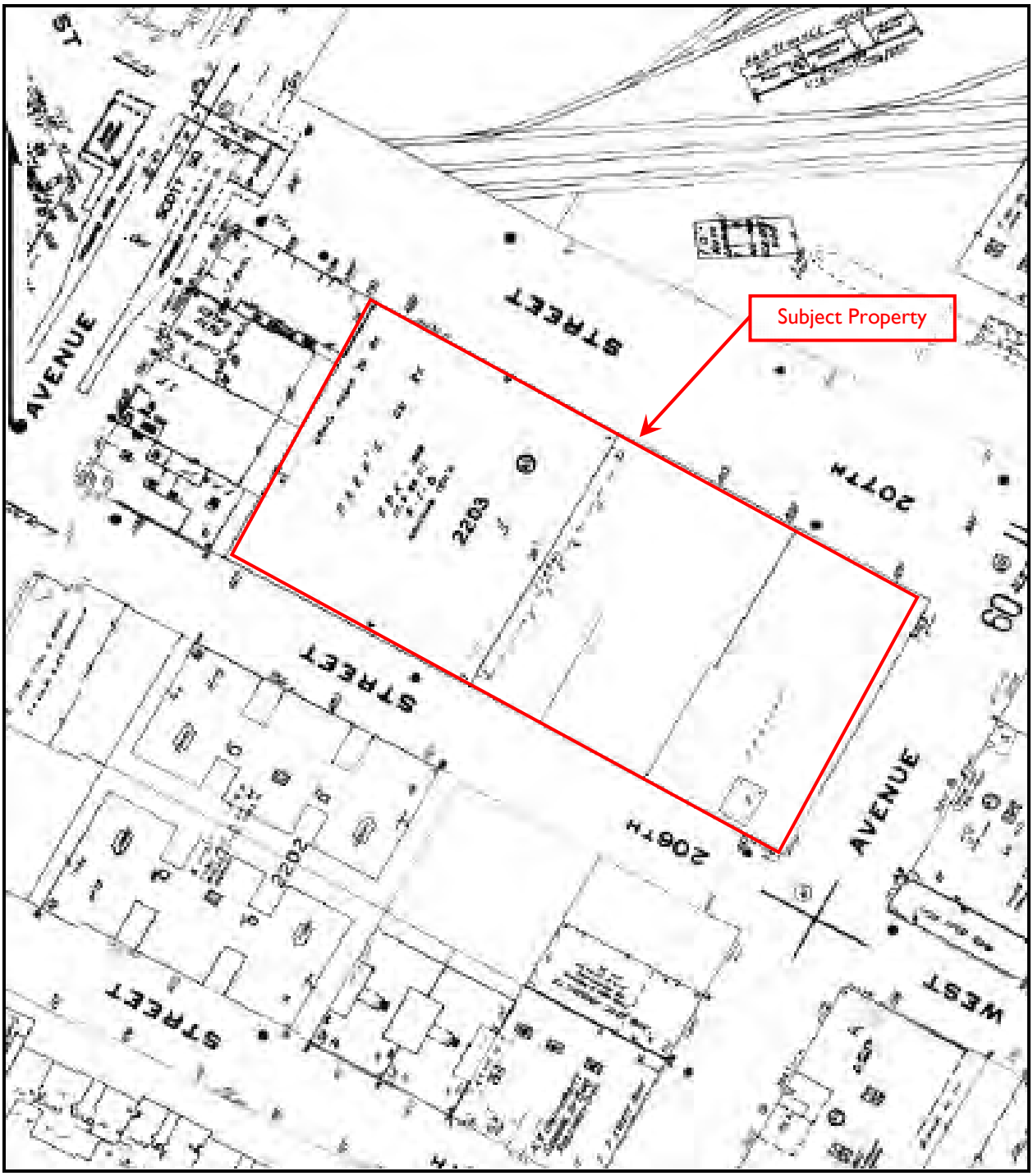
Historic Fire Insurance Map

Year: 1950



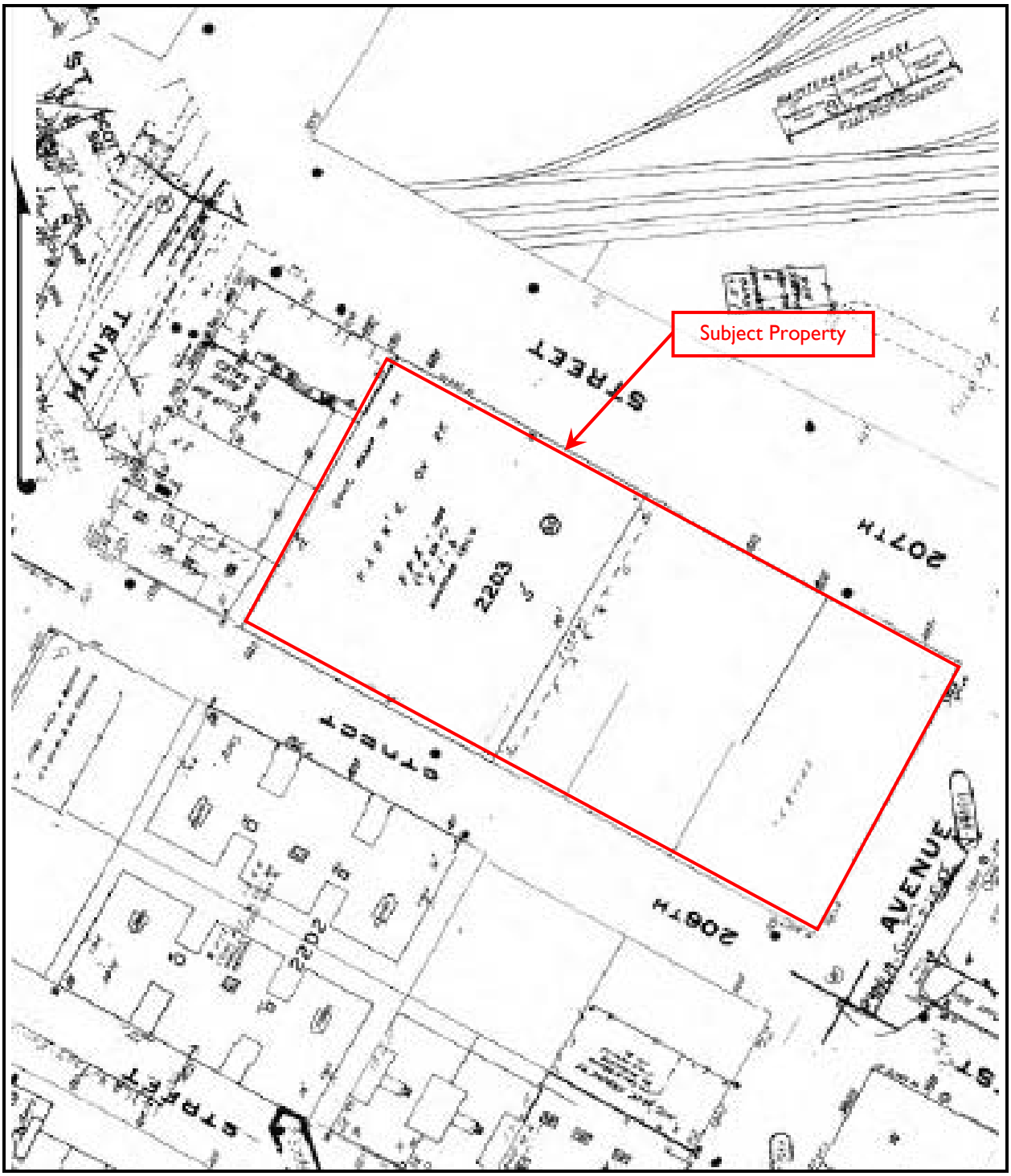
Historic Fire Insurance Map

Year: 1968



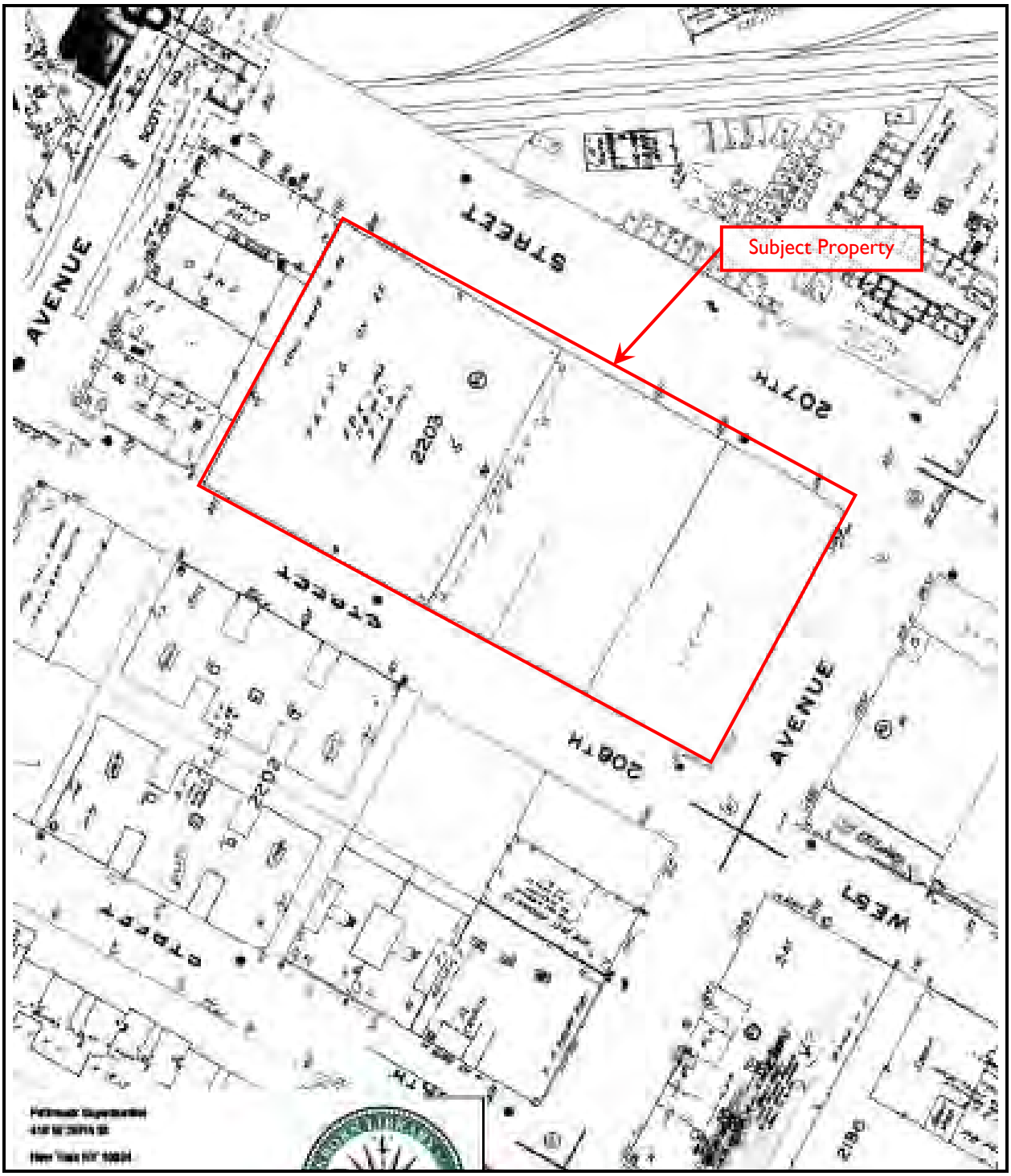
Historic Fire Insurance Map

Year: 1969



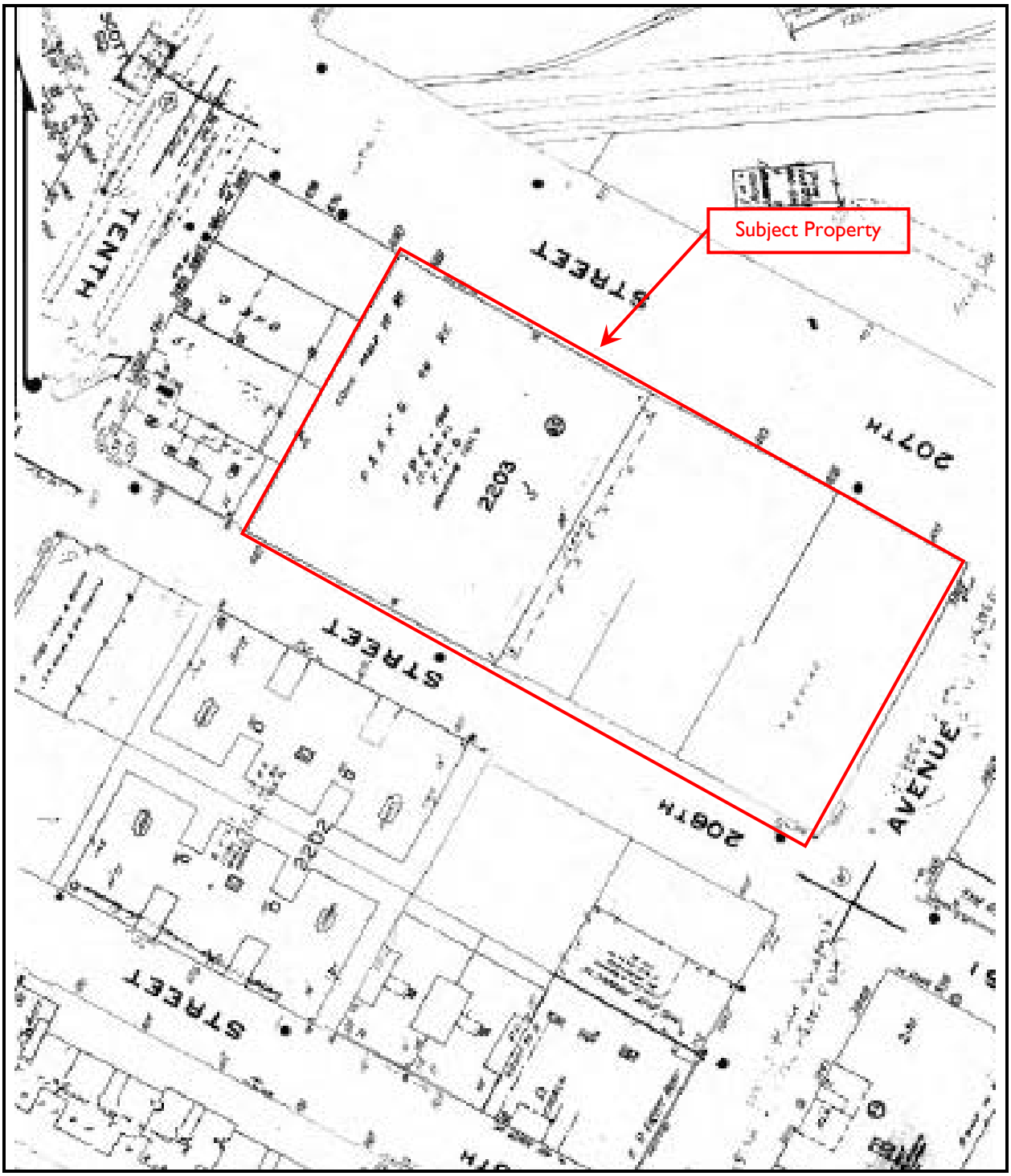
Historic Fire Insurance Map

Year: 1977



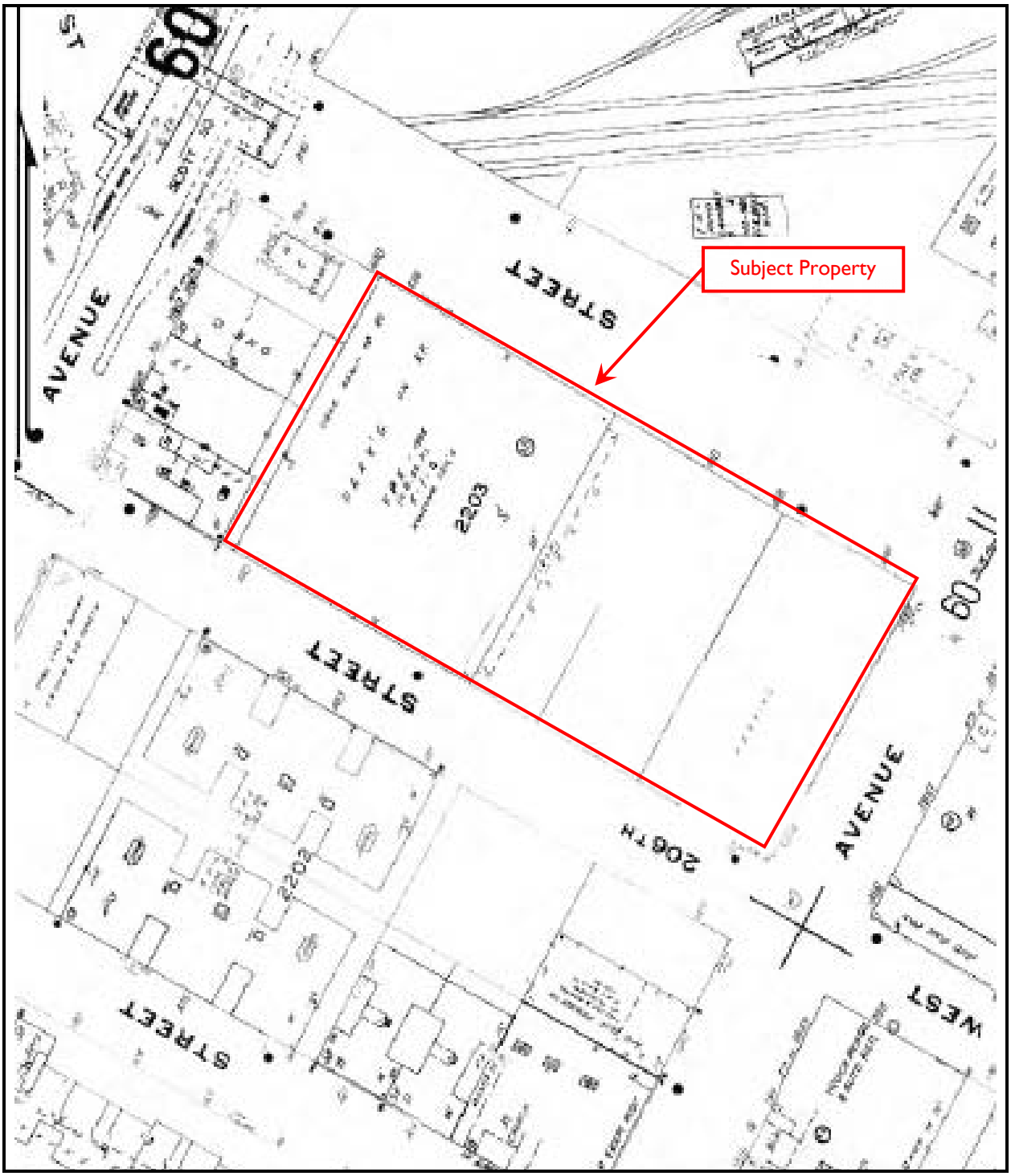
Historic Fire Insurance Map

Year: 1979



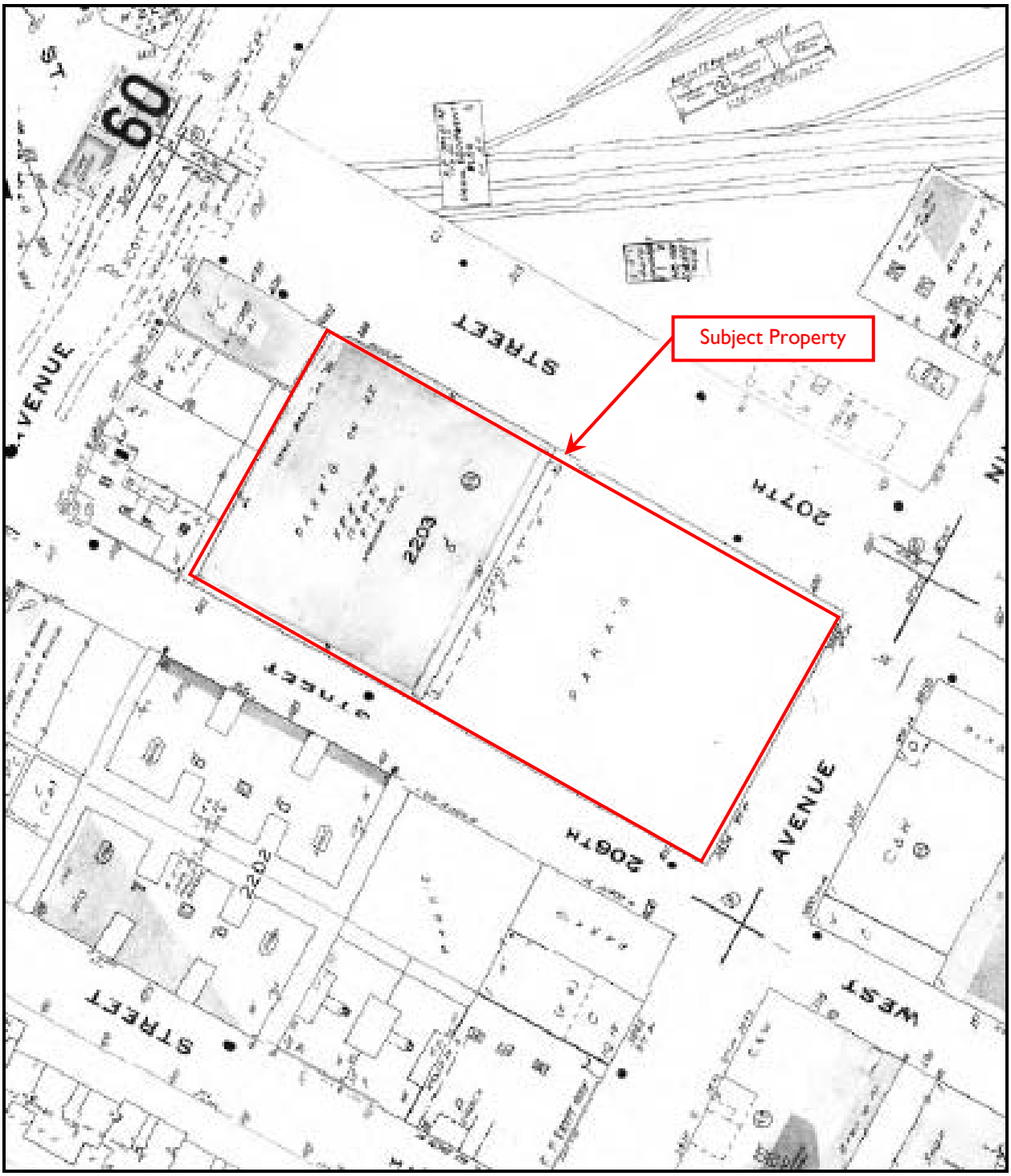
Historic Fire Insurance Map

Year: 1980



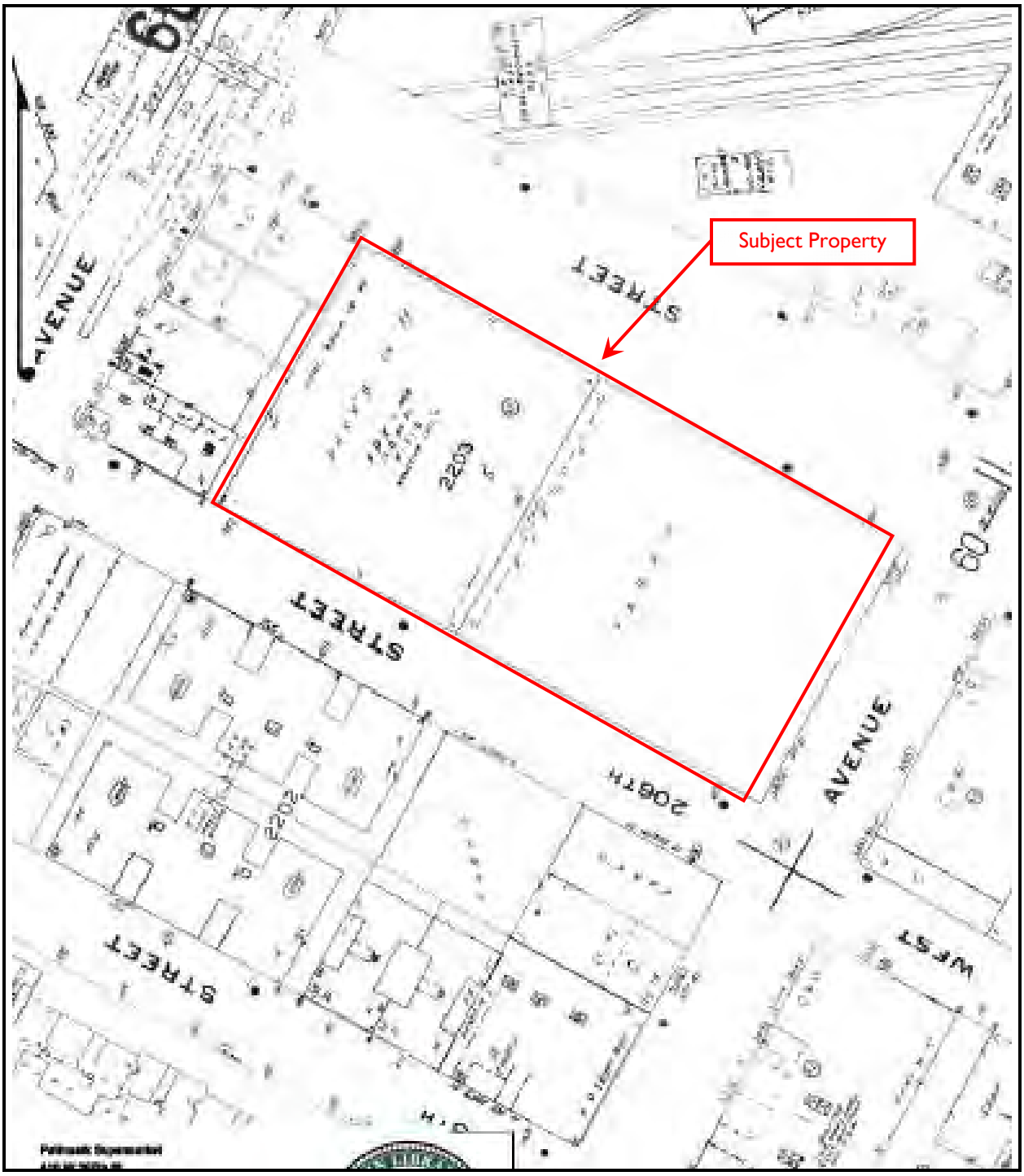
Historic Fire Insurance Map

Year: 1981



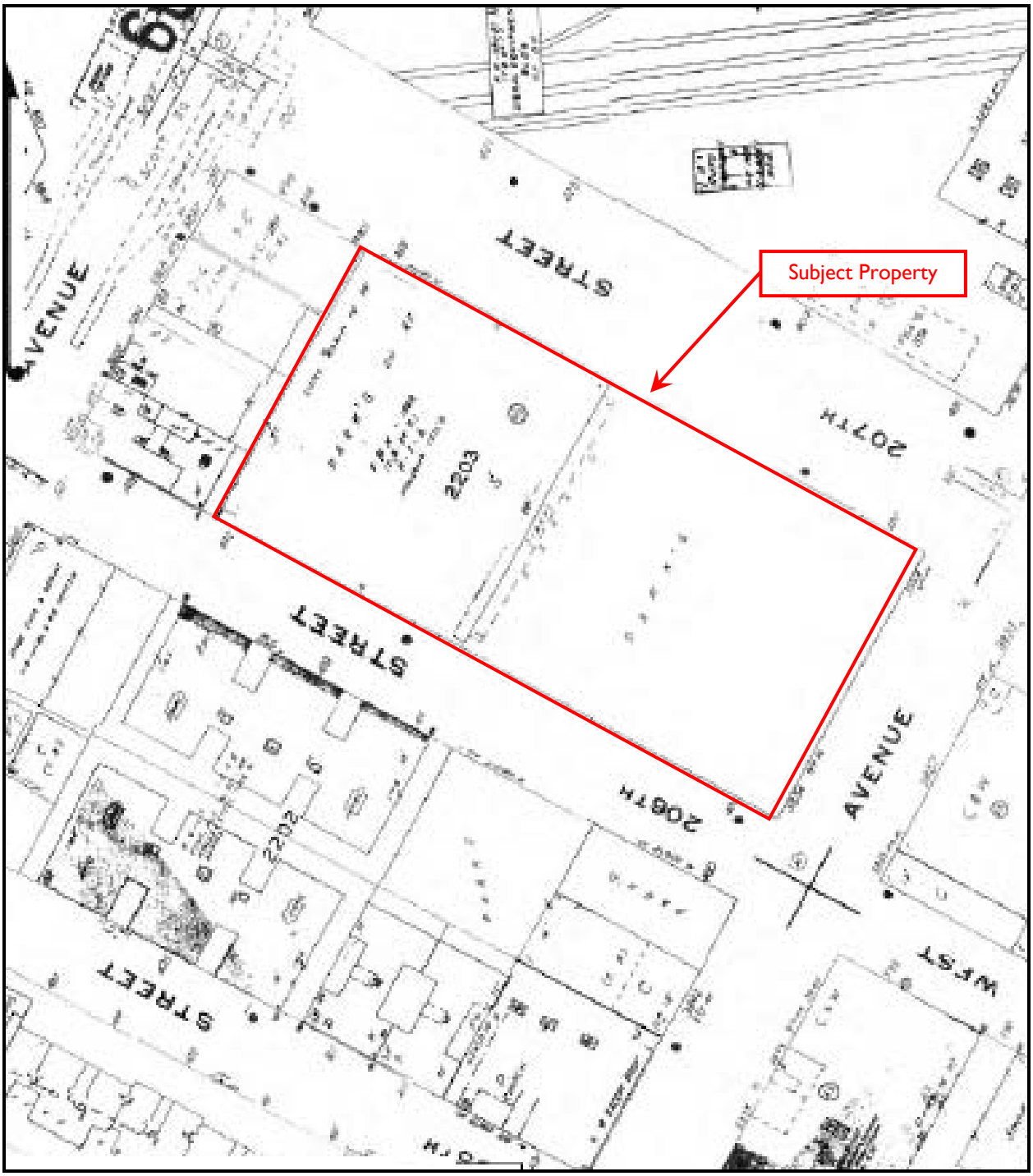
Historic Fire Insurance Map

Year: 1994



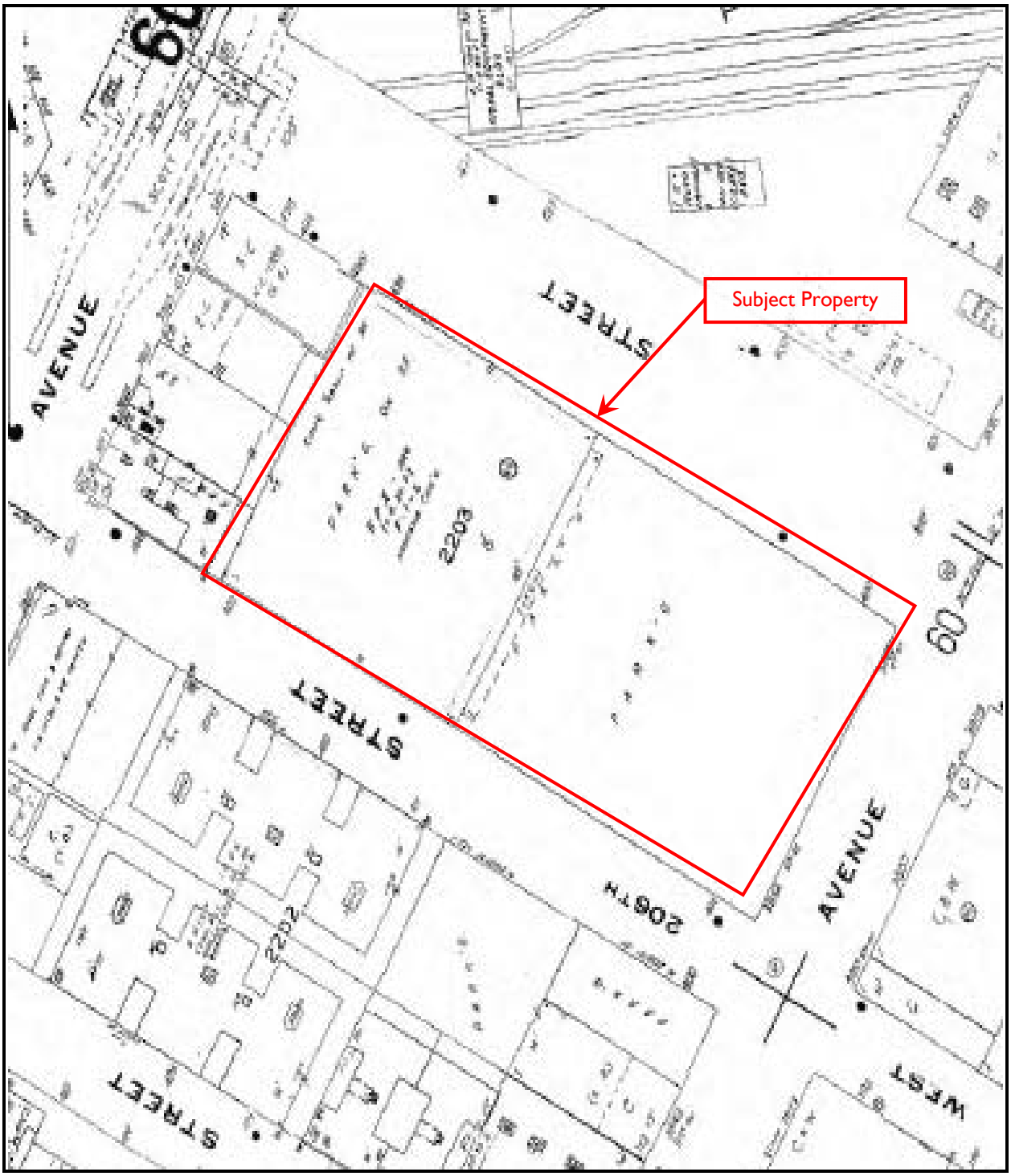
Historic Fire Insurance Map

Year: 1995



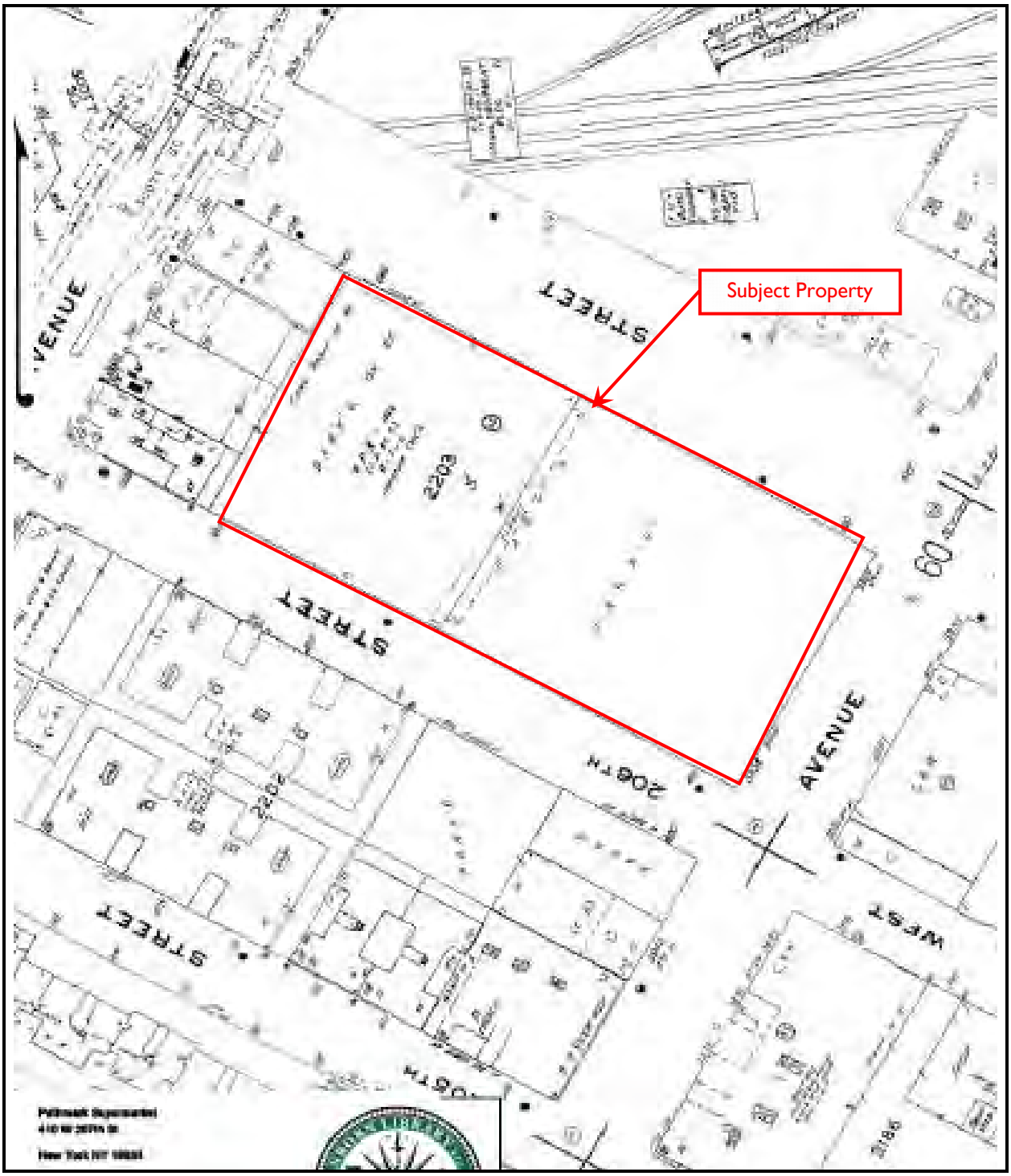
Historic Fire Insurance Map

Year: 1996



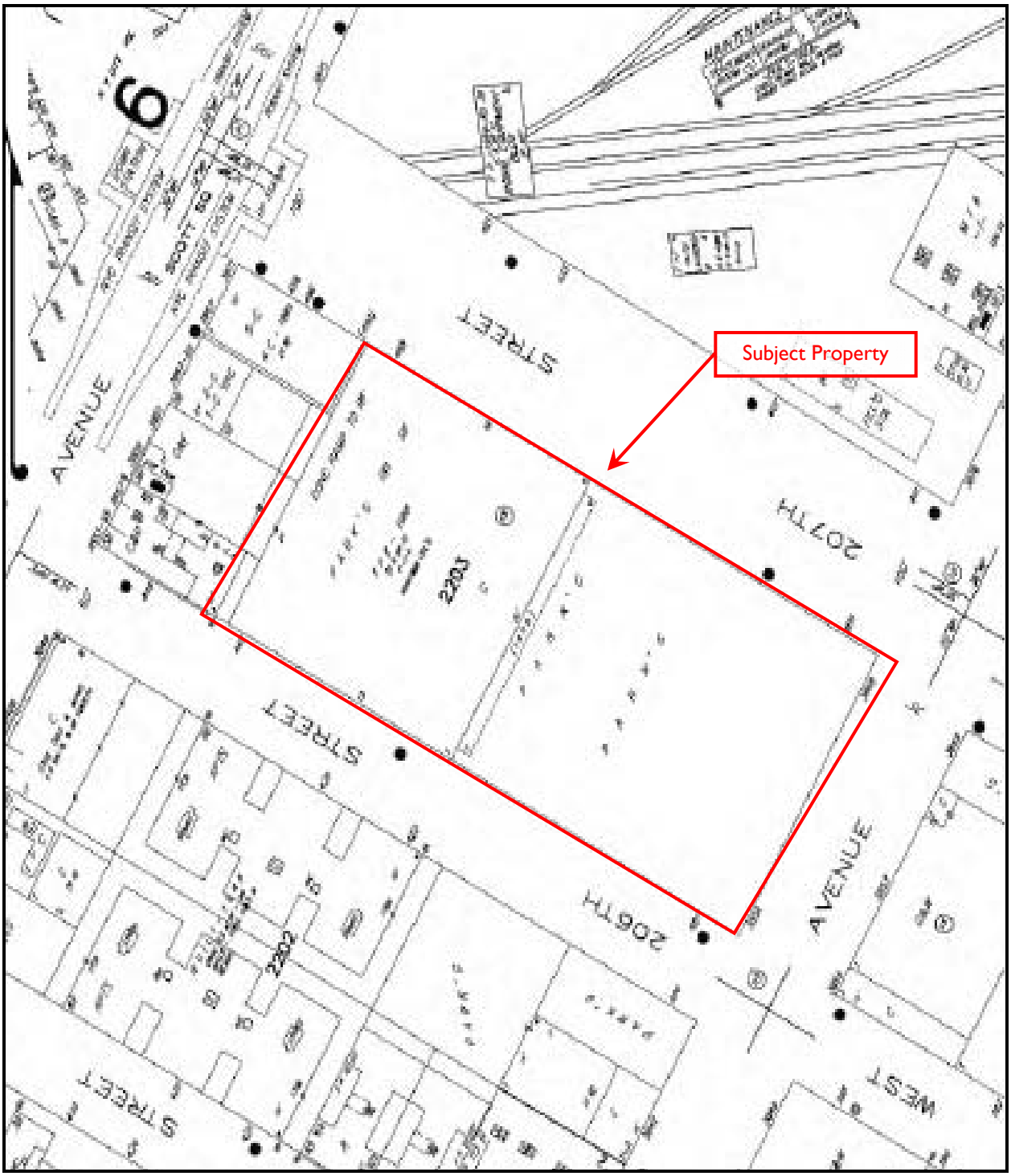
Historic Fire Insurance Map

Year: 2001



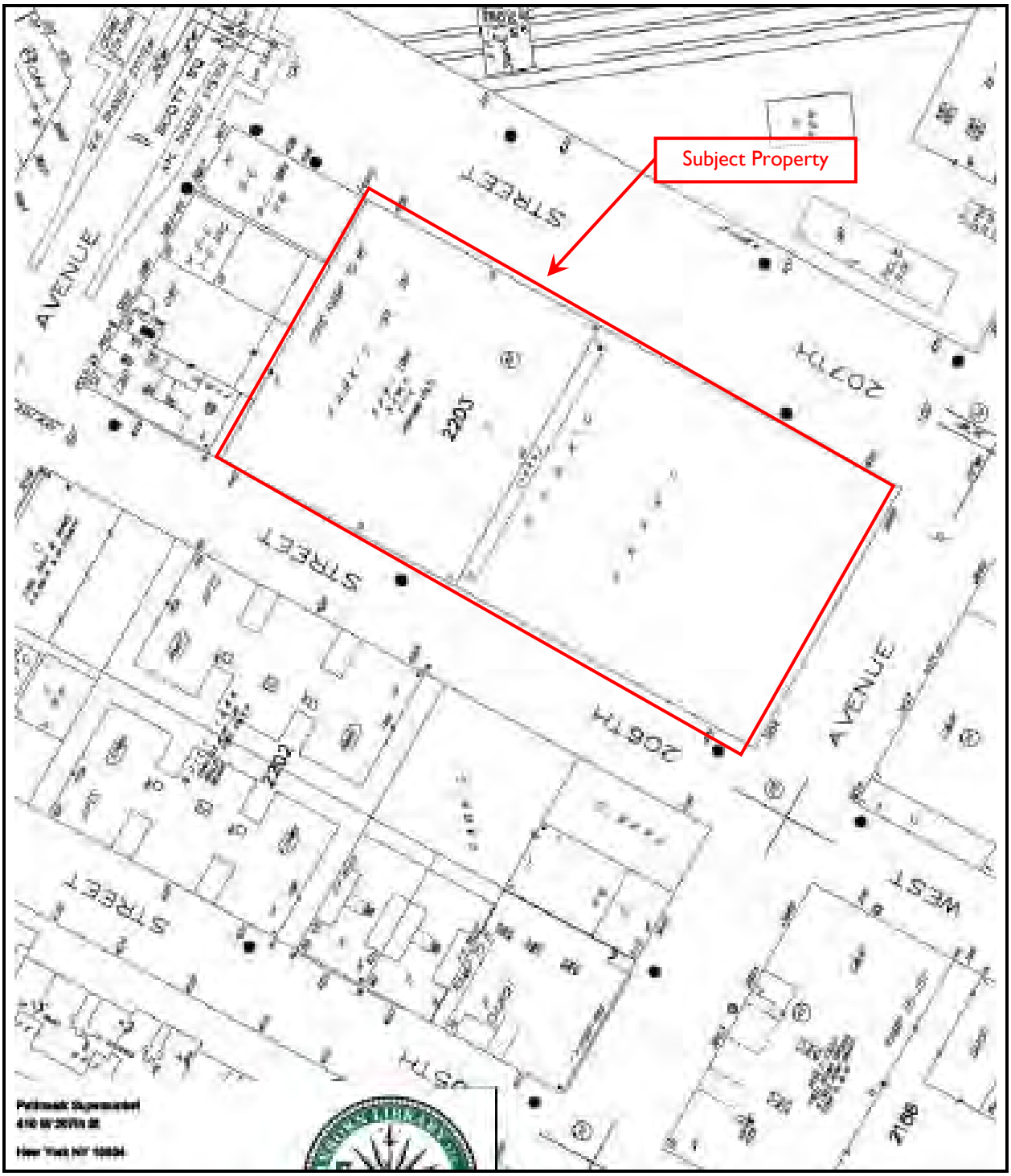
Historic Fire Insurance Map

Year: 2002



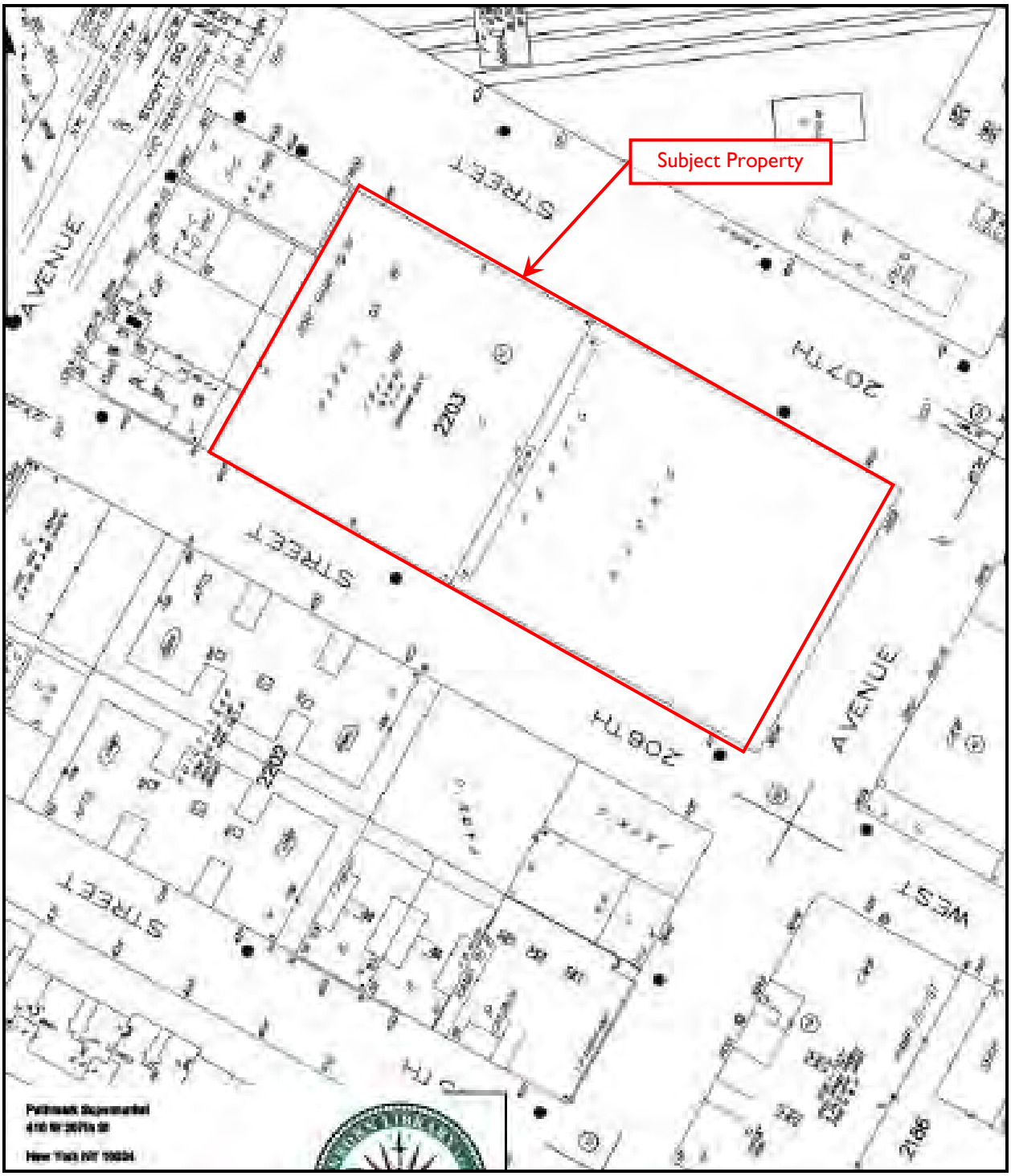
Historic Fire Insurance Map

Year: 2003



Historic Fire Insurance Map

Year: 2004



Historic Fire Insurance Map

Year: 2005

Historic USGS Topographic Map

Year: 1897

Historic USGS Topographic Map

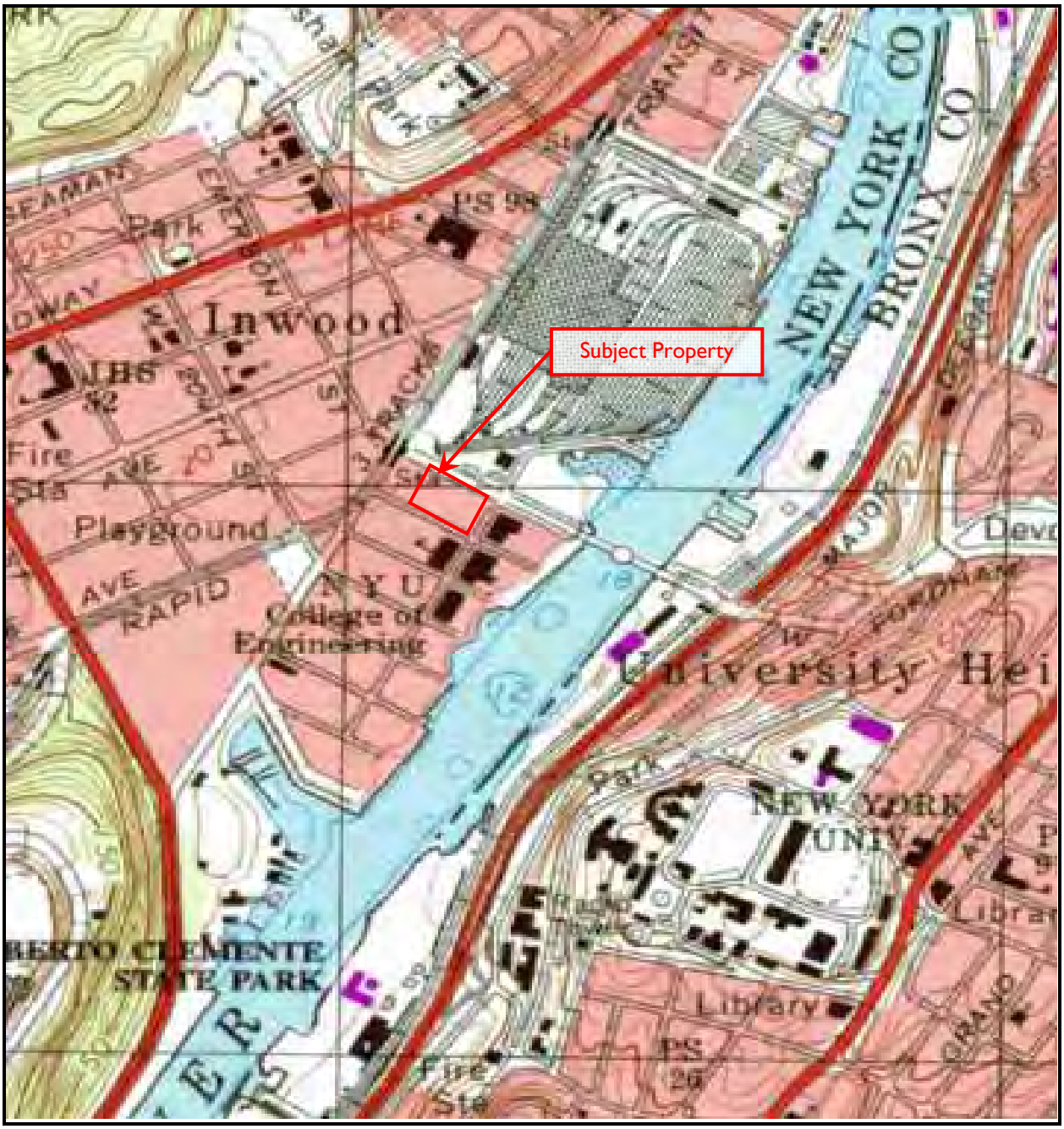
Year: 1947

Historic USGS Topographic Map

Year: 1966

Historic USGS Topographic Map

Year: 1979



Historic USGS Topographic Map

Year: 1995

Pathmark Supermarket
410 W 207th St
New York, NY 10034

Inquiry Number: 2874993.6
September 21, 2010

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.
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with any questions or comments.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.

2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.

3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.

2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.

3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.

4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2006	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1998	NYNEX Telephone	X	X	X	-
1996	NYNEX Telephone	-	-	-	-
1993	NYNEX Telephone	X	X	X	-
1988	NYNEX Telephone	X	X	X	-
1983	New York Telephone	X	X	X	-
1978	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1968	New York Telephone	-	X	X	-
1963	New York Telephone	X	X	X	-
1958	New York Telephone	-	X	X	-
1956	New York Telephone	-	X	X	-
1950	New York Telephone	-	X	X	-
1947	New York Telephone	-	X	X	-
1942	New York Telephone	-	X	X	-
1938	New York Telephone	-	X	X	-
1934	R. L. Polk & Co.	-	-	-	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	-	-	-
1927	New York Telephone	-	X	X	-
1923	R. L. Polk & Co.	-	-	-	-
1920	R. L. Polk & Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

410 W 207th St
New York, NY 10034

FINDINGS DETAIL

Target Property research detail.

Year	Uses	Source
2006	Pathmark	Hill-Donnelly Information Services
2000	PATHMARK OF INWOOD	Cole Information Services
1998	PATHMARK OF INWOOD	NYNEX Telephone
1993	PATHMARK INWOOD	NYNEX Telephone
	PATHMARK OF INWOOD	NYNEX Telephone
1988	PATHMARK INWOOD	NYNEX Telephone
	PATHMARK OF INWOOD	NYNEX Telephone
1983	PATHMARK OF INWOOD	New York Telephone
1978	PATHMARK OF INWOOD	New York Telephone
1973	PATHMARK OF INWOOD	New York Telephone
1963	MIRAMAR SWIMMING POOL	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

9TH AVE

3825 9TH AVE

Year	Uses	Source
1947	COLONIAL PLASTICS INC	New York Telephone

3835 9TH AVE

Year	Uses	Source
2006	J JS Milk Stored Inc	Hill-Donnelly Information Services
	L & D Business Machines	Hill-Donnelly Information Services
	Lebron Electronic Wholesales	Hill-Donnelly Information Services
	Liberate Warehouse	Hill-Donnelly Information Services
	Quiqueya	Hill-Donnelly Information Services
2000	FAST TRUCKING LTD	Cole Information Services
	ALEX TRUCKING	Cole Information Services
	JOSE DELGADO	Cole Information Services
1998	ALEX TRUCKING	NYNEX Telephone
	FAST TRUCKING LTD	NYNEX Telephone
	FELIX JOSE MIGUEL	NYNEX Telephone
1993	VIRGINIA HOME FASHIONS INC	NYNEX Telephone
1983	DAV-L MOT0R CARS REPRS	New York Telephone
	DAV-EL REPR SHOP	New York Telephone
1978	A P C SPORTSWEAR INC	New York Telephone
	A P C SPORTSWEAR INC	New York Telephone
1973	GOLDFARB N0ELTY CO INC	New York Telephone
	NOVELTY IMPRT CO INC	New York Telephone
	SPECIALTY INDUSTRES DIV OF AMTEL INC	New York Telephone
1968	DURA LIGHT IMPORT CORN	New York Telephone
	GOLDFARB NOVELTY CO INC	New York Telephone
1963	DURA LIGHT IMPORT CORP	New York Telephone
	GOLDFARB NOVELTY CO INC	New York Telephone
	NOVELTY IMPORT CO LNC	New York Telephone
1958	DURA LIGHT IMPORT CORP	New York Telephone
	GOLDFARB NOVELTY CO	New York Telephone

FINDINGS

Year	Uses	Source
1958	NOVELTY IMPORT CO INC	New York Telephone
1956	GOLDFARB NOVELTY CO	New York Telephone
	NOVELTY IMPORT CO INC	New York Telephone
1950	AMER AGENCY OF FRENCH VICHY INC	New York Telephone
	COURNAND E L & CO	New York Telephone
	COURNAND E L INC	New York Telephone
	COURNAND EDOUARD L B	New York Telephone
	PLASTICS MOULDING CORP	New York Telephone
	PLYWOOD AIRCRAFT CORP	New York Telephone
	VICHY CELESTINS	New York Telephone
	WINDOW CORP OF AMERICA	New York Telephone
1947	AMER AGENCY OF FRENCH VICHY INC	New York Telephone
	COURNAND E L & CO	New York Telephone
	COURNAND E L INC	New York Telephone
	COURNAND EDOUARD L B	New York Telephone
	PLASTICS MOULDING CORP	New York Telephone
	PLYWOOD AIRCRAFT CORP	New York Telephone
	VICHY CELESTINS	New York Telephone
	WINDOW CORP OF AMERICA	New York Telephone
1942	FAVORITE GARAGE CORP	New York Telephone
1938	LEIGHTON MOTOR SVCE	New York Telephone
	LEIGHTON MOTOR SVCE REPRS	New York Telephone
	PEAT GARAGE	New York Telephone
	STEDMAN C R MOTOR SALES CORP	New York Telephone

3839 9TH AVE

Year	Uses	Source
1963	CROMWELL MDSE CORP	New York Telephone

3840 9TH AVE

Year	Uses	Source
2006	No Current Listing	Hill-Donnelly Information Services
2000	RODRIGUEZ JOSE	Cole Information Services
1998	CLASSICA BRONX DISTRIBUTORS	NYNEX Telephone

3842 9TH AVE

Year	Uses	Source
2006	Contreras Isa	Hill-Donnelly Information Services
	Bobbys Fish & Seafood Rest	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2000	WILLMAR AUTO PRTS	Cole Information Services
	BABBYS FISH & SEAFD	Cole Information Services
1998	CONTRERAS EDWARD	NYNEX Telephone
	WILLMAR AUTO PARTS INC	NYNEX Telephone
1993	AID AUTO STORE	NYNEX Telephone
	BISMARK EL CHE AUTO SHOP	NYNEX Telephone
1988	ACADEMY E 569-611 I	NYNEX Telephone
	L ECTRALINE MFG CORP	NYNEX Telephone
1983	ACADEMY ELECTRCL PRODS CORP	New York Telephone
1978	ACADEMY ELECTRCL PRODS CORP	New York Telephone
1973	ACADEMY ELECTRCL PRODS CORP	New York Telephone
1968	ACADEMY ELECTRCL PRODS CORP	New York Telephone
1963	ACADEMY ELECTICL PRODS CORP	New York Telephone
1958	ACADEMY ELECTRCL PRODS CORP	New York Telephone
1956	ACADEMY ELECTRCL PRODS CORP	New York Telephone

9TH ST

3831 9TH ST

Year	Uses	Source
1993	NATIONAL RUBBER & BACKING CORP MANUFACTURERS RESIN LATEX SOLVENT ADHESIVE	NYNEX Telephone

W 207 ST

400 W 207 ST

Year	Uses	Source
1947	MIRAMAR SWIMMING POOL	New York Telephone

401 W 207 ST

Year	Uses	Source
1998	MERIT CARWASH	NYNEX Telephone
	MERRIT INWARD INC	NYNEX Telephone
1993	MERIT CARWASH	NYNEX Telephone
	MERRNT INWARD INC	NYNEX Telephone
1988	MERRIT INWARD INC	NYNEX Telephone
1983	INWOOD CAR WASH INC	New York Telephone
	MERRIT INWARD INC	New York Telephone
1978	INWOOD CAR WASH INC	New York Telephone

FINDINGS

Year	Uses	Source
1973	INWOOD CAR WASH INC	New York Telephone
1968	SAVEWAY TNWD INC	New York Telephone
1963	PACKES BROS	New York Telephone
	PACKES BROS GAS NSTA	New York Telephone
1958	PACKES BROS GAS STA	New York Telephone
1956	PACKES BROS GAS STA	New York Telephone
1950	PACKES BROS GAS STA	New York Telephone
1947	PACKES BROS GAS STA	New York Telephone
1942	MIRAMAR SVCE STA	New York Telephone
1938	MIRAMAR SVCE STA	New York Telephone

408 W 207 ST

Year	Uses	Source
1958	MIRAMAR SWIMMING POOL	New York Telephone
1956	MIRAMAR SWIMMING POOL	New York Telephone
1950	MIRAMAR SWIMMING POOL	New York Telephone
1942	MIRAMAR SWIMMING POOL	New York Telephone
1938	MIRAMAR SWMMING POOL	New York Telephone
1927	MIRAMAR AMUSEMENT CO	New York Telephone

416 W 207 ST

Year	Uses	Source
1958	ARLES ARTHONY E	New York Telephone

W 207TH

408 W 207TH

Year	Uses	Source
1927	Miramar Amusement Co	New York Telephone

W 207TH ST

401 W 207TH ST

Year	Uses	Source
2006	Card Pro	Hill-Donnelly Information Services
	Merrit Inward Inc	Hill-Donnelly Information Services
2000	MERIT GAS STATIONS	Cole Information Services
	MERRIT INWARD INC	Cole Information Services

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
410 W 207th St	1996, 1968, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
3825 9TH AVE	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1942, 1938, 1934, 1931, 1927, 1923, 1920
3831 9TH ST	2006, 2000, 1998, 1996, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
3835 9TH AVE	1996, 1988, 1934, 1931, 1927, 1923, 1920
3839 9TH AVE	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
3840 9TH AVE	1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
3842 9TH AVE	1996, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
400 W 207 ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1942, 1938, 1934, 1931, 1927, 1923, 1920
401 W 207 ST	2006, 2000, 1996, 1934, 1931, 1927, 1923, 1920
401 W 207TH ST	1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
408 W 207 ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1947, 1934, 1931, 1923, 1920
408 W 207TH	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
416 W 207 ST	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920

APPENDIX G

PORTIONS OF PREVIOUS REPORT

WHITESTONE ASSOCIATES, INC.
ENVIRONMENTAL & GEOTECHNICAL ENGINEERS & CONSULTANTS

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WARREN, NJ 07059
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PRIVILEGED AND CONFIDENTIAL

SUMMARY REPORT OF FINDINGS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

EXISTING PATHMARK SUPERMARKET
410 WEST 207TH STREET
NEW YORK, NEW YORK

Prepared for:

THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.
2 Paragon Drive
Montvale, New Jersey 07645

Prepared by:

WHITESTONE ASSOCIATES, INC.
35 Technology Drive
Warren, New Jersey 07059

Whitestone Project #WJ07-9915
October 4, 2007

Other Office Locations:

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WHITESTONE ASSOCIATES, INC.
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FAX 908.754.5936
www.whitestoneassoc.com

Privileged and Confidential

October 4, 2007

via email and Federal Express

THE GREAT ATLANTIC & PACIFIC TEA COMPANY, INC.
2 Paragon Drive
Montvale, New Jersey 07645

Attention: Mr. Timothy S. Huttleston
Senior Director of Real Estate

Regarding: PHASE I ENVIRONMENTAL SITE ASSESSMENT
EXISTING PATHMARK SUPERMARKET
410 WEST 207TH STREET
NEW YORK, NEW YORK
WHITESTONE PROJECT NO.: WJ07-9915

Dear Mr. Huttleston:

Whitestone Associates, Inc. (Whitestone) is pleased to submit for your review the attached *Summary Report of Findings - Phase I Environmental Site Assessment* for the above-referenced property. Additional pertinent information (if any) received from regulatory agencies pursuant to *Freedom of Information Law* (FOIL) requests will be provided in a supplement to this report.

Please contact us with any questions or comments regarding the enclosed report.

Sincerely,

WHITESTONE ASSOCIATES, INC.

Christopher Seib
Director, Environmental Division

Dustin A. Kapson
Environmental Specialist

CS/jlt L:\JobFolders\2007\079915\REPORTS\9915ESA-NewYork.wpd
Enclosures
Copy: Robert R. Volosin, A&P

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Existing Pathmark Supermarket
410 West 207th Street
New York, New York

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New York, New York

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410 West 207th Street
New York, New York

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New York, New York

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Existing Pathmark Supermarket
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SECTION 1.0
Summary of Findings

Whitestone Associates, Inc. (Whitestone) was retained by The Great Atlantic & Pacific Tea Company, Inc. (A&P) to perform a Phase I Environmental Site Assessment (ESA) of the existing Pathmark supermarket located at 410 West 207th Street, New York, New York (hereinafter referred to as the "site" or the "subject property"). Investigatory activities were completed by Whitestone between September 5, 2007 and October 4, 2007. The site reconnaissance was conducted on September 18, 2007.

This document serves as the Phase I ESA report for this property. Because of the required turn-around time for this project, comprehensive responses to all New York State Department of Environmental Conservation (NYSDEC) and local requests for information pursuant to the *Freedom of Information Law* (FOIL) could not be included in this summary report. Additional pertinent information (if any) received from regulatory agencies pursuant to FOIL requests will be provided upon receipt in a supplement to this report.

Whitestone performed the Phase I ESA of the subject property in conformance with the scope and limitations of the American Society of Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (E1527-05). Any exceptions to or deletions from this practice are described in Sections 2.4 and 8.4 of this report. This assessment has revealed evidence of the following ***recognized environmental conditions*** (RECs) in connection with the subject property:

- According to historical sources reviewed by Whitestone, a gasoline station operated in the northeastern portion of the site from 1947 until 1968. The operations of the former on-site gasoline station are suspected to have included the on-site storage and use of petroleum products, automotive fluids, battery acids, solvents, and/or other hazardous or potentially hazardous materials. Discharges of such materials/wastes may have resulted in adverse impacts to subsurface soil and/or groundwater conditions at the subject site. In addition, underground storage tanks (USTs) utilized by the gasoline station may remain abandoned on site.

- Two elevators are located within the site building. The elevators utilize belowground hydraulic cylinders. Potentially, releases of hydraulic fluid from these cylinders may have adversely impacted subsurface soil and/or groundwater conditions at the site.

These RECs are documented more completely in the pages that follow -- as are recommendations for further evaluation and/or remediation.

SECTION 2.0
Introduction

2.1 PURPOSE

The purpose of this ESA is to provide an appropriate inquiry to the previous and current ownership and uses of the property consistent with the American Society of Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (E1527-05).

2.2 DETAILED SCOPE OF SERVICES

Whitestone's Scope of Services in connection with this ESA included the following components:

- A review of readily-available federal, state, and local records through electronic database searches and *Freedom of Information Law* (FOIL) document requests;
- Obtaining an environmental lien search/chain of title;
- A site reconnaissance;
- Sanborn Fire Insurance Map, aerial photograph, historical topographic map, and City Directory Search evaluation and interpretation;
- Interviews with knowledgeable representatives; and
- Summary report generation.

2.3 SIGNIFICANT ASSUMPTIONS

Whitestone assumes all information provided by the client, public officials, knowledgeable representatives, or others noted in this report to be factual unless otherwise contradicted or documented.

2.4 LIMITATIONS AND EXCEPTIONS

The goal of an ESA is to identify recognized environmental conditions at the subject site. With this in mind, Whitestone seeks to investigate the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release to structures of the property or into the soils, groundwater, or surface water of the property. This assessment includes a discussion of hazardous substances and petroleum products that are present at the property and are in compliance with appropriate regulations governing their storage and use.

This Phase I ESA does not include an extensive evaluation of *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs, however, certain *Business Environmental Risks* (including RECs for which a No Further Action determination has been issued) and *de minimis* conditions as well as recommendations for further action, if appropriate, are summarized in Section 8.1.2 of this Phase I ESA report.

The Phase I ESA is intended to permit the *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner*, or *bona fide prospective purchaser* limitations on CERCLA liability: that is, the practice that constitutes *all appropriate inquiry* into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. 9601(35)(B) and as defined in ASTM Standard Practice E1527-05.

The Pathmark also utilizes basement space located beneath the adjoining apartment building to the west of the subject property. This area which is used for storage reportedly is leased and was not evaluated as part of the subject property.

To date, a title report has not been provided to Whitestone by the user for review.

2.5 SPECIAL TERMS AND CONDITIONS

This Phase I ESA has been conducted in accordance with ASTM E1527-05, and no special terms or conditions have been included in this Phase I ESA report.

2.6 USER RELIANCE

The Great Atlantic & Pacific Tea Company, Inc., its successors, representatives, and/or assigns may rely upon the findings and conclusions of this document. This document was prepared for the sole use of The Great Atlantic & Pacific Tea Company, Inc., its successors, representatives, and assigns, and should not be relied upon by any third party without Whitestone's written consent.

SECTION 3.0
Site Description

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located at 410 West 207th Street, New York, New York, Latitude 40.8641 North, Longitude 73.9181 West. The property is identified further as Block 2203, Lots 9 and 21, and comprises 2.285 acres. The site location is shown in Figures 1 and 2 and illustrated in Appendix 1, Site Photographs.

3.2 SITE VICINITY AND GENERAL CHARACTERISTICS

The subject property currently consists of a Pathmark supermarket and associated parking areas. The site is bound by a Hess gasoline station beyond 207th Street to the north; Beer and Soda Wholesale beyond 9th Avenue to the east; an apartment building and Westside Auto Repair beyond 206th Street to the south; and apartment and retail buildings to the west.

3.3 CURRENT AND PAST USES OF THE PROPERTY

The subject property currently is occupied by a Pathmark supermarket located in the western portion of the property. The eastern portion of the property and the roof of the site building are utilized as parking areas.

According to historical sources reviewed by Whitestone, the site building was constructed in 1968 and has been utilized as a supermarket/grocery store since construction. Prior to the construction of the existing site building, the subject property was occupied by Miramar Baths (bath bouse) from 1926 until at least 1963. Miramar Baths consisted of a three-story structure located in the nortbern portion of the site containing a restaurant, locker rooms and dance hall, and a swimming pool located in the northwestern portion of the site. In addition, a gasoline station had been located in the northeastern portion of the site from 1947 until 1968 and an automobile garage and office had been located in the southeastern portion of the site from 1925 until 1968. Prior to 1926, the subject property was undeveloped.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER SITE IMPROVEMENTS

3.4.1 Existing Structures/Improvements/Roads

The subject property currently houses a one-story, approximately 31,881 square feet (footprint), Pathmark supermarket with basement located in the western portion of the property. The eastern portion of the property and the roof of the site building are utilized as parking areas. A ramp located along the western exterior of the site building provides access to the roof parking. The Pathmark consists of customer service

areas and offices in the eastern portion of the first floor, storage areas, utility rooms and a loading dock in the southwestern portion of the first floor and retail space in the remaining portions of the first floor. A passenger elevator is situated in the western portion of the structure and a freight elevator is situated in the eastern portion of the structure. The basement consists of storage areas, an employee break area, restrooms and utility and compressor areas. The Pathmark also utilizes basement space located beneath the adjoining apartment building to the west of the subject property. This area which is used for storage reportedly is leased and was not evaluated as part of the subject property.

3.4.2 Utilities

The site building currently is serviced by electricity, natural gas, public water and the municipal sanitary sewer system. Underground natural gas, sewer, electric and water lines enter the subject property from 206th Street to the south. A natural gas-fired backup electrical generator is located in the basement. Sanitary sewer lines also enter the northern portion of the site building from 207th Street. Grease traps associated with food preparation activities are situated in the basement of the site building. In addition, stormwater management inlets were observed throughout the eastern portion of the subject site.

3.5 CURRENT AND PAST USES OF ADJOINING PROPERTIES

The properties adjacent to the subject site include:

- a Hess service station beyond 207th Street to the north;
- Beer and Soda Wholesale beyond 9th Avenue to the east;
- an apartment building and Westside Auto Repair beyond 206th Street to the south; and
- apartment and retail buildings to the west.

The area surrounding the subject property historically has consisted of a mix of commercial and residential uses. The subject area has been heavily developed since the 1930's.

SECTION 4.0
User Provided Information

4.1 TITLE RECORDS

To date, a title report has not been provided to Whitestone by the user for review. Information obtained from the title report will be submitted under separate cover upon receipt.

4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Based on information provided by Whitestone's client, collected during the site reconnaissance and a search of readily-available local, state, and federal records, no environmental liens or environmental regulatory enforcement actions appear to have been instituted at the property. A title report for the subject property has not been reviewed by Whitestone to date. The site is not listed as a Superfund lien site (see Appendix 2).

4.3 SPECIALIZED KNOWLEDGE

The Great Atlantic & Pacific Tea Company, Inc. has not made known to Whitestone specialized knowledge or experience concerning recognized environmental conditions at the subject property.

4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No additional information regarding the subject property has been provided by Whitestone's client.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ASSESSMENTS

No evidence has been made available to Whitestone that the purchase price of the subject property is significantly less than the purchase price of comparable properties.

4.6 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

Owner: Pathmark Stores, Inc.
200 Milik Street
Carteret, New Jersey 07008

Property Manager: Pathmark Stores, Inc.
Howard, Store Manager
410 West 207th Street
New York, New York

Occupant: Pathmark Supermarket

4.7 REASON FOR PERFORMING PHASE I ESA

The purpose of this ESA is to provide an appropriate inquiry to the previous and current ownership and uses of the property consistent with ASTM E1527-05 with the understanding that the subject property is to be purchased by Whitestone's client.

4.8 OTHER

No additional information pertinent to environmental matters at the subject property has been provided by Whitestone's client.

SECTION 5.0
Records Review

In support of this Phase I ESA, Whitestone conducted a search of readily-available federal, state, and local public records to document, among other items, current and past site ownership and usage, and evidence (if any) of past or pending environmental corrective or enforcement actions at the property or nearby locations. To accomplish this, Whitestone received a chain of title report or title search, obtained a database records search, submitted *Freedom of Information Law* (FOIL) requests for pertinent data, and/or interviewed knowledgeable representatives.

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Whitestone utilized the services of Environmental Data Resources, Inc. (EDR) to conduct an electronic search of the federal, state, local, and tribal databases listed below (see Appendix 2). This search revealed that the subject property was not identified on the following databases:

1. **Federal NPL Site List.** The National Priorities List (NPL), also known as the Superfund List, is USEPA's listing of uncontrolled or abandoned CERCLA hazardons waste sites. The database search and radius profile revealed no NPL sites located within one mile of the property.

2. **Proposed Federal NPL Site List.** Sites that are proposed to be listed on the NPL. The database search and radius profile revealed no proposed NPL sites located within one mile of the property.

3. **Delisted Federal NPL Site List.** NPL sites that have been or may be deleted from the NPL where no further response is appropriate. The database search and radius profile revealed no delisted NPL sites located within one mile of the property.

4. **The Federal Superfund Liens.** This list identifies properties that USEPA has the authority to file liens against in order to recover remedial action expenditures, or when the property owner receives notification of potential responsible party status. USEPA compiles a listing of filed notices of Superfund liens. The subject property is not listed as an NPL Liens site.

5. **Federal CERCLIS List.** The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of known or suspected uncontrolled or abandoned hazardons waste sites that USEPA has investigated or is investigating for the release or threatened release of hazardous substances pursuant to CERCLA. No CERCLIS sites are present within a 0.5 mile radius of the property.

6. **Federal CERCLIS NFRAP Site List.** CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL,

or the contamination was not serious enough to require Federal Superfund action or NPL consideration. The subject property is not a CERCLIS NFRAP site. No CERCLIS NFRAP sites are located within a 0.5 mile radius of the subject property.

7. **Federal RCRA CORRACTS Facility List.** The Corrective Action Report (CORRACTS) identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity. The database search identified no CORRACTS sites within a one mile radius of the property.

8. **Federal RCRA Non-CORRACTS TSD Facilities List.** The Resource Conservation and Recovery System (RCRIS) Treatment, Storage and Disposal (TSD) Facilities report contains information pertaining to permitted facilities which treat, store, or dispose of hazardous wastes. This report includes information traced by the RCRA Administrative Action Tracking System (RAATS). The radius revealed no RCRIS TSD sites or RAATS sites within a 0.5 mile radius of the property.

9. **Federal RCRA Large Quantity Generator (LQG) List.** The RCRIS LQG report contains information pertaining to facilities that generate more than 1,000 kg per month of RCRA hazardous waste or meet other applicable requirements of RCRA. The radius profile revealed three RCRIS LQG sites within a 0.25 mile radius of the property. The facility nearest the subject property is identified as New York City Transit Authority located at 3884 9th Avenue, New York, New York, approximately 0.05 mile east of the subject site. No RCRA spills or violations have been reported for this facility. However, impacts to the subject property from this site may be possible due to its close proximity to the property. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

10. **Federal RCRA Small Quantity Generators (SQG) List.** The RCRIS SQG report contains information pertaining to facilities which either generate between 100 kg and 1,000 kg per month of RCRA hazardous waste or meet other applicable requirements of RCRA. The radius profile revealed 11 RCRIS SQG sites within a 0.25 mile radius of the property. The site nearest the subject property is identified as Post Cleaners located at 131 Post Avenue, New York, New York, approximately 0.1 mile northwest of the subject site. No RCRA spills or violations have been reported for this facility. However, impacts to the subject property from this site may be possible due to its close proximity to the property. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

11. **Federal ERNS List.** The Emergency Response Notification System (ERNS) is a national computer database that stores information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment during the previous reporting year. No releases were reported by ERNS within a 0.05 mile radius of the property during this period.

12. **Hazardous Materials Information Reporting System.** HMIRS contains hazardous material spill incident information as reported to the Department of Transportation. The subject property is not listed as a HMIRS facility.

13. **Engineering Control Sites List.** 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. The radius profile revealed no Engineering Control sites within a 0.5 mile radius of the property.

14. **Institutional Control Sites List.** 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. The radius profile revealed no Institutional Control sites within a 0.5 mile radius of the property.

15. **Department of Defense Sites.** Department of Defense (DOD) sites consist of federally-owned or administered lands in the United States, Puerto Rico, and the U.S. Virgin Islands that have any area equal to or greater than 640 acres. The radius profile revealed no DOD sites within a one mile radius of the property.

16. **Formerly Used Defense Sites.** This listing includes locations of FUDS properties where the U.S. Army Corps of Engineers is actively working or will take necessary cleanup actions. The radius profile revealed no FUDS sites within a one mile radius of the property.

17. **U.S. Brownfields.** Under the U.S. Brownfields program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. The radius profile revealed no U.S. Brownfields sites within a 0.5 mile radius of the property.

18. **Superfund (CERCLA) Consent Decrees.** Legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites are often memorialized in Consent Decrees. No Consent Decrees are reported for sites within a one mile radius of the property.

19. **Records of Decision.** ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup. No RODs are in effect for sites within a one mile radius of the property.

20. **Uranium Mill Tailings Sites (UMTRA).** 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 had been extracted from the ore. Human exposures 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. The radius profile revealed no UMTRA sites within a 0.5 mile radius of the property.

21. **Open Dump Inventory Sites.** An "open dump" is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 RCRA Subtitle D Criteria. The radius profile revealed no ODI sites within a 0.5 mile radius of the property.

22. **Toxic Chemical Release Inventory System.** TRIS identifies facilities that are permitted to release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The subject property is not listed as a TRIS facility.

23. **Toxic Substances Control Act.** TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory List, including data on the production volume of these substances by plant site. The subject property is not listed as a TSCA site.

24. **FIFRA/TSCA Tracking System.** FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA (Federal Insecticide, Fungicide & Rodenticide) and TSCA. The subject property is not listed as a FTTS site.

25. **Section Seven Tracking System.** Section 7 of FIFRA requires all registered pesticide-producing establishments to submit a report to the USEPA by March 1 of 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. The subject property is not listed as a SSTS site.

26. **Integrated Compliance Information System.** The 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. The subject property is not listed as a ICIS site.

27. **PCB Activity Database System.** PADS identifies generators, transporters, commercial storage facilities and/or brokers, and disposers of PCBs who are required to notify USEPA of such activities. The subject property is not listed as a PADS site.

28. **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. The MLTS list was last updated on April 5, 2007. The subject property is not listed as a MLTS site.

29. **MINES Master Index File.** This list contains all mine identification numbers and violations issued for mines active or opened since 1971. The subject property is not listed as a MINES site.

30. **Facility Index System.** FINDS contains both facility information and "pointers" to other sources that contain more detail. These include RCRIS; the permit compliance system (PCS); the Aerometric Information Retrieval System (AIRS); the FIFRA and TSCA Enforcement System (FATES); the FIFRA/TSCA Tracking System (FTTS); CERCLIS; DOCKET (enforcement docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); the Federal Underground Injection Control and Federal Reporting Data System; Surface Impoundments; TSCA Chemical and Commerce Information System; RCRA-J (Medical Waste Transporters/Disposers); TRIS, and TSCA. The subject property is not identified on the FINDS database.

31. **State-Equivalent NPL and CERCLIS Sites.** The State Hazardous Waste Site (SHWS) records are the State's 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 (PRPs). No SHWS sites are located within a one mile radius of the property.

32. **Delisted SHWS.** A database list of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites. The radius profile revealed no Delisted SHWS sites within a one mile radius of the property.

33. **State Solid Waste Facilities/Landfill Sites.** The SWF/LS List is a listing of all active and inactive permitted waste disposal sites and processing facilities located in New York. No SWF/LS sites are located within a 0.5 mile radius of the property.

34. **SWRCY Recycling Facilities.** A database of recycling facilities in the State of New York. The radius profile revealed no SWRCY sites within a 0.5 mile radius of the property.

35. **State Leaking Storage Tank List.** The LTANK list is a comprehensive listing of all ***reported*** leaking USTs and ASTs in the State of New York. A total of 57 LTANK sites have been reported within a 0.5 mile radius of the property. The LTANK sites nearest the subject property include:

LTANK Site	Address	Release Date & Tank Description	Case Status
Business	513 West 207th Street New York, New York	September 29, 2005 Fuel Oil	Case Closed on March 15, 2006
Commercial Building	513 West 207th Street New York, New York	November 8, 2005 Fuel Oil	Case Closed on August 16, 2006
Ramiero	3852-6 10th Avenue New York, New York	December 27, 1991 Fuel Oil	Case Closed on December 31, 1991
101-109 Post Avenue Site	101-109 Post Avenue New York, New York	February 6, 1989 Fuel Oil	Case Closed on February 23, 1989

Impacts to subsurface conditions at the subject property from these facilities are not anticipated due to their closed case statuses. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

36. **New York Registered Storage Tank List.** The Registered Storage Tank list is a comprehensive listing of all ***registered*** USTs in the State of New York. A total of 14 registered underground storage tank sites are located within a 0.25 mile radius of the property. The UST sites nearest the subject property include:

UST Facility	Address	Number of USTs	UST Capacity (gallons)	Product
Audubon Partnership	513 West 207th Street New York, New York	1	Closed-in-Place 1 x 2,000	Fuel Oil

UST Facility	Address	Number of USTs	UST Capacity (gallons)	Product
Manhattan Bible Church Incorporated	401 West 205th Street New York, New York	1	Active 1 x 3,000	Fuel Oil
Triangle	265 Nagle Avenue New York, New York	3	Active 3 x 4,000	Gasoline/Ethanol
Merritt Oil Corp.	401 West 207th Street New York, New York	50	Active 4 x 4,000 1 x 4,000 1 x 550 Removed 4 x 4,000 2 x 2,000 2 x 2000 36 x 550	 Gasoline Diesel Fuel Not Reported Gasoline Fuel Oil Gasoline Gasoline

Impacts to subsurface conditions at the subject property from these facilities are not anticipated due to their absence from the LTANK database and distances from the subject site. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

37. **New York Registered Storage Tank List.** The Registered Storage Tank list is a comprehensive listing of all ***registered*** ASTs in the State of New York. A total of 81 registered aboveground storage tank sites are located within a 0.25 mile radius of the property. The AST sites nearest the subject property include:

AST Facility	Address	Number of ASTs	AST Capacity (gallons)	Product
420 West 206th Street Owners Corp.	420 West 206th Street New York, New York	1	Active 1 x 5,000	Fuel Oil
3852-3856 10th Avenue Site	3856 10th Avenue New York, New York	1	Active 1 x 5,000	Fuel Oil
207 Sherman Associate, LLC	130 Post Avenue New York, New York	1	Active 1 x 5,000	Fuel Oil
425 West 205th Street Corp.	425 West 205th Street New York, New York	1	Active 1 x 5,000	Fuel Oil

Impacts to subsurface conditions at the subject property from these facilities are not anticipated due to their absence from the LTANK database and the locations of the tanks. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

38. **Manifest.** The manifest list identifies sites with hazardous waste manifest information or activity. The radius profile revealed 16 Manifest sites within a 0.25 mile radius of the property. The Manifest site nearest the subject property is identified as New York City Transit Authority located at 3884 9th Avenue, New York, New York, approximately 0.05 mile east of the subject site. No RCRA spills or violations have been reported for this facility. However, impacts to the subject property from this site may be possible due to its close proximity to the subject site. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

39. **NY Spills.** The NY Spills Database is a listing of all spills reported to NYSDEC on or after April 1, 1986. The subject property is not identified on the NY Spills database.

40. **NY Engineering Controls.** Environmental remediation sites that have engineering controls in place. The radius profile revealed no NY Engineering Controls sites within a 0.5 mile radius of the property.

41. **NY Institutional Controls.** Environmental remediation sites that have institutional controls in place. The radius profile revealed no NY Institutional Controls sites within a 0.5 mile radius of the property.

42. **Voluntary Cleanup Program Sites.** 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 VCP 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 of greenfield sites. The radius profile revealed no VCP sites within a 0.5 mile radius of the property.

43. **Drycleaners.** This database is a listing of registered drycleaning facilities. The radius profile revealed two Drycleaner sites within a 0.25 mile radius of the property. The site nearest the subject property is identified as Descartes Dry Cleaners located at 3527 West 207th Street, New York, New York, approximately 0.1 mile north of the subject site. Impacts to the subject property from this facility may be possible due to its close proximity to the subject site. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

44. **Brownfields.** A Brownfield is any real property where redevelopment or reuse may be complicated by the presence or potential presence of a bazardous waste, petroleum, pollutant or contaminant. The radius profile revealed no Brownfields sites within a 0.5 mile radius of the property.

45. **State Pollutant Discharge Elimination System (SPDES).** New York State has a state program that has been approved by the United States Environmental Protection Agency (USEPA) for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. The subject property is not listed on the SPDES database.

46. **Air Emissions Data (AIRS).** This is a database of air emissions data for sites in New York. The subject property is not listed on the AIRS database.

47. **Indian Reservations.** This list identifies Indian administered lands of the United States that have an area equal or greater than 640 acres. The radius profile revealed no Indian Reservation sites within a one mile radius of the property.

48. **Indian Leaking Underground Storage Tank List.** This list identifies leaking underground storage tank locations on Indian Land. The radius profile revealed no Indian LUST sites within a 0.5 mile radius of the property.

49. **Indian Underground Storage Tank List.** This list identifies underground storage tank locations on Indian Land. The radius profile revealed no Indian UST sites within a 0.25 mile radius of the property.

50. **Former Manufactured Gas (Coal Gas Site).** Historical coal gasification sites present a variety of potential environmental hazards. The subject property is not listed as a former coal gas site. Two former coal gas sites are located within a one mile radius of the subject site. The facility nearest the subject property is identified as Con Edison Kingsbridge Station located in Bronx, New York, approximately 0.4 mile east of the subject site. Impacts to the subject property from this facility are not anticipated due to its distance from the subject site. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

51. **Federal Reporting Data System.** FRDS provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels, and other requirements of the Safe Drinking Water Act of 1986. No FRDS wells were reported within a one mile radius of the site (see Section 6.2.5.3).

52. **Area Radon Information.** A national database has been developed by USEPA that is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study includes data which have been supplemented by information collected at private sources such as universities and research institutions. Although no site-specific radon data is available for the subject property, the indoor average radon activity for New York County, New York is less than the USEPA's standard of 4.0 pCi/L.

Based on the database record search, a total of 281 listed sites have been identified in the vicinity of the property. The database search also identified 38 "orphan" sites that could not be located electronically due to insufficient records. Upon initial evaluation of these sites and available information gathered by Whitestone, impacts to the subject property by the off-site migration of contaminants from, or presence of hazardous substances at, nearby properties may be possible. Impacts from off-site locations (if any) would remain the responsibility of the owner/operator of the site from which the contamination is emanating.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following federal, state and local regulatory agencies were contacted with a request to access files regarding the property pursuant to FOIL (see Appendix 3):

1. **United States Environmental Protection Agency**
   Region 2
   290 Broadway, 26th Floor
   New York, New York 10007

2. **New York State Department of Environmental Conservation**
   Freedom of Information Act Officer
   One Hunters Point Plaza
   47-40 21st Street
   Long Island City, New York 11101

3. **New York City Department of Environmental Protection**
   Marie A. Dooley, Assistant Counsel
   59-17 Junction Boulevard
   Corona, New York 11368

4. **New York City Department of Health**
   Renee Bryant, Records Access Officer
   125 Worth Street
   Room 604, Box 31
   New York, New York 10013

5. **City of New York Fire Department**
   Bureau of Revenue Management
   9 Metro Tech East
   Brooklyn, New York 112013857

To date, one written response has been received from NYSDEC. In a September 17, 2007 correspondence, NYSDEC indicated that they had received Whitestone's FOIL request and will determine if records exist for the site within 20 days. Pertinent information (if any) generated in response to these requests will be provided in a supplement to this report.

5.3 PHYSICAL SETTING SOURCES

The United States Geological Survey (USGS) *7.5 Minute Topographic Quadrangles -Central Park, New York* dated 1966, 1976 and 1995 showing the area on which the subject property is located are provided as Figures 1A through 1C. Limited structural development is depicted on the USGS maps due to the urban setting of the subject site and buildings are not shown on the subject property. The USGS maps show the property to be situated at an approximate elevation of 20 feet above mean sea level (msl).

5.4 HISTORICAL USE INFORMATION (SUBJECT PROPERTY)

5.4.1 Aerial Photograph Evaluation

Aerial photographs were procured from EDR for the years 1954, 1966, 1974, 1984 and 1994 and reviewed by Whitestone for the subject property. A summary of the photos are outlined below. Copies of the aerial prints are included as Appendix 4.

1954: In 1954, a structure suspected to be associated with a former on-site gasoline station was located in the northeastern portion of the subject property and a structure suspected to be associated with former site tenant Miramar Baths was located in the northern portion of the subject property. The site was bound by railroad tracks and commercial properties beyond 207th Street to the north; commercial properties beyond 9th Avenue to the east; an apartment building beyond 206th Street to the south; and commercial/residential properties to the west.

1966: The conditions depicted in this aerial photograph appear generally similar to those identified on the 1954 aerial photograph.

1974: By 1974, the existing site building had been constructed in the western portion of the subject property and the remaining portions of the subject site had been paved for use as parking areas. The conditions surrounding the subject property appear generally similar to those identified on the 1966 aerial photograph.

1984: The conditions depicted in this aerial photograph appear generally similar to those identified on the 1974 aerial photograph.

1994: The conditions depicted in this aerial photograph appeared generally similar to those identified on the 1974 aerial photograph.

5.4.2 Fire Iusurance Maps

Sanborn Fire Insurance Maps are available for this property for the years 1893, 1900, 1913, 1935, 1950, 1968, 1969, 1977, 1979, 1980, 1981, 1983, 1985, 1986, 1988, 1989, 1991, 1992, 1994, 1995 and 1996. A summary of the pertinent features highlighted by the Sanborn Maps is outlined below. Copies of the Sanborn Fire Insurance Maps are included as Appendix 5 to this report.

Sanborn Map 1: 1893 In 1893, the subject property and surrounding area were undeveloped.

Sanborn Map 2: 1900 In 1900, the subject property and surrounding area were undeveloped.

Sanborn Map 3: 1913 In 1913, the subject property was undeveloped. The site was bound by a bakery to the west; undeveloped land beyond 9th Avenue to the east; and

206th Street to the south. Properties located to the north of the subject site beyond 207th Street are not depicted on this Sanborn Map.

Sanborn Map 4: 1935

In 1935, the subject property was occupied by Miramar Baths which consisted of a three-story structure located in the northern portion of the site and an associated swimming pool situated in the northwestern portion of the site. The structure was identified as being constructed in 1926 and contained a restaurant, locker room and dance hall. The site was bound by a hotel to the west; a garage beyond 9th Avenue to the east; and undeveloped land beyond 206th Street to the south. Properties located to the north of the subject site beyond 207th Street are not depicted on this Sanborn Map. Although not depicted on this Sanborn Map, Certificates of Occupancy reviewed by Whitestone indicate that a gasoline station, automobile garage and office also had been located on the subject site at this time.

Sanborn Map 5: 1950

By 1950, a gasoline station was depicted in the northeastern portion of the subject property and an automobile garage and office were depicted in the southeastern portion of the subject property. In addition, the structure located beyond 9th Avenue to the east of the subject site was identified as Central Carpet Cleaning Company and an apartment building had been constructed to the south of the subject site beyond 206th Street. Otherwise, the conditions depicted in this Sanborn Map appear generally similar to those identified on the 1935 Sanborn Map.

Sanborn Map 6: 1968

By 1968, the existing site building had been constructed in the western portion of the subject property. The structure was identified as a store that had been constructed in 1966 with roof deck parking. In addition, the office formerly located in the southeastern portion of the site had been razed. Otherwise, the conditions depicted in this Sanborn Map appear generally similar to those identified on the 1950 Sanborn Map.

Sanborn Map 7: 1969

By 1969, the gasoline station formerly located in the northeastern portion of the site had been razed. Otherwise, the conditions depicted in this Sanborn Map appear generally similar to those identified on the 1968 Sanborn Map.

Sanborn Map 8: 1977

By 1977, the automobile garage formerly located in the southeastern portion of the site had been razed. Otherwise, the conditions depicted in this Sanborn Map appear generally similar to those identified on the 1969 Sanborn Map.

Sanborn Maps 9 through 18: 1980-1996

The conditions depicted in these Sanborn Maps appear generally similar to those identified on the 1977 Sanborn Map.

5.4.3 Property Tax Files

On-line information obtained from the New York City Department of Finance Automated City Register Information System (ACRIS) website indicates that the subject property currently is owned by Pathmark Stores, Inc. located at 200 Milik Street, Carteret, New Jersey 07008.

5.4.4 Recorded Land Title Records

A limited chain of title search was initiated in an attempt to determine past site usage and ownership, however, copies of the deeds were not readily-available at the Township's offices. A title report for the subject property has not been provided to Whitestone by the user for review to date.

5.4.5 USGS Topographic Maps

The United States Geological Survey (USGS) *7.5 Minute Topographic Quadrangles -Central Park, New York* dated 1966, 1976 and 1995 showing the area on which the subject property is located are provided as Figures 1A through 1C. Limited structural development is depicted on the USGS maps due to the urban setting of the subject site and buildings are not shown on the subject property. The USGS maps show the property to be situated at an approximate elevation of 20 feet above mean sea level (msl).

5.4.6 City Directory Search

Whitestone utilized the services of EDR to conduct an electronic search of business directories at approximately five-year intervals for the years spanning 1975 through 2007 (see Appendix 6). This search revealed that the following businesses have occupied the subject site:

1927: Miramar Amusement Co. Inc.
1934: Miramar Amusement Co. Inc.
Miramar Pool Restaurant
Miramar Gas Station
1938: Miramar Service Station
Miramar Swimming Pool
1942: Miramar Service Station
Miramar Swimming Pool
1947: Packer Brothers Gas Station
1950: Packer Brothers Gas Station
1956: Packer Brothers Gas Station
1958: Packer Brothers Gas Station

1963: Miramar Swimming Pool
1973: Pathmark
1978: Pathmark
1983: Pathmark
1988: Pathmark
1993: Pathmark
1998: Pathmark
2001: Pathmark

5.4.7 Building Department Records

A search of the New York City Department of Buildings (DOB) website indicates that one active Environmental Control Board violation for conducting elevator work without a permit exists for the subject property. In addition, nine open DOB violations exist for the subject site. Specific information regarding these violations was not available from the DOB website. The DOB website also shows that Certificates of Occupancy were issued for the former automobile garage and office in 1925, Miramar Baths in 1926, the former gasoline station in 1947 and the existing site building in 1967.

5.4.8 Zoning/Land Use Records

The subject property is situated within an R7-2 Residential Zoning District.

5.4.9 Additional Historical Sources

In addition to the historical references listed above, Whitestone reviewed the following document pertinent to the subject property and the subject area:

- December 1989 *Preliminary Environmental Assessment* prepared by BCM Engineers, Inc.

This report documents site history and site conditions to be consistent with those reported by Whitestone. No recognized environmental conditions were identified in connection with the subject property.

5.5 HISTORICAL USE INFORMATION (ADJOINING PROPERTIES)

The area surrounding the subject property historically has consisted of a mix of commercial and residential uses. The subject area has been heavily developed since the 1930's.

5.6 DATA GAPS/DATA FAILURES

No significant or pertinent data gaps or data failures regarding the subject property were identified during this Phase I ESA. To date, Whitestone has not reviewed a title report for the subject property.

SECTION 6.0
Site Reconnaissance

6.1 METHODOLOGY AND LIMITING CONDITIONS

Whitestone conducted a reconnaissance of accessible portions of the subject property on September 18, 2007. Existing site conditions and potential recognized environmental conditions (RECs) were photographed (see Appendix 1) and are documented below. Suggestions for the further investigation and/or remediation of the RECs identified in the following subsections are outlined in Section 8.0.

6.2 GENERAL SITE SETTING

The subject property currently consists of a Pathmark supermarket and associated parking areas. The subject property is located at 410 West 207 Street, New York, New York, Latitude 40.8641 North, Longitude 73.9181 West. The property is identified further as Section 57, Block 2203, Lot 9 and 21, and comprises 2.285 acres.

6.2.1 Current Uses of the Property

The subject property currently consists of a Pathmark supermarket and associated parking areas.

6.2.2 Historic Uses of the Property

According to historical sources reviewed by Whitestone, the site building was constructed in 1968 and has been utilized as a supermarket/grocery store since construction. Prior to the construction of the existing site building, the subject property was occupied by Miramar Baths (bath house) from 1926 until at least 1963. Miramar Baths consisted of a three-story structure located in the northern portion of the site containing a restaurant, locker rooms and dance hall, and a swimming pool located in the northwestern portion of the site. In addition, a gasoline station had been located in the northeastern portion of the site from 1947 until 1968 and an automobile garage and office had been located in the southeastern portion of the site from 1925 until 1968. Prior to 1926, the subject property was undeveloped.

6.2.3 Current Uses of Adjoining Properties and the Surrounding Area

The site is bound by a Hess gasoline station beyond 207th Street to the north; Beer and Soda Wholesale beyond 9th Avenue to the east; an apartment building and Westside Auto Repair beyond 206th Street to the south; and apartment and retail buildings to the west.

6.2.4 Historic Uses of Adjoining Properties and the Surrounding Area

The area surrounding the subject property historically has consisted of a mix of commercial and residential uses. The subject area has been heavily developed since the 1930's.

6.2.5 Geologic, Hydrogeologic, Hydrologic and Topographic Characteristics

6.2.5.1 Topography/Geology

Topography at the site is relatively flatlying and the property is situated at an approximate elevation of 20 feet above msl. The site is located within the Manhattan Prong of the New England Uplands Physiographic Province. The area is underlain by the Manhattan Schist formation which includes peltic schist and amphibolite members. The materials overlying the schist bedrock consist of partly weathered rock and residual soil formed by the in place weathering of the parent rock. In addition to the deeper bedrock formations, the site is overlain by sands, gravels, silts, and clays deposited by retreating or advancing glaciers.

Urban properties such as the subject site typically have been filled with material imported from off-site sources during initial site development or subsequent redevelopment to achieve final grade. Such fill material may exhibit concentrations of select contaminants exceeding applicable soil cleanup criteria, however, typically can remain in place subject to institutional and/or engineering controls.

6.2.5.2 Surface Water/Wetlands

The subject property is completely developed with impervious surfaces. No surface water or suspected wetlands areas were observed during Whitestone's site reconnaissance. The subject property is not described on the United States Fish and Wildlife Service *National Wetlands Inventory Interactive Mapper* as a mapped wetlands area. A wetlands survey/delineation was beyond the scope of this Phase I ESA investigation.

6.2.5.3 Groundwater

The nearest groundwater well for which public database information is available is located 0.01 mile from the site. The closest federal and/or state database wells north, south, east and west of the site are characterized as follows:

Location	Distance to Site	Well Depth	Depth to Groundwater	Comments
North Quadrant	0.65 Mile	39 Feet	Not Reported	Federal USGS Well
South Quadrant	0.70 Mile	98 Feet	20 Feet	Federal USGS Well
East Quadrant	0.01 Mile	310 Feet	Not Reported	Federal USGS Well
West Quadrant	0.45 Mile	75 Feet	Not Reported	Federal USGS Well

The wells listed above are not noted as having environmental violations or concerns associated with their usage or construction.

6.2.6 General Description of Structures

The subject property currently houses a one-story, approximately 31,881 square feet (footprint), Pathmark supermarket with basement located in the western portion of the property. The eastern portion of the property and the roof of the site building are utilized as parking areas. A ramp located along the western exterior of the site building provides access to the roof parking. The Pathmark consists of customer service areas and offices in the eastern portion of the first floor, storage areas, utility rooms and a loading dock in the southwestern portion of the first floor and retail space in the remaining portions of the first floor. A passenger elevator is situated in the western portion of the structure and a freight elevator is situated in the eastern portion of the structure. The basement consists of storage areas, an employee break area, restrooms and utility and compressor areas. The Pathmark also utilizes basement space located beneath the adjoining apartment building to the west of the subject property. This area which is used for storage reportedly is leased and was not evaluated as part of the subject property.

6.2.7 Roads

The subject property is accessed via private driveways from 207th Street to the north and 206th Street to the south. Asphalt-paved parking areas are located in the eastern portion of the site and on the roof of the site building.

6.2.8 Potable Water Supply

The subject property and subject area are provided potable water by the New York City Water Supply System.

6.2.9 Sewage Disposal System

The subject property currently is serviced by the municipal sanitary sewer system.

6.3 EXTERIOR OBSERVATIONS

6.3.1 Hazardous Substances and Petroleum Products

As part of the site reconnaissance effort, Whitestone canvassed the exterior areas of the subject property and the boundary of immediately adjoining properties. No evidence of the past or present on-site use, generation, or disposal of potentially hazardous materials and/or wastes and/or petroleum products was observed during Whitestone's exterior reconnaissance.

6.3.2 Storage Tanks/Pipelines

6.3.2.1 Underground Storage Tanks (USTs)

As noted in Section 5.1, no underground storage tanks (USTs) are registered at the subject property, and no surficial evidence of on-site USTs was observed during Whitestone's reconnaissance effort. However, gasoline USTs are suspected to have been utilized by the former on-site gasoline station. To date, Whitestone has not reviewed information indicating these USTs have been removed from the site.

Available information could not confirm whether former site structures used an alternative heating fuel such as coal, heating oil, or electricity. Potentially, heating oil may have been stored in USTs or aboveground storage tanks (ASTs). The presence or absence of abandoned on-site USTs associated with former structures has not been documented or refuted, and prior USTs likely would have been removed during building demolition.

6.3.2.2 Aboveground Storage Tanks (ASTs)

No ASTs are registered at the subject property, and no indications of current or prior AST usage were observed during Whitestone's site reconnaissance.

6.3.2.3 Pipelines and Other Storage Vessels

Grease traps associated with food preparation activities are located aboveground in the basement of the site building. In addition, the on-site elevators utilize belowground hydraulic cylinders.

6.3.3 Odors

No unusual odors were noted during Whitestone's exterior site reconnaissance.

6.3.4 Pools of Liquid

No pools of liquid were observed during Whitestone's exterior site reconnaissance.

6.3.5 Drums

No drums were observed during Whitestone's exterior site reconnaissance. One 55-gallon drum containing hydraulic oil for the on-site elevators was observed in the basement of the site building.

6.3.6 Hazardous Substances and Petroleum Product Containers

No hazardous substances and petroleum product containers were observed during Whitestone's exterior site reconnaissance.

6.3.7 Unidentified Substance Containers

No containers of unidentified substances were observed during Whitestone's exterior site reconnaissance.

6.3.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.3.9 Stained Soil or Pavement

No stained soil or pavement was observed during Whitestone's exterior site reconnaissance.

6.3.10 Stressed Vegetation

No stressed vegetation was observed during Whitestone's exterior site reconnaissance.

6.3.11 Solid Waste

Solid waste generated on site is stored temporarily in a 20 cubic yard trash compactor located in the southwestern portion of the site building (loading dock area) for eventual off-site disposal.

6.3.12 Wastewater

Sanitary wastewater generated at the subject property is discharged to the municipal sanitary sewer system.

6.3.13 Wells

The subject property currently is serviced by public water, and no evidence of former water wells was observed during Whitestone's site reconnaissance.

6.3.14 Septic Systems

The subject property currently is serviced by the municipal sanitary sewer system and no surficial evidence of abandoned septic systems or septic system components was observed during Whitestone's site reconnaissance.

6.3.15 Current/Past Agricultural Activity

No evidence of current or past agricultural activity was observed during Whitestone's site reconnaissance or documented in historical sources reviewed by Whitestone.

6.3.16 Potential Off-Site Impacts/Concerns

Several properties in close proximity to the subject site have been identified on various state and federal listings. Although an impact to on-site conditions from off-site sources has not been documented, environmental liability associated with migration of contaminants to the subject site would remain the responsibility of the owner/operator of the generating facility.

6.4 INTERIOR OBSERVATIONS

The subject property currently houses a Pathmark supermarket. The following hazardous materials were observed within the site building.

Material	Quantity/ Container Size	Location	Condition	Evidence of Release (Yes/No)
Hydraulic Oil	1 x 55 Gallon Drum	Basement	Good	No

In addition to the cleaners routinely used on site, various household chemicals and petroleum based products including (motor oil, anti-freeze, insecticides, etc.) were noted in the retail sales portion of the store. Storage practices appeared satisfactory and environmentally sound with no visible evidence of release or discharge.

6.4.1 Heating/Cooling

The site building currently is heated and cooled by natural gas-fired HVAC units located on the roof of the site building and the southern interior of the structure.

6.4.2 Stains or Corrosion

Petroleum staining was observed in the vicinity of refrigeration compressors located in the basement of the site building. The staining appeared to be contained to the underlying concrete floor slab.

6.4.3 Drains and Sumps

Floor drains were observed in the food preparation areas, restrooms, storage areas and compressor room of the site building and a trench drain was observed in the loading dock area. In addition, three sumps were observed within the basement of the site building. The drains and sumps discharge to the municipal sanitary sewer system. No hazardous materials or evidence of hazardous material releases were observed in the vicinity of the drains or sumps

6.4.4 Indications of Polychlorinated Biphenyls (PCBs)

Sites developed prior to 1980 may house oil-filled electrical, mechanical, hydraulic, or heat transfer equipment and/or flourescent light ballasts containing polychlorinated biphenyls (PCBs). Suspect PCB equipment observed on site included fluorescent light ballasts throughout the site building and hydraulic fluids associated with the on-site elevators.

6.4.5 Asbestos Containing Materials (ACM)

Structures pre-dating 1980 may have been built using asbestos containing construction or insulation materials. Based on the age of the site building (constructed in 1968), the presence of ACM is suspected.

6.4.6 Lead Based Paints

Structures pre-dating 1980 may be coated with lead based paints (LBP). Delaminating, peeling painted surfaces were observed on exterior portions of the site building, and based on the age of the site building (constructed in 1968), the presence of LBP is suspected.

6.4.7 Mold/Microbial Growth

No areas of mold/microbial growth were observed on interior or exterior portions of the site building during Whitestone's site reconnaissance.

SECTION 7.0
Interviews

Telephone and/or in-person interviews conducted with the following public officials and knowledgeable site representatives are summarized below.

7.1 Interviews with Site Owner

Name, Title: David Kelly, Senior Vice President of Store Engineering and Purchasing
Representing: Pathmark Stores, Inc.
Date Contacted: October 3, 2007
Type of Interview: In-Person

Whitestone interviewed Mr. Kelly during a file review at Pathmark's offices on October 3, 2007. Mr. Kelly indicated that, to his knowledge, no environmental conditions are associated with the subject property, and no environmental records were provided by Pathmark for Whitestone's review.

7.2 Interviews with Site Manager

Name, Title: Howard, Store Manager
Representing: Patbmark
Date & Time Contacted: September 18, 2007
Type of Interview: In-Person

Whitestone interviewed Howard during the September 18, 2007 site reconnaissance. Whitestone was provided access to the site building and information regarding site utilities. Whitestone was informed that the site building currently is serviced by electricity, natural gas, public water and the municipal sanitary sewer system. Howard also indicated that the subject property historically was a pool facility and the basement below the adjacent buildings to the west is leased.

7.3 Interviews with Occupants

Whitestone interviewed the Pathmark's store manager, Howard, during the September 18, 2007 site reconnaissance. The interview is described in Section 7.2 above.

7.4 Interviews with Local Government Officials

Whitestone obtained information regarding the subject property from the New York City Department of Buildings' website, the New York City Tax Assessor's website, and the New York City Department of Finance ACRIS website. No interviews with government officials were conducted.

7.5 Interviews with Others

No additional interviews have been conducted regarding the subject property.

Copies of Records of Communication for each of the telephone and/or in-person interviews listed above are included in Appendix 3.

SECTION 8.0
Findings, Conclusions, and Recommendations

Whitestone Associates, Inc. has performed a Phase I Environmental Site Assessment in general accordance with the scope and limitations of ASTM Standard Practice E1527-05 and the conditions of Section 2.2 of this report of the existing Pathmark supermarket located at 410 West 207th Street, New York, New York. Phase I ESA activities identified recognized environmental conditions (RECs) that warrant further consideration. These RECs and suggestions for their further investigation or remediation are outlined below.

8.1 FINDINGS

8.1.1 Summary of RECs

This assessment has revealed evidence of the following ***recognized environmental conditions*** (RECs) in connection with the subject property:

- According to historical sources reviewed by Whitestone, a gasoline station operated in the northeastern portion of the site from 1947 until 1968. The operations of the former on-site gasoline station are suspected to have included the on-site storage and use of petroleum products, automotive fluids, battery acids, solvents, and/or other hazardous or potentially hazardous materials. Discharges of such materials/wastes may have resulted in adverse impacts to subsurface soil and/or groundwater conditions at the subject site. In addition, underground storage tanks (USTs) utilized by the gasoline station may remain abandoned on site.

- Two elevators are located within the site building. The elevators utilize belowground hydraulic cylinders. Potentially, releases of hydraulic fluid from these cylinders may have adversely impacted subsurface soil and/or groundwater conditions at the site.

8.1.2 Summary of Business Environmental Risks

Items that are not identified as RECs, however, may require limited investigation or corrective action as business environmental risks (BERs) include the following:

- Urban properties such as the subject site typically have been filled with material imported from off-site sources during initial site development or subsequent redevelopment to achieve final grade. Such fill material may exhibit concentrations of select contaminants exceeding applicable soil cleanup criteria, however, typically can remain in place subject to institutional and/or engineering controls.

- Available information could not confirm whether former site structures utilized USTs, septic systems and/or wells. In the unlikely event that heating oils USTs, septic system components and/or wells

are encountered during future site redevelopment, such appurtenances should be closed/removed/abandoned in accordance with State and local regulations.

- Asbestos containing materials (ACM) and lead based paint (LBP) should be suspected in buildings predating 1980. An ACM survey (and asbestos abatement) should be completed prior to future renovation activities. LBP should be suspected on site and confirmed prior to future building renovation. Although lead abatement may not be required, regulated management of demolition/renovation wastes may be warranted during future renovation activities.

- Hazardous materials not intended for on-site reuse should be segregated, containerized, and removed from the site, and disposed, recycled or reused off-site in accordance with federal and state waste management regulations.

- Fluorescent light ballasts and oil-filled electrical and hydraulic equipment in buildings constructed prior to 1980 should be suspected to contain PCBs. Suspect PCB equipment observed on site should be evaluated for PCB content and disposed accordingly if not scheduled for reuse.

- Grease traps located on site should continue to be operated in an environmentally sound fashion.

- Several properties in close proximity to the subject site have been identified on various state and federal listings. Although an impact to on-site conditions from off-site sources has not been documented, environmental liability associated with migration of contaminants to the subject site would remain the responsibility of the owner/operator of the generating facility.

8.2 OPINION

The RECs noted above may present a significant threat of future liability or potential premium cost or time delay to implement the proposed use and/or future redevelopment.

8.3 CONCLUSIONS AND RECOMMENDATIONS

The following activities are recommended to address the RECs listed in Section 8.1.

- Whitestone recommends conducting a Phase II Site Investigation (SI) including a ground penetrating radar (GPR) survey and soil and groundwater sampling and analysis to determine if historic site operations (gasoline station), suspected USTs and elevators, hazardous materials discharges and/or fill material have adversely impacted subsurface soil and/or groundwater conditions at the site.

8.4 DEVIATIONS AND DATA GAPS/FAILURES

Whitestone has performed a Phase I Environmental Site Assessment of the subject property in conformance with the scope and limitations of ASTM Practice 1527-05.

- No significant or pertinent data gaps or data failures regarding the subject property were identified during this Phase I ESA. To date, Whitestone has not reviewed a title report for the subject property.

8.5 REFERENCES

1. American Society of Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (E1527-05).

2. Aerial photographs provided by EDR for the years 1954, 1966, 1974, 1984 and 1994.

3. Sanborn Fire Insurance Maps for the years 1893, 1900, 1913, 1935, 1950, 1968, 1969, 1977, 1979, 1980, 1981, 1983, 1985, 1986, 1988, 1989, 1991, 1992, 1994, 1995 and 1996.

4. United States Geological Service (USGS) *7.5 Minute Topographic Quadrangles - Central Park, New York* dated 1966, 1976 and 1995.

5. *EDR - Radius Map, Pathmark Supermarket, 410 West 207th Street, New York, New York* prepared by EDR dated September 7, 2007.

6. *EDR - City Directory Abstract* dated September 7, 2007.

7. United States Fish and Wildlife Service *National Wetlands Inventory Interactive Mapper*.

8. December 1989 *Preliminary Environmental Assessment* prepared by BCM Engineers, Inc.

SECTION 9.0
Additional Services

No additional services have been conducted in association with the Phase I ESA of the subject property.

SECTION 10.0
Environmental Professionals

10.1 SIGNATURES

The following Whitestone personnel were responsible for conducting the Phase I ESA of the subject site and preparing the information presented herein.

SITE INSPECTOR:

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

Dustin A. Kapson
Environmental Specialist
Whitestone Associates, Inc.

10-4-07
Date

SITE INSPECTOR/PROJECT MANAGER/ENVIRONMENTAL PROFESSIONAL:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312, and

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

Christopher Seib
Director, Environmental Division
Whitestone Associates, Inc.

10-4-07
Date

10.2 QUALIFICATIONS

Resumes for the Whitestone environmental professional and supporting staff responsible for conducting this Phase I ESA are provided in Appendix 8 of this report.

APPENDIX H

TERMINOLOGY

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E 1527-05. The Standard Practice should be referenced for further detail related definitions or additional explanation regarding the meaning of terms.

Recognized environmental condition(s) (REC): The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions.

De minimis conditions: Conditions that generally do not present threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

Historical recognized environmental condition(s) (HREC): Environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition.

Material threat: A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Material impact to public health or environment: A substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. An example might include a release of a hazardous substance in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or substantial damage to natural resources. The risk of that exposure or damage would represent a material impact to public health or environment.

General risk of enforcement action: The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

Data failure: A failure to achieve the historical research objectives, even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

Data gap: A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Pathmark Supermarket
410 West 207th Street
New York, New York

Stantec

PROJECT NO. 191710847

REPORT TO	**The Great Atlantic & Pacific Tea Company** **2 Paragon Drive** **Montvale, NJ 07645**
FOR	**Pathmark Supermarket** **410 West 207th Street** **New York, New York**
ON	**Phase II Environmental Site Assessment**

December 8, 2011

Stantec Consulting Services Inc.
5 Dartmouth Drive, Suite 101
Auburn, NH 03032

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Project Manager: Donald F. Moore
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David A. Allwine
Senior Associate

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1.0 INTRODUCTION

The Great Atlantic and Pacific Tea Company, Inc. (A&P) contracted Stantec Consulting Services Inc. (Stantec) to conduct a Phase II Environmental Site Assessment (ESA) of the Pathmark Supermarket property located at 410 West 207th Street, New York, New York (the "property"). The property consists of two lots; a lot that is owned by A&P (Section 8, Block 2203 Lot 9), and a lot that is leased by A&P (Section 8, Block 2203, Lot 21). This ESA was conducted in general accordance with the American Society of Testing and Materials (ASTM) Standard Practices for Environmental Site Assessments: Phase II ESA Process (ASTM E1903-97) and with Stantec's executed proposal dated April 14, 2011.

1.1 PURPOSE

The purpose of this Phase II ESA was to evaluate the recognized environmental conditions (RECs) identified in a Phase I ESA prepared by Whitestone Associates, Inc. (October 4, 2007) and in a Phase I ESA prepared by EBI Consulting (October 7, 2010). Stantec relied upon these reports and has not conducted an independent assessment for actual or potential RECs at or nearby the subject property. The identified RECs include:

- A gasoline station operated in the northeastern portion of the property from 1947 to 1968;
- The site may have been filled with material imported from off-site sources during development. The fill may have unknown origins and has the potential to contain contaminant concentrations above regulatory cleanup criteria; and
- The site building utilizes two hydraulic elevators. Potential releases of hydraulic fluid from the underground elevator cylinders could have impacted soil and groundwater at the site.

1.2 SCOPE OF SERVICES

The scope of work for this assessment was in general accordance with ASTM E1903-97 and Stantec's proposal dated April 14, 2011. The methodologies used represent good commercial and customary practice for conducting a Phase II ESA of a property for the purpose of evaluating RECs.

The general scope of work included the following tasks:

- Review of existing information;
- Field exploration including the advancement of test borings, installation of temporary monitoring wells, and elevator inspections;

- Sampling and chemical analyses of selected soil samples, groundwater samples, and water/oil sample from standing water in elevator shaft;
- Evaluation of results; and
- Discussion of findings and conclusions

1.3 LIMITATIONS AND EXCEPTIONS OF ASSESSMENTS

This report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM E1903-97 and contains all of the limitations inherent in those methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of Stantec's contract and included in this report.

1.4 LIMITING CONDITIONS AND METHODOLOGIES USED

No ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical analysis may or may not be representative of the property as a whole. Professional judgment and interpretation are inherent in the process and uncertainty is inevitable. Additional assessment may be able to reduce the uncertainty.

Even when Phase II ESA work is executed with an appropriate site-specific standard of care, certain conditions present difficult detection problems. Such conditions may include complex geological settings, the fate and transport characteristics of certain hazardous substances and petroleum products, the distribution of existing contamination, physical limitations imposed by the location of utilities and other man-made objects, and the limitations of assessment technologies.

Phase II ESAs do not generally require an exhaustive assessment of environmental conditions at a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the usefulness of the information and, in fact, may be a detriment to the completion of transactions. If hazardous substance or petroleum releases are confirmed on a parcel of property, the extent of further assessment is related to the degree of uncertainty that is acceptable to the user with respect to a real estate transaction.

Measurements and sampling data only represent the site conditions at the time of data collection. Therefore, the usability of data collected as part of this Phase II ESA may have a finite lifetime depending of the application and use being made of the data. An environmental professional should evaluate whether the generated data are appropriate for any subsequent use beyond the original purpose for which it was collected.

Evaluation of data generated through Phase II Environmental Assessment may trigger regulatory notification and subsequent actions for compliance with federal, state or local rules and regulations. Stantec takes no responsibility for such notifications or compliance if warranted or any other responsibility to a third party. Stantec will assist the Client if requested should such conditions exist that trigger notifications and response actions.

2.0 BACKGROUND

2.1 SITE DESCRIPTION AND FEATURES

The subject property is located at 410 West 207th Street, New York, New York and consists of a Pathmark supermarket located in the western portion of the property and associated paved parking areas in the eastern portion. The Site encompasses 2.285 acres and is rectangular in shape. The Site consists of two lots; a lot that is owned by A&P (Section 8, Block 2203 Lot 9), and a lot that is leased by A&P (Section 8, Block 2203, Lots 21).

The site location is shown on Figures 1 and 2.

2.2 PHYSICAL SETTING

The property is currently used as a Pathmark supermarket/grocery store. The property is located at an elevation of approximately 20 feet above mean sea level (msl). The topography of the property is relatively flat and slopes gently to the southeast. Two artificial basins are located on the western portion of the property. The property is located in a relatively flat area with the general slope of the surrounding area is to the southeast. No natural surface water bodies were identified on or adjacent to the property. The nearest surface water feature is the Harlem River, located approximately 1,000 feet southeast of the property (see Figure 1).

The site building is currently serviced by electricity, natural gas, public water, and municipal sanitary sewer. Underground electric, natural gas, and water lines enter the property from 206th Street to the south. Underground sanitary sewer lines enter the property from 207th Street to the north.

2.3 CURRENT AND PAST USES OF THE PROPERTY

The property is currently occupied by a Pathmark supermarket located in the A&P-owned, western portion of the property. The eastern, leased portion of the property and the roof of the site building are utilized as parking areas. According to the aforementioned Phase I ESA reports, the site building was constructed in 1988 and has been utilized as a supermarket/grocery store since its initial construction. It is reported that:

- From 1926 to at least 1963, the property was occupied by Miramar Baths, which consisted of a three-story structure located in the northern portion of the site that contained a restaurant, locker rooms and dance hall, and a swimming pool located in the northwestern portion of the site.

- From 1947 to 1968, a gasoline station was located in the northeastern area of the leased portion of the site.

- From 1925 to 1968, an automobile garage and office had been located in the southeastern area of the leased portion of the site.

2.4 ADJACENT PROPERTY USE

Property use in the vicinity of the Pathmark property is primarily characterized by residential and retail/commercial development:

North The Pathmark property is bounded to the north by West 207th Street, beyond which is a Hess Service Station.

South The Pathmark property is bounded to the south by West 206th Street, beyond which is a residential apartment building and an auto repair facility (Westside Auto Repair).

East The Pathmark property is bounded to the east by 9th Avenue, beyond which is Beer and Soda Wholesale.

West The Pathmark property is bounded to the west by apartment and retail buildings, beyond which is 10th Avenue.

3.0 PHASE II ACTIVITIES

3.1 TEST BORINGS

On July 19, 2011, total of three soil borings were advanced at the site using a direct push (Geoprobe®) drill rig by Hawk Drilling of Washington, NJ. Prior to drilling, Dig Safely New York was contacted to clear utilities at each location. Hawk Drilling also cleared each boring location to five-feet below land surface (bls) using an air knife before proceeding with the drilling operations.

The three borings (identified as B-101, B-102, and B-103 on Figure 2) were drilled on July 19, 2011 to predetermined depths of 5 to 7 feet below the field identified water table, which was encountered at approximately 9 feet bls. Each boring was subsequently advanced to 16 feet bls. B-101 was advanced on the A&P-owned lot near the southeast side of the site building to evaluate potential release(s) associated with the hydraulic elevators; B-102 and B-103 were advanced in the northeastern area of the leased portion of the property to evaluate potential release(s) associated with the former gasoline station.

Soil samples were collected continuously, via Macrocore sampling, and visually classified. Soil samples were also screened in the field for volatile organic compounds (VOCs) using a properly calibrated photo-ionization detector (PID). Selected soil samples were submitted for laboratory analysis based on the presence of field evidence of contamination (visual, olfactory, or PID). If

no field evidence of contamination was noted, the soil sample from just above the field-identified water table was selected.

On October 24, 2011, two additional soil borings (B-104 and B-105 on Figure 2) were advanced on the A&P-owned lot in the approximate central portion of the parking lot. Prior to drilling, a detailed survey map of the property was evaluated. The property line between the A&P owned lot (Block 2203 Lot 9) and the leased lot (Block 2203, Lot 21) was identified from this map at 130 feet east of the supermarket building. Borings B-104 and B-105 were subsequently drilled 110 feet east of the supermarket building.

At the B-104 location, refusal on fill type material (such as brick and wood) was encountered at six locations at depths ranging from 3 to 6 feet bls. Eventually the boring was able to be advanced beyond this interval and was continued to depth. No refusal was encountered at the B-105 location. A third boring was also attempted on 10/24/11 near the supermarket building. However, refusal on fill material was again encountered at similar depths of 3 to 6 feet bls at this location. Due to time constraints, this boring location was abandoned after several attempts. Geoprobe drilling and sampling were conducted in the same manner as describe above.

Soil description and headspace readings are provided on the boring logs presented in Appendix A.

3.2 TEMPORARY MONITORING WELL INSTALLATION

Following completion of the boreholes to the selected depth (5-7 feet below the field-identified water table), temporary 1-inch polyvinyl chloride (PVC) wells were installed to allow for the collection of groundwater samples for laboratory analysis. Temporary well completion details are presented in Table 1. The wells were developed to reduce the amount of fines in the collected groundwater samples. Prior to sampling, the wells were gauged for water level.

After well development and gauging, groundwater samples were collected from temporary wells B-101 to B-103 on July 19, 2011 and from temporary wells B-104 and B-105 on October 24, 2011 using dedicated equipment (HDPE tubing and peristaltic pumps) and submitted for laboratory analysis.

3.3 ELEVATOR INSPECTIONS

On August 25, 2011 Stantec met with A&P's elevator vendor Liberty Elevator (Liberty) on site to inspect the two elevators located in the site building. The elevator located on the western side of the building (see Figure 2) is an 8'x8' freight elevator at the rear of the building near the loading dock. Liberty raised and secured the elevator, and opened the doors to reveal the pit. The pit had approximately 4-inches of water in the bottom concrete floor. The elevator piston had visible score marks/scratches along its exposed length. There was a 5-gallon bucket set in the pit, adjacent to the piston to apparently capture leaking hydraulic fluid. According to Liberty, 10 gallons of #32 hydraulic fluid was added in January 2011, 5-gallons in March 2011, and 5 gallons in July 2011. Stantec could not determine the origins of the observed water in the

bottom of the elevator pit. The pit has a sump pump that pumps into a second sump located in an adjoining elevator mechanical room. The water from the second sump is then pumped out through a piping system to a destination that could not be determined by Stantec. The fluid in this pit was also observed to have a visible sheen.

The second elevator shaft, located on the eastern side of the building, was also inspected by Stantec after Liberty raised and secured the elevator. This pit was of similar size. Stantec observed some water in the bottom of the pit, but it did not totally cover the concrete floor. Stantec observed no evidence of oil leakage in this second elevator shaft.

3.4 SAMPLING AND CHEMICAL ANALYSES

3.4.1 Soil

The following soil samples were submitted for chemical analysis.

- B-101 (4.8-6.1 ft bls), based on field evidence of contamination.
- B-102 (6.5-7.0 ft bls), based on field evidence of contamination.
- B-103 (6.5-7.3 ft bls), based on field evidence of contamination.

- B-104 (8.0-10.0 ft bls), based on field-identified water table.
- B-105 (8.0-10.0 ft bls), based on field-identified water table.

The soil samples were submitted to Spectrum Analytical Inc., a New York State certified laboratory, of Agawam, Massachusetts for analysis of VOCs via EPA Method 8260B, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270C, and RCRA metals by EPA 200/6000/7000 series methods. .

3.4.2 Groundwater

The following groundwater samples were submitted for chemical analysis during the July 19, 2011 sampling event.

- B-101
- B-102
- B-103

The groundwater samples were submitted to Spectrum for analysis of VOCs via EPA Method 8260B, PAHs via EPA Method 8270C, and RCRA metals by EPA 200/6000/7000 series methods. One trip blank for VOC analysis accompanied the soil and groundwater samples for control/quality assurance purposes.

The following groundwater samples were submitted for chemical analysis during the October 24, 2011 sampling event.

- B-104
- B-105

The groundwater samples were submitted to Spectrum for analysis of VOCs via EPA Method 8260B, PAHs via EPA Method 8270C, and RCRA metals by EPA 200/6000/7000 series methods. One trip blank for VOC analysis accompanied the soil and groundwater samples for control/quality assurance purposes. Please note that the two sample bottles for PAH analysis from B-105 were broken during shipment to the laboratory. Therefore, PAH results from B-105 are not available.

3.4.3 Other

Stantec collected a sample of the fluid (oil and water) from the elevator shaft located at the rear/western portion of the site building. The sample was collected into a one liter amber glass bottle and transported to Spectrum for analysis. During transit, approximately 2-3 hours, the oil separated from the water within the liter glass bottle into a distinct layer. Stantec therefore instructed the laboratory to analyze the oil matrix layer for polychlorinated biphenyls (PCBs) by EPA Method 8082.

4.0 RESULTS

4.1 GEOLOGY

According to available maps and information, the site is located within the Manhattan Prong of the New England Uplands Physiographic Province. Bedrock underlying the site is mapped as the Manhattan Schist, which includes pelitic schist and amphibolites.

Approximately six-inches of asphalt and base material (1” to 1.5” stone) were encountered at each location. Underlying the pavement, the soils encountered during the drilling activities generally consisted of fine to medium sand in varying layers to depths ranging from 13 ft bls at B-101 to 16 ft bls at B-102. At B-101, from 13 to 13.5 ft bls, B-103, from 14.5 to 16 ft bls, and from 14 to 16 ft at B-104 and B-105, a layer of sand with organics was encountered. This sand with organic material may be indicative of original or native ground surface, which could suggest the sandy material overlying the sand with organic layer is fill material. At B-101, a clayey silt layer was encountered from 13.5 to 16 ft bls. Bedrock was not encountered at any of the five borings.

4.2 HYDROLOGY

Depth to groundwater in the borings, as observed during drilling activities and as measured in the temporary wells, ranged from 9.2 ft bls in B-103 to 13.1 ft bls in B-101 on July 19 and approximately 10 ft bls in B-104 and B-105 on October 24 (see Table 1). Since the purpose of

the temporary wells was to act as a means of collecting groundwater samples for chemical analysis, a survey of measuring point elevations was not conducted. Therefore, groundwater flow direction at the site was not determined.

4.3 SOIL SCREENING RESULTS

The soil sample PID field screening results for soil samples collected from the Geoprobe borings indicated the presence of VOCs at concentrations elevated above background (nominally 0 parts per million by volume [ppmv]) in several samples. Measured PID concentrations in the top four to five feet of overburden material were 0.0 ppmv at B-101, 0.0 to187 ppmv at B-102, and 20.3 ppmv at B-103. PID readings in the soil samples collected from 5 to 16 feet bls ranged from 0.0 to 1.2 ppmv at B-101, from 462 to 858 ppmv at B-102, and from 72 to 1275 ppmv at B-103.

PID readings in the soil samples collected from B-104 and B-105 were consistently measured at levels between 0.3 and 1.1 ppmv.

Although there are no regulatory criteria for VOC vapors in soil, PID readings are often used as a field screening tool to practically identify soils impacted with VOCs and/or petroleum hydrocarbons. As previously noted, the soil sample from each boring exhibiting the greatest evidence of impacts (at B-101 through B-103) was subsequently submitted for laboratory analysis. The PID readings are provided on the attached borehole logs. Laboratory analytical results for soil samples are discussed in Section 4.4.2.

4.4 LABORATORY ANLAYTICAL RESULTS

4.4.1 Applicable Standards

In October 2010, the New York State Department of Environmental Conservation (NYSDEC) issued CP-51/Soil Cleanup Guidance, which applies to each of the remedial programs administered by NYSDEC's Division of Environmental Remediation (including the Inactive Hazardous Waste Disposal Site Remediation Program, the Brownfield Cleanup Program, Voluntary Cleanup Program, and the Spill Response Program). The new guidance replaces Technical Administrative Guidance Memorandum ("TAGM") 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994.

Therefore, in accordance with NYSDEC Policy – CP-15/Soil Cleanup Guidance, dated 10/21/10, the reported analytical concentrations for the analyzed constituents detected in soil at the property were compared to the unrestricted Soil Cleanup Objectives (SCOs) provided in 6 NYCCR Table 375-6.8(a). As described in the CP-15/Soil Cleanup Guidance (Section V, F) "the SCOs may be used to identify areas of soil contamination and to determine the extent of soil contamination, and that the exceedance of one or more applicable SCOs or Supplemental SCOs (which is the lower of protection of public health, protection of groundwater, or protection of ecological resources soil cleanup objectives), alone does not trigger the need for remedial

action, define “unacceptable” levels of contaminants in soil, or indicates that a site qualifies for any DEC remedial program.”

Reported analytical groundwater results for the analyzed constituents were compared to NYSDEC Technical and Operational Guidance Series (TOGS) groundwater standards and guidance values.

There are no promulgated free-phase product cleanup standards in New York. It is also uncertain if the standing water (with visible oil sheen) observed in the elevator pit is contained in this pit or is impacting groundwater. Therefore it is recommended that the Division of Environmental Remediation Spill Response Guidance Policy – Spill Guidance Manual, which discusses evaluating and remediating free-phase product, be utilized going forward.

4.4.2 Soil Analytical Results

Soil analytical results along with the appropriate unrestricted SCOs are summarized in Table 2. Neither VOCs, PAHs, nor RCRA metals were detected above SCOs in the soil samples from B-101, B-103, and B-104.

Several VOCs, primarily gasoline related compounds, were detected in the soil sample collected from B-102 at concentrations above SCOs. One PAH compound (naphthalene) was reported above its SCO in the B-102 soil sample. Three RCRA metals (cadmium, chromium, and lead) were also reported above their respective SCOs in the B-102 soil sample.

Neither VOCs nor PAHs were detected above SCOs in the soil samples from B-105. One RCRA metal (lead at 70.6 mg/kg) was reported above its respective SCO of 63 mg/kg in the B-105 sample

4.4.3 Groundwater Analytical Results

Groundwater analytical results along with the appropriate NYSDEC TOGS Groundwater Standards and guidance values are summarized in Table 3. Neither VOCs, PAHs, nor RCRA metals were detected above TOGS Groundwater Quality Standards in the groundwater samples from B-101, B-104 or B-105.

Several gasoline related VOCs and one PAH (naphthalene) were detected in the groundwater samples from B-102 and B-103 at concentrations above TOGS Groundwater Quality Standards.

No RCRA metals were detected above TOGS Groundwater Quality Standards in the groundwater samples from B-102 or B-103.

4.4.4 Other

Results of the PCB analysis on the oil matrix/layer from the standing water in the elevator shaft are presented in Table 4. The standard practice for this type of analysis is for the oil to be

analyzed by weight, therefore the results are presented in micrograms per kilogram (ug/kg) units.

As shown on Table 4, there were no PCBs detected above laboratory reporting limits in this oil matrix sample.

5.0 CONCLUSIONS

Stantec, on behalf of A&P, has completed a Phase II Environmental Site Assessment (ESA) of the property located at 410 West 207th Street, New York, New York. The recognized environmental conditions assessed as part of this Phase II ESA were a former gasoline station located in the northeastern area of the leased portion of the site, fill material imported from off-site sources that may contain contaminants, and two hydraulic elevators within the site building.

The assessments performed to evaluate the RECs were the installation and sampling of five soil borings and five temporary monitoring wells at the property (B-101 near the site building on the A&P owned lot, B-102 and B-103 in the vicinity of the former gasoline station in the northeastern area of the leased lot, and B-104 and B-105 in the northeastern area of the A&P-owned lot), along with a visual inspection of the two elevator shafts/pits within the site building. In addition to the analysis of selected soil and groundwater samples, a sample of the oil observed at the bottom of one of the elevator pits was analyzed. The purpose of this work was to evaluate potential impacts to soil and groundwater quality at the property. Based on the data presented above, the following conclusions can be made:

- Most soils encountered during the drilling activities generally consisted of fine to medium sand, which were indicative of fill material.
- Depth to groundwater ranged from approximately 9 to 13 feet below ground surface.
- Field screening of soil samples from the Geoprobe borings indicated olfactory evidence of contamination (petroleum odors) in the top seven feet in B-102. Elevated PID readings were also observed in samples collected from borings B-102 and B-103.
- Gasoline-related VOCs and one PAH compound (naphthalene) were detected at concentrations above SCOs in the soil sample collected from B-102.
- Three RCRA metals (cadmium, chromium, and lead) were reported above their respective SCO in the B-102 soil sample. One RCRA metal (lead) was reported above its respective SCO in the B-105 soil sample.

- VOCs, PAHs, and RCRA metals were not detected above Groundwater Quality Standards in the groundwater sample collected from B-101, B-104, and B-105.
- RCRA metals were not detected above Groundwater Quality Standards in the groundwater sample collected from B-102 and B-103.
- Gasoline-related VOCs were detected at concentrations above Groundwater Quality Standards in the groundwater samples collected from B-102 and B-103.
- One PAH compound (naphthalene) was reported above its Groundwater Quality Standard in the B-102 and B-103 groundwater samples.
- PCBs were not detected above laboratory reporting limits in the elevator pit oil sample.

The soil and groundwater analytical results do not indicate impacts on the A&P-owned lot from the former gasoline station located on the A&P-leased lot.

6.0 RECOMMENDATIONS

Based on the results of this assessment the following further work is recommended:

- Construction plans and/or specifications of the elevator shaft(s) and site building should be reviewed, if available, to evaluate the potential source of observed standing water in the elevator shafts, and the discharge point for water pumped from the elevator sumps.
- Advance hand augers or Geoprobe borings through the bottom of the elevator shaft and/or at loading dock area to evaluate potential hydraulic oil releases to underlying soils and groundwater from the elevator.

LIMITATIONS

1. The conclusions presented in this report are based on soil and groundwater data collected from widely-spaced explorations targeting areas of suspected contamination based on Stantec's site reconnaissance and review of available information.
2. The conclusions presented on this report rely on the soil and water quality data provided by the subcontracted analytical laboratory and has not been independently confirmed and validated.
3. Soil and groundwater samples were analyzed for suspected parameters based on available information indicating the types of operations that have been performed and the suspected types of chemicals used and stored at the site. Other operations or uses

may have occurred at the Site that were not identified in our review of available information or were not communicated during interviews with knowledgeable individuals at the site.

4. Groundwater and soil contaminant concentrations fluctuate due to subsurface heterogeneities, variations in moisture content, biodegradation, natural attenuation, seasonal variations, and other factors.

5. Sampling methods employed were selected to meet the objectives of identifying the potential presence of subsurface contamination and are consistent with standard industry practice for due diligence assessments. These sampling methods were not designed to meet requirements for regulated release sites.

6. No environmental site assessment can wholly eliminate uncertainty regarding the existence of contamination in connection with a property. This study was designed to reduce, but not wholly eliminate, uncertainty regarding the existence of such conditions in a manner that recognizes reasonable limits of time and cost. Based on the scope of work, Stantec cannot warrant subsurface conditions in areas not tested.

7. This report has been prepared for the exclusive use of A&P (the Client) by the authority of Mr. David O'Sullivan and should not be reproduced or disseminated without the written approval of Stantec and the Client. Stantec has retained a copy of this report. No additions or deletions are permitted without the express written consent of Stantec. Use of this report in whole or in part by parties other than the Client is prohibited.

TABLES

Table 1
Well Construction Details
A & P Pathmark: 410 West 207th Street, NY, NY

Well No	Well Type	Date of Installation	Total Depth (ft bls)	Depth to Bedrock (ft bls)	Screened Interval Bot (ft bls)		Top (ft bls)	Depth to Water 7/19/2011 (ft bls)
B-101	TWT	7/19/2011	16.0	NE	16	-	6	13.1
B-102	TWT	7/19/2011	16.0	NE	16	-	6	9.3
B-103	TWT	7/19/2011	16.0	NE	16	-	6	9.2
B-104	TWT	10/24/2011	16.0	NE	16	-	6	10.0 *
B-105	TWT	10/24/2011	16.0	NE	16	-	6	9.9 *

Notes:
TWT = Temporary Water Table
ft bls = Feet below land surface
NE = Not encountered
* = Water levels measured in B-104 and B-105 on 10/24/11

Table 2
Summary of Soil Analytical Results
A & P Pathmark: 410 West 207th Street, NY, NY

Analyte/Method[1]	units[2]	NYSDEC Soil Cleanup Objectives [3]	Sample ID						
			B-101	B-102	B-103	Trip Blank	B-104	B-105	Trip Blank
Sample Depth	feet		4.8-6.1	6.5-7.0	6.5-7.3		8.0-10.0	8.0-10.0	
Sample Collection Date			7/19/2011	7/19/2011	7/19/2011	7/19/2011	10/14/2011	10/24/2011	10/24/2011
Volatile Organic Compounds (VOCs) by EPA Method 8260B									
n-Butylbenzene	mg/kg	12		**59.1**	1.610				
sec-Butylbenxene	mg/kg	11		**20.7**	0.499				
Ethylbenzene	mg/kg	1		**15.4**					
Isopropylbenzene	mg/kg	NS		30.9	0.404				
4-Isopropyltoluene	mg/kg	NS		10.4					
Methylene Chloride	mg/kg	0.05	0.0013 J				0.0047 J	0.0031 J	
Naphthalene	mg/kg	12		**140.0**			0.0308		
n-Propylbenzene	mg/kg	3.9		**111.0**	2.14				
1,2,4-Trimethylbenzene	mg/kg	3.6		**184.0**	0.146				
1,3,5-Trimethylbenzene	mg/kg	8.5		**60.5**					
Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270C									
Acenaphthene	mg/kg	20				NA	0.0485 J		NA
Anthracene	mg/kg	100					0.135 J		
Benzo(a)anthracene	mg/kg	1			0.0328 J	NA	0.232	0.0319 J	NA
Benzo(a)pyrene	mg/kg	1				NA	0.202	0.0347 J	NA
Benzo(b)fluoranthene	mg/kg	1				NA	0.172 J	0.0218 J	NA
Benzo(g,h,i)perylene	mg/kg	100				NA	0.117 J		NA
Benzo(k)fluoranthene	mg/kg	0.8				NA	0.156 J	0.0395 J	NA
Chrysene	mg/kg	1			0.0328 J	NA	0.194	0.0319 J	NA
Dibenz(a,h)anthracene	mg/kg	0.33				NA			NA
Fluoranthene	mg/kg	100			0.0657 J	NA	0.546	0.0676 J	NA
Flourene	mg/kg	30			0.0838 J	NA	0.0597 J		NA
Indeno(1,2,3-cd)pyrene	mg/kg	0.5				NA	0.117 J		NA
1-Methylnaphthalene	mg/kg	NS		27.7	0.308	NA			NA
2-Methylnaphthalene	mg/kg	NS		54.3	0.436	NA			NA
Naphthalene	mg/kg	12		**56.3**		NA			NA
Phenanthrene	mg/kg	100			0.155 J	NA	0.479	0.0350 J	NA
Pyrene	mg/kg	100			0.0768 J	NA	0.442	0.0537 J	NA
Total Metals by EPA 200 Series Methods									
Silver	mg/kg	2			0.326 J	NA		0.300 J	NA
Arsenic	mg/kg	13	0.243	4.36	0.704 J	NA	2.74	0.648 J	NA
Barium	mg/kg	350	8.87	266	19.0	NA	50.7	68.1	NA
Cadmium	mg/kg	2.5		**2.67**		NA	0.466 J	0.910	NA
Chromium	mg/kg	30	6.07	**37.1**	17.8	NA	17.6	21.1	NA
Mercury	mg/kg	0.18		0.103	0.109	NA	0.0225 J	0.0849	NA
Lead	mg/kg	63	0.957 J	**175**	5.32	NA	14.4	**70.6**	NA
Selenium	mg/kg	3.9		0.380			0.585 J	0.653 J	

Notes:
[1] Only detected compounds listed - all others below laboratory detection limits
[2] mg/kg = miligrams per kilogram = parts per million (ppm)
[3] Unrestricted Use Soil Cleanup Objectives from 6 NYCCR Table 375-6.8(a).
Bold = concentration exceeds Soil Cleanup Objectives

NS = No Standard
NA = Not Analyzed
J = Detected above Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration.

Table 3
Summary of Groundwater Analytical Results
A & P Pathmark: 410 West 207th Street, NY, NY

Analyte/Method[1]	units[2]	NYSDEC TOGS Groundwater Quality Standard[3]	Sample ID						
			B-101	B-102	B-103	Trip Blank	B-104	B-105	Trip Blank
Sample Collection Date			7/19/2011	7/19/2011	7/19/2011	7/19/2011	10/24/2011	10/24/2011	10/24/2011
Volatile Organic Compounds (VOCs) by EPA Method 8260B									
Acetone	µg/l	50 *	<10.0	11.6			4.7 J	4.0 J	
Benzene	µg/l	1	<1.0	**3.6**	**10.7**				
2-Butanone (MEK)	µg/l	50 *	<10	2.7 J					
n-Butylbenzene	µg/l	5	<1.0	**54.2**	**56.1**				
sec-Butylbenzene	µg/l	5	<1.0	**30.3**	**24.2**				
tert-butylbenzene	µg/l	5	<1.0	4.3					
Carbon disulfide	µg/l	NS	<2.0	0.7 J					
Ethylbenzene	µg/l	5	<1.0	**46.6**	**12.3**				
Isopropylbenzene	µg/l	5	<1.0	**129 E**	**128**				
4-Isopropyltoluene	µg/l	5	<1.0	**10**					
Methyl tert butyl ether	µg/l	NS	0.7 J						
Naphthalene	µg/l	10 *	1.0	**182 E**	**133**		1.0		
n-Propylbenzene	µg/l	5	0.8 J	**311 E**	**383**				
Toluene	µg/l	5	<1.0	2.6					
1,2,4-Trimethylbenzene	µg/l	5	<1.0	**172 E**					
1,3,5-Trimethylbenzene	µg/l	5	<1.0	**51.3**					
m,p-Xylene	µg/l	5	<2.0	**10.5**					
o-Xylene	µg/l	5	<1.0	3.4					
Total Xylenes	µg/l	NS	<3.0	13.9					
Tert butyl alcohol	µg/l	NS	<10.0	9.0 J					
Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270C									
Anthracene	µg/l	50 *	<6.33		1.22 J	NA	0.945 J	NT	NA
Benzo (a) anthracene	µg/l	0.002 *				NA	2.14 J	NT	NA
Benzo(a)pyrene	µg/l	NS				NA	1.82 J	NT	NA
Benzo(b)fluoranthene	µg/l	0.002 *				NA	1.37 J	NT	NA
Benzo(g,h,i)perylene	µg/l	NS				NA		NT	NA
Benzo(k)fluoranthene	µg/l	0.002 *				NA	1.84 J	NT	NA
Chrysene	µg/l	0.002 *				NA	1.71 J	NT	NA
Fluoranthene	µg/l	50				NA	3.87 J	NT	NA
Fluorene	µg/l	50 *	<6.33		1.22 J	NA		NT	NA
1-Methylnaphthalene	µg/l	NS	<6.33	57.8	22.7	NA		NT	NA
2-Methylnaphthalene	µg/l	NS	<6.33	25.9	28.5	NA		NT	NA
Naphthalene	µg/l	10 *	<6.33	**52.6**	**32.4**	NA		NT	NA
Phenanthrene	µg/l	50 *	<6.33		2.00 J	NA	3.13 J	NT	NA
Pyrene	µg/l	50 *				NA	3.84 J	NT	NA
Total Metals by EPA 200/6000/7000 Series Methods									
Arsenic	mg/l	0.025				NA	0.0107		NA
Barium	mg/l	1	0.372	0.335	0.451	NA	0.540	0.181	NA
Cadmium	mg/l	0.005	<0.0025	0.003 J	0.0004 J	NA	0.0008 J		NA
Chromium	mg/l	0.050				NA		0.0138	NA
Mercury	mg/l	0.0007	0.00007 J			NA			NA
Lead	mg/l	0.025	<0.0075	0.0120		NA			NA
Field Parameters									
pH	units		NA	6.90	6.84	NA	6.68	7.05	NA
Specific Conductivity	umhos/cm		NA	5,120	5,710	NA	5,880	2,800	NA

Notes:
[1] Only detected compounds listed - all others below laboratory detection limits
[2] µg/l = micrograms per liter = parts per billion (ppb)
[3] NYSDEC Technical and Operational Guidence Memo 1.1.1 Groundwater Quality Standard
* Guidence Value
Bold = concentration exceeds Groundwater Quality Standard

NS = No Standard
NA = Not Analyzed
NT = Not Tested, sample bottles broken during shipment to laboratory.
J = Detected above Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration.
E = Concentration indicted is an estimated value.

Table 4
Summary of Elevator Pit Oil Analytical Results
A & P Pathmark: 410 West 207th Street, NY, NY

Analyte/Method	units[1]	Sample ID
		Oil
Sample Collection Date		**8/25/2011**
Polychlorinated Biphenylls (PCBs) by EPA Method 8082A		
Aroclor - 1016	µg/kg	< 160
Aroclor - 1221	µg/kg	< 197
Aroclor - 1232	µg/kg	< 162
Aroclor - 1242	µg/kg	< 217
Aroclor - 1248	µg/kg	< 186
Aroclor - 1254	µg/kg	< 102
Aroclor - 1260	µg/kg	< 145
Aroclor - 1262	µg/kg	< 341
Aroclor - 1268	µg/kg	< 132

Notes:

[1] µg/kg = micrograms per kilogram = parts per billion (ppb)

FIGURES

MAP SOURCE:

MICROSOFT RESEARCH MAPS

USGS CENTRAL PARK [NY] QUAD
40.8637°N, 73.9175°W (NAD83/WGS84)

NORTH

NEW YORK

2000 0 2000

Scale in feet

File: NY_8-18-11.dwg
AUGUST, 2011
191710847

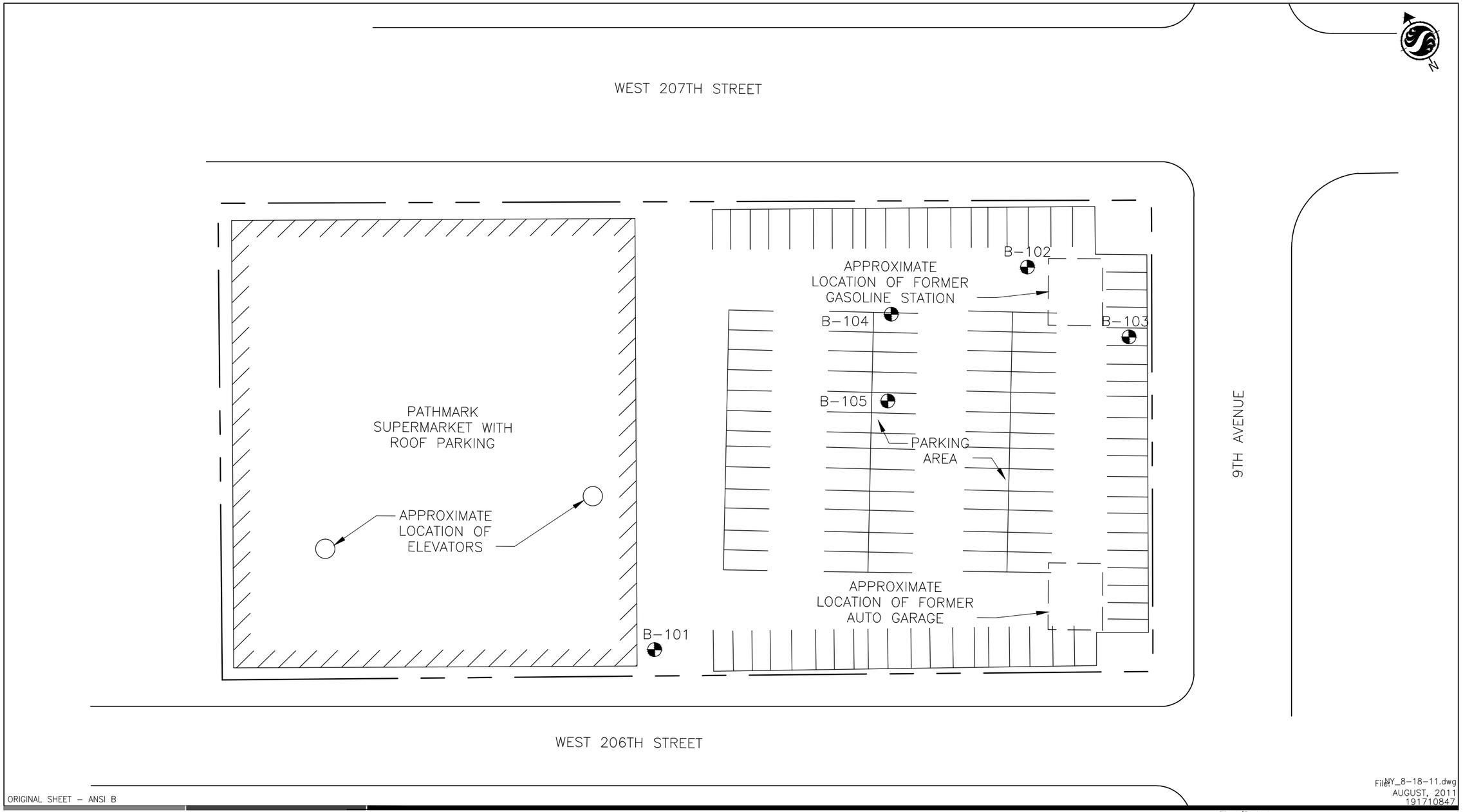
ORIGINAL SHEET – ANSI A

Stantec Consulting Services Inc.
5 Dartmouth Drive, Suite 101
Auburn NH U.S.A.
03032-3984
Tel. 603.669.8672
Fax. 603.669.7636
www.stantec.com

Client/Project
THE GREAT A&P TEA COMPANY
PATHMARK SUPERMARKET
410 WEST 207TH ST NY, NY

Figure No.
1.0

Title
SITE LOCATION MAP



ORIGINAL SHEET – ANSI B

File NY_8-18-11.dwg
AUGUST, 2011
191710847

Stantec Consulting Services Inc.
5 Dartmouth Drive, Suite 101
Auburn NH U.S.A.
03032-3984
Tel. 603.669.8672
Fax. 603.669.7636
www.stantec.com

Legend

B-101 – BORING LOCATION (APPROXIMATE)

Notes

THIS PLAN BASED UPON BASE PLAN PROVIDED BY WHITESTONE ASSOCIATED, INC.

0 40' 80'

Client/Project
THE GREAT A&P TEA COMPANY
PATHMARK SUPERMARKET
410 WEST 207TH ST NY, NY

Figure No.
2.0

Title
BORING LOCATION PLAN

APPENDIX A

Boring Logs

BOREHOLE LOG

B-101

Stantec

CLIENT **A&P**

LOCATION **410 West 207th Street, Inwood, NY**

EXPLORATION DATE **7/19/2011 to 7/19/2011** WATER LEVEL **13.1**

PROJECT No. **191710847**

EXPLORATION No. **B-101**

DATUM **Ground Surface**

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (in.)	SAMPLES SPT blows / 6"	SAMPLES SPT N-Value	PID Reading (PPM)
0		Asphalt base								
		Clear boring to 4 feet below grade using an air knife Large cobble at 4 feet			GRAB	1				0.0
		Dark brown fine to medium SAND*								1.2
5		Very pale yellow medium SAND			PUSH	2	41			0.0
		Red/brown fine SAND								
		Red/brown silty fine SAND			PUSH	3	24			0.0
10		Dark brown silty fine SAND and organics		▽						
		Olive clayey SILT with some fine sand			PUSH	4	36			0.0
15		Boring terminated at 16 feet below ground surface. No refusal encountered. Temporary 1-inch PVC monitoring well installed to collect a groundwater sample.								

Undrained Shear Strength - tsf: 1 2 3 4

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/foot ★

Standard Penetration Test, blows/foot ●

10 20 30 40 50 60 70 80 90

Driller: Hawk Drilling, Inc.; Supervisor: B. Bline

* Sample submitted for laboratory analysis

△ Unconfined Compression Test

☐ Field Vane Test ■ Remolded

✖ Pocket Penetrometer / Torvane

BOREHOLE LOG

B-102

Stantec

CLIENT **A&P**

LOCATION **410 West 207th Street, Inwood, NY**

EXPLORATION DATE **7/19/2011 to 7/19/2011** WATER LEVEL **9.3**

PROJECT No. **191710847**

EXPLORATION No. **B-102**

DATUM **Ground Surface**

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (in.)	SAMPLES SPT blows / 6"	SAMPLES SPT N-Value	PID Reading (PPM)
0		Asphalt base								0.0
		Clear boring to 5 feet below grade using an air knife								
		Cuttings consist of dark gray/brown medium SAND with some silt and fine sand; petroleum odor			GRAB	1				187
										48
5		Gray/black fine SAND								
		Dark brown fine SAND; petroleum odor*			PUSH	2	34			858
		Gray fine to medium SAND								
		Cave-in		▽						
10		Light gray fine SAND			PUSH	3	42			462
		Gray/dark brown fine SAND								
		Light gray/dark gray fine to medium SAND								
		Chocolate brown fine SAND								
		Gray brown fine to medium SAND								
		Reddish brown fine silty SAND			PUSH	4	48			
		Dark brown silty fine SAND								
15										
		Boring terminated at 16 feet below ground surface. No refusal encountered. Temporary 1-inch PVC monitoring well installed to collect a groundwater sample.								

Undrained Shear Strength - tsf: 1 2 3 4

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/foot ★

Standard Penetration Test, blows/foot ●

10 20 30 40 50 60 70 80 90

Driller: Hawk Drilling, Inc.; Supervisor: B. Bline

* Sample submitted for laboratory analysis

△ Unconfined Compression Test

□ Field Vane Test ■ Remolded

✖ Pocket Penetrometer / Torvane

BOREHOLE LOG

B-103

Stantec

CLIENT **A&P**

LOCATION **410 West 207th Street, Inwood, NY**

EXPLORATION DATE **7/19/2011 to 7/19/2011** WATER LEVEL **9.2**

PROJECT No. **191710847**

EXPLORATION No. **B-103**

DATUM **Ground Surface**

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (in.)	SAMPLES SPT blows / 6"	SAMPLES SPT N-Value	PID Reading (PPM)
0		Asphalt base								
		Clear boring to 5 feet below grade using an air knife			GRAB	1				20.3
5		Dark brown silty fine SAND			PUSH	2	28			1275
		Light gray/dark gray fine to medium SAND*								
		Light gray/dark gray silty fine SAND with trace gravel		▽						72
		Gray silty fine SAND grading to chocolate brown silty fine SAND			PUSH	3	30			
10		Chocolate brown silty fine SAND								
		Gray medium SAND			PUSH	4	48			
		Dark brown silty fine SAND with organics								
15		Boring terminated at 16 feet below ground surface. No refusal encountered. Temporary 1-inch PVC monitoring well installed to collect a groundwater sample.								

Undrained Shear Strength - tsf: 1 2 3 4

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/foot ★

Standard Penetration Test, blows/foot ●

10 20 30 40 50 60 70 80 90

Driller: Hawk Drilling, Inc.; Supervisor: B. Bline

* Sample submitted for laboratory analysis

△ Unconfined Compression Test

☐ Field Vane Test ■ Remolded

✖ Pocket Penetrometer / Torvane

BOREHOLE LOG

B-104

Stantec

CLIENT A&P

LOCATION 410 West 207th Street, Inwood, NY

EXPLORATION DATE 10/24/2011 to 10/24/2011 WATER LEVEL 10

PROJECT No. 191710847

EXPLORATION No. B-104

DATUM Ground Surface

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	NUMBER	RECOVERY	SPT blows / 6"	SPT N-Value	PID Reading (PPM)
		Asphalt Pavement					in.			
0		ASPHALT								
		Gray poorly graded fine GRAVEL with medium to coarse sand			GRAB	1				0.3
		Brown to reddish brown well graded fine to medium SAND with gravel			PUSH	2	17			0.8
5					PUSH	3	45			0.6 0.6
		Reddish brown to dark brown silty fine to medium SAND								
10				∇	PUSH	4	42			0.7 0.5
		Reddish brown poorly graded fine SAND								
		Dark brown ORGANIC SOIL			PUSH	5	44			0.9 0.8
15										
		Boring terminated at 16 feet below ground surface. No refusal encountered. Temporary 1-inch PVC monitoring well installed to collect a groundwater sample.								

Undrained Shear Strength - tsf: 1 2 3 4

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/foot ★

Standard Penetration Test, blows/foot ●

10 20 30 40 50 60 70 80 90

Driller: Hawk Drilling, Inc.; Supervisor: D. Chapman

Soil sample from 8-10' submitted for laboratory analysis

△ Unconfined Compression Test

□ Field Vane Test ■ Remolded

✖ Pocket Penetrometer / Torvane

BOREHOLE LOG

B-105

Stantec

CLIENT A&P

LOCATION 410 West 207th Street, Inwood, NY

EXPLORATION DATE 10/24/2011 to 10/24/2011 WATER LEVEL 9.9

PROJECT No. 191710847

EXPLORATION No. B-105

DATUM Ground Surface

DEPTH (ft)	ELEVATION (ft)	MATERIAL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES SPT blows / 6"	SAMPLES SPT N-Value	PID Reading (PPM)
		Asphalt Pavement					in.			
0		ASPHALT								
		Gray poorly graded fine GRAVEL with medium to coarse sand			GRAB	1				0.7
		Dark brown well graded medium to coarse SAND with gravel			PUSH	2	13			0.4
		White to light brown poorly graded fine to medium SAND, trace fine gravel			PUSH	3	41			0.4 1.1
5										
10				▽	PUSH	4	37			0.3 0.6
		Light yellowish brown poorly graded fine to medium SAND, trace fine gravel								
		Reddish brown poorly graded fine SAND			PUSH	5	44			0.4 0.5
		Dark brown ORGANIC SOIL								
15										
		Boring terminated at 16 feet below ground surface. No refusal encountered. Temporary 1-inch PVC monitoring well installed to collect a groundwater sample.								

Undrained Shear Strength - tsf: 1 2 3 4

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/foot ★

Standard Penetration Test, blows/foot ●

10 20 30 40 50 60 70 80 90

Driller: Hawk Drilling, Inc.; Supervisor: D. Chapman

Soil sample from 8-10' submitted for laboratory analysis

△ Unconfined Compression Test

□ Field Vane Test ■ Remolded

✖ Pocket Penetrometer / Torvane

STANTEC-GEO-I-VOC INWOOD BORING LOGS OCTOBER 2011.GPJ JW NHP.GDT 10/27/11

APPENDIX B

Laboratory Report
July 19, 2011 Soil and Ground Water Sampling Event

Report Date:
02-Aug-11 13:38

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Stantec Consulting Services
5 Dartmouth Drive, Suite 101
Auburn, NH 03032
Attn: Don Moore

Project: A&P Inwood - New York, NY
Project #: 191710847/Task 200

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB32020-01	Trip Blank	Distilled Water	19-Jul-11 00:00	20-Jul-11 10:00
SB32020-02	B-102 (6.5'-7.0')	Soil	19-Jul-11 09:50	20-Jul-11 10:00
SB32020-03	B-102	Ground Water	19-Jul-11 11:00	20-Jul-11 10:00
SB32020-04	B-103 (6.5'-7.3')	Soil	19-Jul-11 11:15	20-Jul-11 10:00
SB32020-05	B-103	Ground Water	19-Jul-11 12:30	20-Jul-11 10:00
SB32020-06	B-101 (4.8'-6.1')	Soil	19-Jul-11 13:40	20-Jul-11 10:00
SB32020-07	B-101	Ground Water	19-Jul-11 14:00	20-Jul-11 10:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 66 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received 4.6 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Additional dilution factors may be required to keep analyte concentration within instrument calibration.

This method is designed for use on samples containing low levels of VOCs, ranging 0.5 to 200 ug/Kg. Target analytes that are less responsive to purge and trap may be reported at concentrations over 200 ug/Kg if rerunning the sample from the methanol preserved vial via method SW846 5030 would result in the concentration being non-reportable. This would be due to the difference in final reporting limits between the two methods.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 6010C

Duplicates:

1114450-DUP1 *Source: SB32020-06*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Arsenic

1114453-DUP1 *Source: SB32020-05*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Cadmium

SW846 8260C

Calibration:

1106031

Analyte quantified by quadratic equation type calibration.

Acetone
Ethanol
Vinyl chloride

This affected the following samples:

1114738-BLK1
1114738-BS1
1114738-BSD1
B-102
S105593-ICV1
S106596-CCV1
Trip Blank

1107002

Analyte quantified by quadratic equation type calibration.

Naphthalene
trans-1,4-Dichloro-2-butene

SW846 8260C

Calibration:

1107002

This affected the following samples:

1114828-BLK1
1114828-BS1
1114828-BSD1
B-101 (4.8'-6.1')
S105925-ICV1
S106644-CCV1

1107021

Analyte quantified by quadratic equation type calibration.

1,1,1-Trichloroethane
1,2-Dibromo-3-chloropropane
1,4-Dioxane
2,2-Dichloropropane
2-Hexanone (MBK)
Bromodichloromethane
Bromoform
Carbon disulfide
Carbon tetrachloride
cis-1,3-Dichloropropene
Dibromochloromethane
trans-1,3-Dichloropropene

This affected the following samples:

S106315-ICV1

1107027

Analyte quantified by quadratic equation type calibration.

1,1,1,2-Tetrachloroethane
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane (EDB)
Acrylonitrile
Bromoform
cis-1,3-Dichloropropene
Dibromochloromethane
trans-1,3-Dichloropropene

This affected the following samples:

1114853-BLK1
1114853-BS1
1114853-BSD1
B-101
B-103
S106527-ICV1
S106621-CCV1

S106527-ICV1

Analyte percent recovery is outside individual acceptance criteria (70-130).

Carbon tetrachloride (132%)

SW846 8260C

Calibration:

S106527-ICV1

This affected the following samples:

1114853-BLK1
1114853-BS1
1114853-BSD1
B-101
B-103
S106621-CCV1

Laboratory Control Samples:

1114630 BS/BSD

Acetone percent recoveries (71/58) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-102 (6.5'-7.0')

1114847 BS/BSD

2-Butanone (MEK) percent recoveries (60/87) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-103 (6.5'-7.3')

Acetone percent recoveries (56/50) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-103 (6.5'-7.3')

Carbon tetrachloride percent recoveries (127/131) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-103 (6.5'-7.3')

Chloromethane percent recoveries (68/72) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-103 (6.5'-7.3')

1114853 BS/BSD

1,2-Dibromo-3-chloropropane percent recoveries (129/134) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-101
B-103

2-Butanone (MEK) percent recoveries (138/116) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-101
B-103

Carbon tetrachloride percent recoveries (138/130) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-101
B-103

SW846 8260C

Laboratory Control Samples:

1114853 BS/BSD

Ethanol percent recoveries (136/112) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-101
B-103

Naphthalene percent recoveries (131/124) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-101
B-102
B-103

Spikes:

1114630-MS1 *Source: SB32020-06*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

1,1,1-Trichloroethane
1,3,5-Trimethylbenzene
1,4-Dioxane
4-Isopropyltoluene
4-Methyl-2-pentanone (MIBK)
Acetone
Bromomethane
Carbon disulfide
Carbon tetrachloride
Dichlorodifluoromethane (Freon12)
m,p-Xylene
Naphthalene
o-Xylene
sec-Butylbenzene
tert-Butylbenzene
Tetrachloroethene
Vinyl chloride

1114630-MSD1 *Source: SB32020-06*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

1,3,5-Trimethylbenzene
1,4-Dioxane
4-Isopropyltoluene
4-Methyl-2-pentanone (MIBK)
Acetone
Bromomethane
Carbon disulfide
Dichlorodifluoromethane (Freon12)
n-Propylbenzene
sec-Butylbenzene
tert-Butylbenzene
Vinyl chloride

Samples:

S106572-CCV1

SW846 8260C

Samples:

S106572-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Chloromethane (-27.6%)
tert-Butylbenzene (20.5%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

1,1,1-Trichloroethane (26.4%)
1,2-Dibromo-3-chloropropane (27.7%)
4-Methyl-2-pentanone (MIBK) (26.2%)
Acetone (-28.8%)
Bromoform (22.2%)
Carbon tetrachloride (27.2%)
Dibromochloromethane (23.6%)
Tert-amyl methyl ether (25.4%)
Tert-Butanol / butyl alcohol (21.4%)
Tetrahydrofuran (27.6%)
trans-1,3-Dichloropropene (24.2%)

This affected the following samples:

1114630-BLK1
1114630-BS1
1114630-BSD1
1114630-MS1
1114630-MSD1
B-102 (6.5'-7.0')

S106596-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

2-Butanone (MEK) (-20.9%)
Acrylonitrile (-23.6%)
Dichlorodifluoromethane (Freon12) (-27.3%)
Ethyl ether (-22.8%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

Acetone (-22.4%)

This affected the following samples:

1114738-BLK1
1114738-BS1
1114738-BSD1
B-102
Trip Blank

S106607-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Bromomethane (-20.4%)
Chloroethane (-23.5%)
Chloromethane (-34.6%)
Di-isopropyl ether (-23.6%)
Ethanol (-24.0%)
Naphthalene (26.0%)

SW846 8260C

Samples:

S106607-CCV1

This affected the following samples:

1114847-BLK1
1114847-BS1
1114847-BSD1
B-103 (6.5'-7.3')

S106621-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Bromomethane (24.3%)
Carbon tetrachloride (29.8%)
Naphthalene (24.2%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

1,2-Dibromo-3-chloropropane (34.2%)

This affected the following samples:

1114853-BLK1
1114853-BS1
1114853-BSD1
B-101
B-102
B-103

S106644-CCV1

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

Acetone (26.8%)

This affected the following samples:

1114828-BLK1
1114828-BS1
1114828-BSD1
B-101 (4.8'-6.1')

SB32020-02 *B-102 (6.5'-7.0')*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB32020-03 *B-102*

The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).

1,2,4-Trimethylbenzene
Isopropylbenzene
Naphthalene
n-Propylbenzene

SB32020-03RE1 *B-102*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB32020-04 *B-103 (6.5'-7.3')*

Elevated Reporting Limits due to the presence of high levels of non-target analytes.

SB32020-05 *B-103*

SW846 8260C

Samples:

SB32020-05 *B-103*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8270D

Samples:

S106537-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

2-Methylnaphthalene (-54.5%)

This affected the following samples:

1114373-BLK1

SB32020-02 *B-102 (6.5'-7.0')*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank	191710847/Task 200	Distilled Water	19-Jul-11 00:00	20-Jul-11
SB32020-01				

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/l	1.0	0.6	1	SW846 8260C	27-Jul-11	27-Jul-11	JRO	1114738	X
67-64-1	Acetone	BDL	U	µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank	191710847/Task 200	Distilled Water	19-Jul-11 00:00	20-Jul-11
SB32020-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	BDL	U	µg/l	1.0	0.6	1	SW846 8260C	27-Jul-11	27-Jul-11	JRO	1114738	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	98			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	100			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	110			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	106			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (6.5'-7.0')	191710847/Task 200	Soil	19-Jul-11 09:50	20-Jul-11
SB32020-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
	VOC Extraction	Field extracted		N/A			1	VOC Soil Extraction	22-Jul-11	22-Jul-11	JLH	1114462	
Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Soil (high level)						Initial weight: 20.21 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	4460	2980	5000	SW846 8260C	26-Jul-11	27-Jul-11	naa	1114630	X
67-64-1	Acetone	BDL	U	µg/kg dry	44600	33500	5000	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	4460	3990	5000	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	4460	2340	5000	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	4460	2850	5000	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	4460	1460	5000	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	4460	1690	5000	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	4460	3080	5000	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	8930	8040	5000	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	44600	38300	5000	"	"	"	"	"	X
104-51-8	n-Butylbenzene	59,100		µg/kg dry	4460	2230	5000	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	20,700		µg/kg dry	4460	4330	5000	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	4460	3230	5000	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	8930	6380	5000	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	4460	4440	5000	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	4460	2500	5000	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	8930	6320	5000	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	4460	2180	5000	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	8930	2250	5000	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	4460	2720	5000	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	4460	3990	5000	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	8930	8440	5000	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	4460	2140	5000	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	4460	2770	5000	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	4460	4450	5000	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	4460	3590	5000	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	4460	4440	5000	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	4460	3010	5000	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	8930	7530	5000	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	4460	4080	5000	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	4460	2500	5000	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	4460	2210	5000	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	4460	1870	5000	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	4460	3700	5000	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	4460	2270	5000	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	4460	2250	5000	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	4460	1800	5000	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	4460	2750	5000	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	4460	2430	5000	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	4460	1260	5000	"	"	"	"	"	X
100-41-4	Ethylbenzene	15,400		µg/kg dry	4460	2720	5000	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	4460	3850	5000	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (6.5'-7.0')	191710847/Task 200	Soil	19-Jul-11 09:50	20-Jul-11
SB32020-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Soil (high level)						Initial weight: 20.21 g							
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	44600	11400	5000	SW846 8260C	26-Jul-11	27-Jul-11	naa	1114630	X
98-82-8	Isopropylbenzene	30,900		µg/kg dry	4460	2240	5000	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	10,400		µg/kg dry	4460	1850	5000	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	4460	3240	5000	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	44600	14500	5000	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	8930	2270	5000	"	"	"	"	"	X
91-20-3	Naphthalene	140,000		µg/kg dry	4460	2770	5000	"	"	"	"	"	X
103-65-1	n-Propylbenzene	111,000		µg/kg dry	4460	2680	5000	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	4460	3300	5000	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	4460	4280	5000	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	4460	3390	5000	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	4460	2550	5000	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	4460	4000	5000	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	4460	3870	5000	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	4460	3360	5000	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	4460	3160	5000	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	4460	3580	5000	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	4460	3840	5000	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	4460	3420	5000	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	4460	1800	5000	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	4460	2020	5000	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	184,000		µg/kg dry	4460	1460	5000	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	60,500		µg/kg dry	4460	4420	5000	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	4460	4190	5000	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	8930	8650	5000	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	4460	3050	5000	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	8930	8260	5000	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	4460	4160	5000	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	4460	3520	5000	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	4460	1560	5000	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	4460	1440	5000	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	44600	25300	5000	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	89300	73100	5000	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/kg dry	22300	11400	5000	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/kg dry	1790000	373000	5000	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	111			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	105			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	101			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	103			*70-130 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GCMS

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (6.5'-7.0')	191710847/Task 200	Soil	19-Jul-11 09:50	20-Jul-11
SB32020-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C			GS1										
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	534	60.2	1	SW846 8270D	25-Jul-11	26-Jul-11	MSL	1114505	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	5340	612	10	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	5340	628	10	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	5340	621	10	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	5340	706	10	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	5340	644	10	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	5340	819	10	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	5340	945	10	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	5340	638	10	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	5340	738	10	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/kg dry	5340	977	10	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	5340	680	10	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	5340	987	10	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	27,700		µg/kg dry	5340	783	10	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	54,300		µg/kg dry	5340	631	10	"	"	"	"	"	X
91-20-3	Naphthalene	56,300		µg/kg dry	5340	540	10	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/kg dry	5340	602	10	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/kg dry	5340	1070	10	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	79			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	92			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.50	0.231	1	SW846 6010C	26-Jul-11	29-Jul-11	ARF\A	1114450	X
7440-38-2	Arsenic	4.36		mg/kg dry	1.50	0.241	1	"	"	"	"	"	X
7440-39-3	Barium	266		mg/kg dry	0.999	0.241	1	"	"	"	"	"	X
7440-43-9	Cadmium	2.67		mg/kg dry	0.500	0.0552	1	"	"	"	"	"	X
7440-47-3	Chromium	37.1		mg/kg dry	0.999	0.364	1	"	"	"	"	"	X
7439-97-6	Mercury	0.103		mg/kg dry	0.0318	0.0065	1	SW846 7471B	"	01-Aug-11	EDT	1114451	X
7439-92-1	Lead	175		mg/kg dry	1.50	0.178	1	SW846 6010C	"	29-Jul-11	ARF\A	1114450	X
7782-49-2	Selenium	0.380	J	mg/kg dry	1.50	0.222	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	92.0		%			1	SM2540 G Mod.	22-Jul-11	22-Jul-11	DT	1114432	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102	191710847/Task 200	Ground Water	19-Jul-11 11:00	20-Jul-11
SB32020-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/l	1.0	0.6	1	SW846 8260C	27-Jul-11	27-Jul-11	JRO	1114738	X
67-64-1	Acetone	11.6		µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	3.6		µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	2.7	J	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	54.2		µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	30.3		µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	4.3		µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	0.7	J	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	46.6		µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102	191710847/Task 200	Ground Water	19-Jul-11 11:00	20-Jul-11
SB32020-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	129	E	µg/l	1.0	0.6	1	SW846 8260C	27-Jul-11	27-Jul-11	JRO	1114738	X
99-87-6	4-Isopropyltoluene	10.0		µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	182	E	µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	311	E	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	2.6		µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	172	E	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	51.3		µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	10.5		µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	3.4		µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	9.0	J	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	98			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	102			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	105			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	103			*70-130 %*			"	"	"	"	"	
Re-analysis of Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	146		µg/l	5.0	3.1	5	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102	191710847/Task 200	Ground Water	19-Jul-11 11:00	20-Jul-11
SB32020-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Re-analysis of Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Water MS													
91-20-3	Naphthalene	223		µg/l	5.0	1.7	5	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X
103-65-1	n-Propylbenzene	387		µg/l	5.0	3.8	5	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	154		µg/l	5.0	3.8	5	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	103			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	102			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	114			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	111			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													
83-32-9	Acenaphthene	BDL	U	µg/l	6.10	0.988	1	SW846 8270D	22-Jul-11	28-Jul-11	ML	1114373	X
208-96-8	Acenaphthylene	BDL	U	µg/l	6.10	1.23	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/l	6.10	0.902	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/l	6.10	0.683	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/l	6.10	1.02	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/l	6.10	1.17	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/l	6.10	1.77	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/l	6.10	1.85	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/l	6.10	0.805	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/l	6.10	1.60	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/l	6.10	2.61	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/l	6.10	1.11	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/l	6.10	1.63	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	57.8		µg/l	6.10	1.34	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	25.9		µg/l	6.10	1.56	1	"	"	"	"	"	X
91-20-3	Naphthalene	52.6		µg/l	6.10	0.915	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/l	6.10	0.732	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/l	6.10	3.01	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	66			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	70			*30-130 %*			"	"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods													
	Filtration	Field Filtered		N/A			1	EPA 200.7/3005A/6010			LA	1114461	
Soluble Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/l	0.0050	0.0020	1	SW846 6010C	27-Jul-11	30-Jul-11	ARF/E	1114453	X
7440-38-2	Arsenic	BDL	U	mg/l	0.0040	0.0032	1	"	"	"	"	"	X
7440-39-3	Barium	0.335		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7440-43-9	Cadmium	0.0003	J	mg/l	0.0025	0.0001	1	"	"	"	"	"	X
7440-47-3	Chromium	BDL	U	mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7439-92-1	Lead	0.0120		mg/l	0.0075	0.0045	1	"	"	"	"	"	X
7782-49-2	Selenium	BDL	U	mg/l	0.0150	0.0024	1	"	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods													
7439-97-6	Mercury	BDL	U	mg/l	0.00020	0.00007	1	EPA 245.1/7470A	27-Jul-11	28-Jul-11	EDT	1114454	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (6.5'-7.3')	191710847/Task 200	Soil	19-Jul-11 11:15	20-Jul-11
SB32020-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
	VOC Extraction	Field extracted		N/A			1	VOC Soil Extraction	22-Jul-11	22-Jul-11	JLH	1114462	
Volatile Organic Compounds			R05										
Prepared by method SW846 5030 Soil (high level)						Initial weight: 29.72 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	118	78.4	200	SW846 8260C	28-Jul-11	28-Jul-11	naa	1114847	X
67-64-1	Acetone	BDL	U	µg/kg dry	1180	883	200	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	118	105	200	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	118	61.7	200	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	118	75.0	200	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	118	38.5	200	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	118	44.4	200	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	118	81.2	200	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	235	212	200	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	1180	1010	200	"	"	"	"	"	X
104-51-8	n-Butylbenzene	1,610		µg/kg dry	118	58.6	200	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	499		µg/kg dry	118	114	200	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	118	85.0	200	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	235	168	200	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	118	117	200	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	118	65.7	200	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	235	166	200	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	118	57.5	200	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	235	59.1	200	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	118	71.6	200	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	118	105	200	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	235	222	200	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	118	56.4	200	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	118	72.9	200	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	118	117	200	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	118	94.6	200	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	118	117	200	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	118	79.3	200	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	235	198	200	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	118	107	200	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	118	65.7	200	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	118	58.3	200	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	118	49.4	200	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	118	97.5	200	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	118	59.8	200	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	118	59.1	200	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	118	47.4	200	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	118	72.5	200	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	118	64.0	200	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	118	33.1	200	"	"	"	"	"	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	118	71.6	200	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	118	101	200	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (6.5'-7.3')	191710847/Task 200	Soil	19-Jul-11 11:15	20-Jul-11
SB32020-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds			R05										
Prepared by method SW846 5030 Soil (high level)						Initial weight: 29.72 g							
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	1180	300	200	SW846 8260C	28-Jul-11	28-Jul-11	naa	1114847	X
98-82-8	Isopropylbenzene	404		µg/kg dry	118	59.0	200	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	118	48.6	200	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	118	85.4	200	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	1180	382	200	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	235	59.7	200	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	118	73.0	200	"	"	"	"	"	X
103-65-1	n-Propylbenzene	2,140		µg/kg dry	118	70.5	200	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	118	87.0	200	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	118	113	200	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	118	89.3	200	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	118	67.2	200	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	118	105	200	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	118	102	200	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	118	88.4	200	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	118	83.2	200	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	118	94.1	200	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	118	101	200	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	118	90.0	200	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	118	47.5	200	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	118	53.1	200	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	146		µg/kg dry	118	38.4	200	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	118	116	200	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	118	110	200	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	235	228	200	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	118	80.3	200	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	235	217	200	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	118	110	200	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	118	92.7	200	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	118	41.0	200	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	118	37.8	200	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	1180	665	200	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	2350	1920	200	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/kg dry	588	301	200	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/kg dry	47000	9830	200	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	112			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	102			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	87			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	82			*70-130 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GCMS

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (6.5'-7.3')	191710847/Task 200	Soil	19-Jul-11 11:15	20-Jul-11
SB32020-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	250	28.2	1	SW846 8270D	25-Jul-11	26-Jul-11	MSL	1114505	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	250	28.6	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	250	29.4	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	32.8	J	µg/kg dry	250	29.1	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	250	33.0	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	250	30.1	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	250	38.3	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	250	44.2	1	"	"	"	"	"	X
218-01-9	Chrysene	32.8	J	µg/kg dry	250	29.8	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	250	34.5	1	"	"	"	"	"	X
206-44-0	Fluoranthene	65.7	J	µg/kg dry	250	45.8	1	"	"	"	"	"	X
86-73-7	Fluorene	83.8	J	µg/kg dry	250	31.8	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	250	46.2	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	308		µg/kg dry	250	36.7	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	436		µg/kg dry	250	29.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	250	25.3	1	"	"	"	"	"	X
85-01-8	Phenanthrene	155	J	µg/kg dry	250	28.2	1	"	"	"	"	"	X
129-00-0	Pyrene	76.8	J	µg/kg dry	250	50.3	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	67			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	72			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	0.326	J	mg/kg dry	1.44	0.221	1	SW846 6010C	26-Jul-11	29-Jul-11	ARF\A	1114450	X
7440-38-2	Arsenic	0.704	J	mg/kg dry	1.44	0.231	1	"	"	"	"	"	X
7440-39-3	Barium	19.0		mg/kg dry	0.958	0.231	1	"	"	"	"	"	X
7440-43-9	Cadmium	BDL	U	mg/kg dry	0.479	0.0529	1	"	"	"	"	"	X
7440-47-3	Chromium	17.8		mg/kg dry	0.958	0.349	1	"	"	"	"	"	X
7439-97-6	Mercury	0.109		mg/kg dry	0.0276	0.0056	1	SW846 7471B	"	01-Aug-11	EDT	1114451	X
7439-92-1	Lead	5.32		mg/kg dry	1.44	0.170	1	SW846 6010C	"	29-Jul-11	ARF\A	1114450	X
7782-49-2	Selenium	BDL	U	mg/kg dry	1.44	0.212	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	94.8		%			1	SM2540 G Mod.	22-Jul-11	22-Jul-11	DT	1114432	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103	191710847/Task 200	Ground Water	19-Jul-11 12:30	20-Jul-11
SB32020-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/l	10.0	6.5	10	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X
67-64-1	Acetone	BDL	U	µg/l	100	25.6	10	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/l	5.0	4.6	10	"	"	"	"	"	X
71-43-2	Benzene	10.7		µg/l	10.0	6.7	10	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/l	10.0	7.2	10	"	"	"	"	"	
74-97-5	Bromochloromethane	BDL	U	µg/l	10.0	7.1	10	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/l	5.0	4.8	10	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/l	10.0	6.0	10	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/l	20.0	11.4	10	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/l	100	17.3	10	"	"	"	"	"	X
104-51-8	n-Butylbenzene	56.1		µg/l	10.0	5.6	10	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	24.2		µg/l	10.0	8.2	10	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/l	10.0	7.4	10	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/l	20.0	6.3	10	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/l	10.0	5.5	10	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/l	10.0	6.5	10	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/l	20.0	10.3	10	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/l	10.0	6.9	10	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/l	20.0	14.7	10	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/l	10.0	7.9	10	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/l	10.0	7.3	10	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/l	20.0	9.3	10	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/l	5.0	2.9	10	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/l	5.0	3.3	10	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/l	10.0	6.7	10	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/l	10.0	6.7	10	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/l	10.0	7.1	10	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/l	10.0	6.2	10	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/l	20.0	4.5	10	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/l	10.0	6.8	10	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/l	10.0	7.8	10	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/l	10.0	4.9	10	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/l	10.0	7.2	10	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/l	10.0	6.8	10	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/l	10.0	7.1	10	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/l	10.0	8.1	10	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/l	10.0	6.0	10	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/l	10.0	6.4	10	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/l	5.0	2.5	10	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/l	5.0	5.0	10	"	"	"	"	"	X
100-41-4	Ethylbenzene	12.3		µg/l	10.0	7.3	10	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/l	5.0	4.5	10	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/l	100	5.4	10	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103	191710847/Task 200	Ground Water	19-Jul-11 12:30	20-Jul-11
SB32020-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds			GS1										
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	128		µg/l	10.0	6.2	10	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/l	10.0	6.1	10	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/l	10.0	6.5	10	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/l	100	9.3	10	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/l	20.0	6.9	10	"	"	"	"	"	X
91-20-3	Naphthalene	133		µg/l	10.0	3.3	10	"	"	"	"	"	X
103-65-1	n-Propylbenzene	383		µg/l	10.0	7.6	10	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/l	10.0	6.2	10	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/l	10.0	6.3	10	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/l	5.0	3.5	10	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/l	10.0	7.4	10	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/l	10.0	8.1	10	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/l	10.0	3.8	10	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/l	10.0	3.6	10	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/l	10.0	7.8	10	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/l	10.0	5.8	10	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/l	10.0	6.4	10	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/l	10.0	7.6	10	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/l	10.0	6.3	10	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/l	10.0	7.4	10	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/l	10.0	7.6	10	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/l	10.0	7.4	10	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/l	10.0	8.1	10	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/l	20.0	16.4	10	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/l	10.0	8.8	10	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/l	20.0	14.4	10	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/l	10.0	6.9	10	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/l	10.0	7.2	10	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/l	10.0	7.8	10	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BDL	U	µg/l	10.0	7.3	10	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/l	100	86.4	10	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/l	200	140	10	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/l	50.0	7.7	10	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/l	4000	357	10	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	102			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	103			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	116			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	106			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103	191710847/Task 200	Ground Water	19-Jul-11 12:30	20-Jul-11
SB32020-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													
83-32-9	Acenaphthene	BDL	U	µg/l	5.88	0.953	1	SW846 8270D	22-Jul-11	28-Jul-11	ML	1114373	X
208-96-8	Acenaphthylene	BDL	U	µg/l	5.88	1.19	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/l	5.88	0.871	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/l	5.88	0.659	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/l	5.88	0.988	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/l	5.88	1.13	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/l	5.88	1.71	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/l	5.88	1.79	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/l	5.88	0.776	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/l	5.88	1.54	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/l	5.88	2.52	1	"	"	"	"	"	X
86-73-7	Fluorene	1.22	J	µg/l	5.88	1.07	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/l	5.88	1.58	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	22.7		µg/l	5.88	1.29	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	28.5		µg/l	5.88	1.51	1	"	"	"	"	"	X
91-20-3	Naphthalene	32.4		µg/l	5.88	0.882	1	"	"	"	"	"	X
85-01-8	Phenanthrene	2.00	J	µg/l	5.88	0.706	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/l	5.88	2.91	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	65			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	69			*30-130 %*			"	"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods													
	Filtration	Field Filtered		N/A			1	EPA 200.7/3005A/6010			LA	1114461	
Soluble Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/l	0.0050	0.0020	1	SW846 6010C	27-Jul-11	30-Jul-11	ARF/E	1114453	X
7440-38-2	Arsenic	BDL	U	mg/l	0.0040	0.0032	1	"	"	"	"	"	X
7440-39-3	Barium	0.451		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7440-43-9	Cadmium	0.0004	J	mg/l	0.0025	0.0001	1	"	"	"	"	"	X
7440-47-3	Chromium	BDL	U	mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7439-92-1	Lead	BDL	U	mg/l	0.0075	0.0045	1	"	"	"	"	"	X
7782-49-2	Selenium	BDL	U	mg/l	0.0150	0.0024	1	"	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods													
7439-97-6	Mercury	BDL	U	mg/l	0.00020	0.00007	1	EPA 245.1/7470A	27-Jul-11	28-Jul-11	EDT	1114454	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (4.8'-6.1')	191710847/Task 200	Soil	19-Jul-11 13:40	20-Jul-11
SB32020-06				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
	VOC Extraction	Field extracted		N/A			1	VOC Soil Extraction	22-Jul-11	22-Jul-11	JLH	1114462	
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 13.13 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	2.0	1.3	1	SW846 8260C	28-Jul-11	28-Jul-11	JRO	1114828	X
67-64-1	Acetone	BDL	U	µg/kg dry	19.7	14.8	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	2.0	1.3	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	2.0	0.6	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	2.0	0.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	2.0	1.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	3.9	3.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	19.7	16.9	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/kg dry	2.0	1.9	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	2.0	1.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	3.9	2.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	2.0	2.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	2.0	1.1	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	3.9	2.8	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	3.9	1.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	3.9	3.7	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	2.0	0.9	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	2.0	2.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	2.0	1.6	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	2.0	2.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	2.0	1.3	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	3.9	3.3	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	2.0	1.1	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	2.0	0.8	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	2.0	1.6	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	2.0	0.8	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	2.0	1.1	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	2.0	0.6	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	2.0	1.7	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (4.8'-6.1')	191710847/Task 200	Soil	19-Jul-11 13:40	20-Jul-11
SB32020-06				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 13.13 g							
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	19.7	5.0	1	SW846 8260C	28-Jul-11	28-Jul-11	JRO	1114828	X
98-82-8	Isopropylbenzene	BDL	U	µg/kg dry	2.0	1.0	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	2.0	0.8	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	2.0	1.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	19.7	6.4	1	"	"	"	"	"	X
75-09-2	Methylene chloride	1.3	J	µg/kg dry	3.9	1.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/kg dry	2.0	1.2	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	2.0	1.5	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	2.0	1.9	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	2.0	1.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	2.0	1.1	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	2.0	1.7	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	2.0	1.5	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	2.0	1.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	2.0	1.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	2.0	1.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	2.0	1.5	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	2.0	0.8	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	2.0	0.9	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/kg dry	2.0	0.6	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	2.0	2.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	3.9	3.8	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	2.0	1.3	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	3.9	3.6	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	2.0	1.8	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	2.0	1.6	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	2.0	0.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	2.0	0.6	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	19.7	11.1	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	39.4	32.2	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/kg dry	9.8	5.0	1	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/kg dry	787	165	1	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	96			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	99			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	119			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	105			*70-130 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GCMS

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (4.8'-6.1')	191710847/Task 200	Soil	19-Jul-11 13:40	20-Jul-11
SB32020-06				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	166	18.7	1	SW846 8270D	25-Jul-11	25-Jul-11	ML	1114505	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	166	19.0	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	166	19.5	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	166	19.3	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	166	21.9	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	166	20.0	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	166	25.5	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	166	29.4	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	166	19.8	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	166	23.0	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/kg dry	166	30.4	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	166	21.1	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	166	30.7	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BDL	U	µg/kg dry	166	24.4	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	166	19.6	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	166	16.8	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/kg dry	166	18.7	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/kg dry	166	33.4	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	77			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	83			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.30	0.201	1	SW846 6010C	26-Jul-11	29-Jul-11	ARF\A	1114450	X
7440-38-2	Arsenic	0.243	J	mg/kg dry	1.30	0.210	1	"	"	"	"	"	X
7440-39-3	Barium	8.87		mg/kg dry	0.870	0.210	1	"	"	"	"	"	X
7440-43-9	Cadmium	BDL	U	mg/kg dry	0.435	0.0480	1	"	"	"	"	"	X
7440-47-3	Chromium	6.07		mg/kg dry	0.870	0.317	1	"	"	"	"	"	X
7439-97-6	Mercury	BDL	U	mg/kg dry	0.0287	0.0059	1	SW846 7471B	"	01-Aug-11	EDT	1114451	X
7439-92-1	Lead	0.957	J	mg/kg dry	1.30	0.155	1	SW846 6010C	"	29-Jul-11	ARF\A	1114450	X
7782-49-2	Selenium	BDL	U	mg/kg dry	1.30	0.193	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	22-Jul-11	22-Jul-11	DT	1114432	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101	191710847/Task 200	Ground Water	19-Jul-11 14:00	20-Jul-11
SB32020-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/l	1.0	0.6	1	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X
67-64-1	Acetone	BDL	U	µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101	191710847/Task 200	Ground Water	19-Jul-11 14:00	20-Jul-11
SB32020-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	BDL	U	µg/l	1.0	0.6	1	SW846 8260C	28-Jul-11	28-Jul-11	eq	1114853	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	0.7	J	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	1.0		µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	0.8	J	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BDL	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	BDL	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	BDL	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	101			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	98			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	106			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	103			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101	191710847/Task 200	Ground Water	19-Jul-11 14:00	20-Jul-11
SB32020-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													
83-32-9	Acenaphthene	BDL	U	µg/l	6.33	1.03	1	SW846 8270D	22-Jul-11	28-Jul-11	ML	1114373	X
208-96-8	Acenaphthylene	BDL	U	µg/l	6.33	1.28	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/l	6.33	0.937	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/l	6.33	0.709	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/l	6.33	1.06	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/l	6.33	1.22	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/l	6.33	1.84	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/l	6.33	1.92	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/l	6.33	0.835	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/l	6.33	1.66	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/l	6.33	2.71	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/l	6.33	1.15	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/l	6.33	1.70	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BDL	U	µg/l	6.33	1.39	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BDL	U	µg/l	6.33	1.62	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/l	6.33	0.949	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/l	6.33	0.759	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/l	6.33	3.13	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	74			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	76			*30-130 %*			"	"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods													
	Filtration	Field Filtered		N/A			1	EPA 200.7/3005A/6010			LA	1114461	
Soluble Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/l	0.0050	0.0020	1	SW846 6010C	27-Jul-11	30-Jul-11	ARF/E	1114453	X
7440-38-2	Arsenic	BDL	U	mg/l	0.0040	0.0032	1	"	"	"	"	"	X
7440-39-3	Barium	0.372		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7440-43-9	Cadmium	BDL	U	mg/l	0.0025	0.0001	1	"	"	"	"	"	X
7440-47-3	Chromium	BDL	U	mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7439-92-1	Lead	BDL	U	mg/l	0.0075	0.0045	1	"	"	"	"	"	X
7782-49-2	Selenium	BDL	U	mg/l	0.0150	0.0024	1	"	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods													
7439-97-6	Mercury	0.00007	J	mg/l	0.00020	0.00007	1	EPA 245.1/7470A	27-Jul-11	28-Jul-11	EDT	1114454	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
Blank (1114630-BLK1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	33.4						
Acetone	BRL	U	µg/kg wet	376						
Acrylonitrile	BRL	U	µg/kg wet	44.8						
Benzene	BRL	U	µg/kg wet	26.2						
Bromobenzene	BRL	U	µg/kg wet	31.9						
Bromochloromethane	BRL	U	µg/kg wet	16.4						
Bromodichloromethane	BRL	U	µg/kg wet	18.9						
Bromoform	BRL	U	µg/kg wet	34.6						
Bromomethane	BRL	U	µg/kg wet	90.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	429						
n-Butylbenzene	BRL	U	µg/kg wet	25.0						
sec-Butylbenzene	BRL	U	µg/kg wet	48.5						
tert-Butylbenzene	BRL	U	µg/kg wet	36.2						
Carbon disulfide	BRL	U	µg/kg wet	71.4						
Carbon tetrachloride	BRL	U	µg/kg wet	49.7						
Chlorobenzene	BRL	U	µg/kg wet	28.0						
Chloroethane	BRL	U	µg/kg wet	70.8						
Chloroform	BRL	U	µg/kg wet	24.4						
Chloromethane	BRL	U	µg/kg wet	25.2						
2-Chlorotoluene	BRL	U	µg/kg wet	30.4						
4-Chlorotoluene	BRL	U	µg/kg wet	44.8						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	94.6						
Dibromochloromethane	BRL	U	µg/kg wet	24.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	31.0						
Dibromomethane	BRL	U	µg/kg wet	49.9						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	40.2						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	49.8						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	33.8						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	84.4						
1,1-Dichloroethane	BRL	U	µg/kg wet	45.6						
1,2-Dichloroethane	BRL	U	µg/kg wet	28.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	24.8						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	21.0						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	41.5						
1,2-Dichloropropane	BRL	U	µg/kg wet	25.4						
1,3-Dichloropropane	BRL	U	µg/kg wet	25.2						
2,2-Dichloropropane	BRL	U	µg/kg wet	20.2						
1,1-Dichloropropene	BRL	U	µg/kg wet	30.8						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	27.2						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	14.1						
Ethylbenzene	BRL	U	µg/kg wet	30.4						
Hexachlorobutadiene	BRL	U	µg/kg wet	43.1						
2-Hexanone (MBK)	BRL	U	µg/kg wet	128						
Isopropylbenzene	BRL	U	µg/kg wet	25.1						
4-Isopropyltoluene	BRL	U	µg/kg wet	20.7						
Methyl tert-butyl ether	BRL	U	µg/kg wet	36.4						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	163						
Methylene chloride	BRL	U	µg/kg wet	25.4						
Naphthalene	BRL	U	µg/kg wet	31.0						
n-Propylbenzene	BRL	U	µg/kg wet	30.0						
Styrene	BRL	U	µg/kg wet	37.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	48.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
Blank (1114630-BLK1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	38.0						
Tetrachloroethene	BRL	U	µg/kg wet	28.6						
Toluene	BRL	U	µg/kg wet	44.8						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	43.3						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	37.6						
1,3,5-Trichlorobenzene	BRL	U	µg/kg wet	35.4						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	40.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	43.0						
Trichloroethene	BRL	U	µg/kg wet	38.3						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	20.2						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	22.6						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	16.4						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	49.6						
Vinyl chloride	BRL	U	µg/kg wet	46.9						
m,p-Xylene	BRL	U	µg/kg wet	97.0						
o-Xylene	BRL	U	µg/kg wet	34.2						
Tetrahydrofuran	BRL	U	µg/kg wet	92.5						
Ethyl ether	BRL	U	µg/kg wet	46.6						
Tert-amyl methyl ether	BRL	U	µg/kg wet	39.4						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	17.4						
Di-isopropyl ether	BRL	U	µg/kg wet	16.1						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	283						
1,4-Dioxane	BRL	U	µg/kg wet	819						
trans-1,4-Dichloro-2-butene	BRL	U	µg/kg wet	128						
Ethanol	BRL	U	µg/kg wet	4180						
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*27.2*		µg/kg wet		*30.0*		*91*	*70-130*		
LCS (1114630-BS1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.5		µg/kg wet		20.0		93	70-130		
Acetone	14.2		µg/kg wet		20.0		71	70-130		
Acrylonitrile	18.2		µg/kg wet		20.0		91	70-130		
Benzene	20.8		µg/kg wet		20.0		104	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	23.3		µg/kg wet		20.0		116	70-130		
Bromoform	24.4		µg/kg wet		20.0		122	70-130		
Bromomethane	16.9		µg/kg wet		20.0		84	70-130		
2-Butanone (MEK)	19.8		µg/kg wet		20.0		99	70-130		
n-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130		
sec-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
tert-Butylbenzene	24.1		µg/kg wet		20.0		120	70-130		
Carbon disulfide	17.6		µg/kg wet		20.0		88	70-130		
Carbon tetrachloride	25.4		µg/kg wet		20.0		127	70-130		
Chlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
Chloroethane	16.6		µg/kg wet		20.0		83	70-130		
Chloroform	18.3		µg/kg wet		20.0		92	70-130		
Chloromethane	14.5		µg/kg wet		20.0		72	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
LCS (1114630-BS1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,2-Dibromo-3-chloropropane	25.5		µg/kg wet		20.0		128	70-130		
Dibromochloromethane	24.7		µg/kg wet		20.0		124	70-130		
1,2-Dibromoethane (EDB)	22.4		µg/kg wet		20.0		112	70-130		
Dibromomethane	23.1		µg/kg wet		20.0		116	70-130		
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		107	70-130		
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	18.7		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethane	18.1		µg/kg wet		20.0		91	70-130		
1,2-Dichloroethane	21.3		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130		
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichloropropane	22.2		µg/kg wet		20.0		111	70-130		
2,2-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	21.5		µg/kg wet		20.0		107	70-130		
cis-1,3-Dichloropropene	23.2		µg/kg wet		20.0		116	70-130		
trans-1,3-Dichloropropene	24.8		µg/kg wet		20.0		124	70-130		
Ethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Hexachlorobutadiene	20.4		µg/kg wet		20.0		102	70-130		
2-Hexanone (MBK)	20.0		µg/kg wet		20.0		100	70-130		
Isopropylbenzene	21.6		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	23.2		µg/kg wet		20.0		116	70-130		
Methyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130		
4-Methyl-2-pentanone (MIBK)	25.2		µg/kg wet		20.0		126	70-130		
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130		
Naphthalene	23.2		µg/kg wet		20.0		116	70-130		
n-Propylbenzene	22.5		µg/kg wet		20.0		113	70-130		
Styrene	20.1		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	23.3		µg/kg wet		20.0		117	70-130		
1,1,2,2-Tetrachloroethane	23.1		µg/kg wet		20.0		115	70-130		
Tetrachloroethene	22.7		µg/kg wet		20.0		114	70-130		
Toluene	21.2		µg/kg wet		20.0		106	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	20.7		µg/kg wet		20.0		103	70-130		
1,3,5-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,1,1-Trichloroethane	25.3		µg/kg wet		20.0		126	70-130		
1,1,2-Trichloroethane	23.0		µg/kg wet		20.0		115	70-130		
Trichloroethene	21.7		µg/kg wet		20.0		109	70-130		
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		94	70-130		
1,2,3-Trichloropropane	23.2		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	23.8		µg/kg wet		20.0		119	70-130		
Vinyl chloride	18.9		µg/kg wet		20.0		95	70-130		
m,p-Xylene	45.8		µg/kg wet		40.0		114	70-130		
o-Xylene	23.2		µg/kg wet		20.0		116	70-130		
Tetrahydrofuran	25.5		µg/kg wet		20.0		128	70-130		
Ethyl ether	20.0		µg/kg wet		20.0		100	70-130		
Tert-amyl methyl ether	25.1		µg/kg wet		20.0		125	70-130		
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
Di-isopropyl ether	16.9		µg/kg wet		20.0		85	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
LCS (1114630-BS1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
Tert-Butanol / butyl alcohol	243		µg/kg wet		200		121	70-130		
1,4-Dioxane	231		µg/kg wet		200		115	70-130		
trans-1,4-Dichloro-2-butene	18.0		µg/kg wet		20.0		90	70-130		
Ethanol	346		µg/kg wet		400		86	70-130		
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*28.4*		µg/kg wet		*30.0*		*95*	*70-130*		
LCS Dup (1114630-BSD1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.4		µg/kg wet		20.0		92	70-130	0.8	25
Acetone	11.7		µg/kg wet		20.0		58	70-130	20	50
Acrylonitrile	17.1		µg/kg wet		20.0		85	70-130	6	25
Benzene	20.0		µg/kg wet		20.0		100	70-130	4	25
Bromobenzene	21.5		µg/kg wet		20.0		108	70-130	4	25
Bromochloromethane	19.0		µg/kg wet		20.0		95	70-130	7	25
Bromodichloromethane	22.4		µg/kg wet		20.0		112	70-130	4	25
Bromoform	23.7		µg/kg wet		20.0		119	70-130	3	25
Bromomethane	16.2		µg/kg wet		20.0		81	70-130	4	50
2-Butanone (MEK)	19.2		µg/kg wet		20.0		96	70-130	3	50
n-Butylbenzene	17.2		µg/kg wet		20.0		86	70-130	13	25
sec-Butylbenzene	21.5		µg/kg wet		20.0		107	70-130	4	25
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	5	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	3	25
Carbon tetrachloride	25.2		µg/kg wet		20.0		126	70-130	0.7	25
Chlorobenzene	19.8		µg/kg wet		20.0		99	70-130	7	25
Chloroethane	15.6		µg/kg wet		20.0		78	70-130	6	50
Chloroform	17.6		µg/kg wet		20.0		88	70-130	4	25
Chloromethane	14.0		µg/kg wet		20.0		70	70-130	4	25
2-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130	7	25
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	5	25
1,2-Dibromo-3-chloropropane	23.5		µg/kg wet		20.0		118	70-130	8	25
Dibromochloromethane	23.8		µg/kg wet		20.0		119	70-130	4	50
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130	3	25
Dibromomethane	22.5		µg/kg wet		20.0		113	70-130	3	25
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	9	25
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	4	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	13	25
Dichlorodifluoromethane (Freon12)	19.1		µg/kg wet		20.0		96	70-130	2	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	6	25
1,2-Dichloroethane	20.5		µg/kg wet		20.0		103	70-130	4	25
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87	70-130	5	25
cis-1,2-Dichloroethene	18.1		µg/kg wet		20.0		90	70-130	3	25
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130	3	25
1,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130	3	25
1,3-Dichloropropane	21.9		µg/kg wet		20.0		109	70-130	2	25
2,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	8	25
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	5	25
cis-1,3-Dichloropropene	22.6		µg/kg wet		20.0		113	70-130	2	25
trans-1,3-Dichloropropene	23.9		µg/kg wet		20.0		120	70-130	4	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	5	25
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	70-130	8	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
LCS Dup (1114630-BSD1)					Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
2-Hexanone (MBK)	20.9		µg/kg wet		20.0		105	70-130	4	25
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130	5	25
4-Isopropyltoluene	20.7		µg/kg wet		20.0		103	70-130	11	25
Methyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	6	25
4-Methyl-2-pentanone (MIBK)	21.6		µg/kg wet		20.0		108	70-130	15	50
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130	2	25
Naphthalene	21.5		µg/kg wet		20.0		108	70-130	8	25
n-Propylbenzene	21.7		µg/kg wet		20.0		109	70-130	4	25
Styrene	18.7		µg/kg wet		20.0		94	70-130	7	25
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	8	25
1,1,2,2-Tetrachloroethane	22.3		µg/kg wet		20.0		111	70-130	4	25
Tetrachloroethene	21.7		µg/kg wet		20.0		109	70-130	4	25
Toluene	20.5		µg/kg wet		20.0		103	70-130	3	25
1,2,3-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	6	25
1,2,4-Trichlorobenzene	19.5		µg/kg wet		20.0		97	70-130	6	25
1,3,5-Trichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	8	25
1,1,1-Trichloroethane	24.4		µg/kg wet		20.0		122	70-130	3	25
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130	5	25
Trichloroethene	21.3		µg/kg wet		20.0		106	70-130	2	25
Trichlorofluoromethane (Freon 11)	18.2		µg/kg wet		20.0		91	70-130	3	50
1,2,3-Trichloropropane	22.0		µg/kg wet		20.0		110	70-130	6	25
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	6	25
1,3,5-Trimethylbenzene	22.8		µg/kg wet		20.0		114	70-130	4	25
Vinyl chloride	15.6		µg/kg wet		20.0		78	70-130	19	25
m,p-Xylene	43.1		µg/kg wet		40.0		108	70-130	6	25
o-Xylene	21.7		µg/kg wet		20.0		109	70-130	6	25
Tetrahydrofuran	24.4		µg/kg wet		20.0		122	70-130	4	25
Ethyl ether	18.6		µg/kg wet		20.0		93	70-130	7	50
Tert-amyl methyl ether	23.8		µg/kg wet		20.0		119	70-130	5	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	7	25
Di-isopropyl ether	16.2		µg/kg wet		20.0		81	70-130	4	25
Tert-Butanol / butyl alcohol	221		µg/kg wet		200		110	70-130	9	25
1,4-Dioxane	258		µg/kg wet		200		129	70-130	11	25
trans-1,4-Dichloro-2-butene	17.5		µg/kg wet		20.0		87	70-130	3	25
Ethanol	335		µg/kg wet		400		84	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*27.4*		µg/kg wet		*30.0*		*91*	*70-130*		
Matrix Spike (1114630-MS1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.4		µg/kg dry		20.0	BRL	82	70-130		
Acetone	11.5	QM7	µg/kg dry		20.0	BRL	58	70-130		
Acrylonitrile	15.4		µg/kg dry		20.0	BRL	77	70-130		
Benzene	23.0		µg/kg dry		20.0	BRL	115	70-130		
Bromobenzene	25.4		µg/kg dry		20.0	BRL	127	70-130		
Bromochloromethane	20.0		µg/kg dry		20.0	BRL	100	70-130		
Bromodichloromethane	22.5		µg/kg dry		20.0	BRL	113	70-130		
Bromoform	22.9		µg/kg dry		20.0	BRL	114	70-130		
Bromomethane	9.3	QM7	µg/kg dry		20.0	BRL	47	70-130		
2-Butanone (MEK)	16.9		µg/kg dry		20.0	BRL	84	70-130		
n-Butylbenzene	22.2		µg/kg dry		20.0	BRL	111	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
Matrix Spike (1114630-MS1)			Source: SB32020-06		Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
sec-Butylbenzene	26.3	QM7	µg/kg dry		20.0	BRL	131	70-130		
tert-Butylbenzene	28.8	QM7	µg/kg dry		20.0	BRL	144	70-130		
Carbon disulfide	12.1	QM7	µg/kg dry		20.0	BRL	61	70-130		
Carbon tetrachloride	26.2	QM7	µg/kg dry		20.0	BRL	131	70-130		
Chlorobenzene	24.1		µg/kg dry		20.0	BRL	120	70-130		
Chloroethane	15.6		µg/kg dry		20.0	BRL	78	70-130		
Chloroform	17.9		µg/kg dry		20.0	BRL	89	70-130		
Chloromethane	17.3		µg/kg dry		20.0	BRL	86	70-130		
2-Chlorotoluene	23.3		µg/kg dry		20.0	BRL	117	70-130		
4-Chlorotoluene	25.1		µg/kg dry		20.0	BRL	125	70-130		
1,2-Dibromo-3-chloropropane	22.6		µg/kg dry		20.0	BRL	113	70-130		
Dibromochloromethane	24.5		µg/kg dry		20.0	BRL	123	70-130		
1,2-Dibromoethane (EDB)	24.8		µg/kg dry		20.0	BRL	124	70-130		
Dibromomethane	23.7		µg/kg dry		20.0	BRL	118	70-130		
1,2-Dichlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130		
1,3-Dichlorobenzene	23.7		µg/kg dry		20.0	BRL	119	70-130		
1,4-Dichlorobenzene	22.0		µg/kg dry		20.0	BRL	110	70-130		
Dichlorodifluoromethane (Freon12)	13.0	QM7	µg/kg dry		20.0	BRL	65	70-130		
1,1-Dichloroethane	18.2		µg/kg dry		20.0	BRL	91	70-130		
1,2-Dichloroethane	21.4		µg/kg dry		20.0	BRL	107	70-130		
1,1-Dichloroethene	18.2		µg/kg dry		20.0	BRL	91	70-130		
cis-1,2-Dichloroethene	18.9		µg/kg dry		20.0	BRL	95	70-130		
trans-1,2-Dichloroethene	18.6		µg/kg dry		20.0	BRL	93	70-130		
1,2-Dichloropropane	22.8		µg/kg dry		20.0	BRL	114	70-130		
1,3-Dichloropropane	24.9		µg/kg dry		20.0	BRL	124	70-130		
2,2-Dichloropropane	18.3		µg/kg dry		20.0	BRL	91	70-130		
1,1-Dichloropropene	24.4		µg/kg dry		20.0	BRL	122	70-130		
cis-1,3-Dichloropropene	23.5		µg/kg dry		20.0	BRL	118	70-130		
trans-1,3-Dichloropropene	24.8		µg/kg dry		20.0	BRL	124	70-130		
Ethylbenzene	25.1		µg/kg dry		20.0	BRL	125	70-130		
Hexachlorobutadiene	25.7		µg/kg dry		20.0	BRL	129	70-130		
2-Hexanone (MBK)	23.7		µg/kg dry		20.0	BRL	118	70-130		
Isopropylbenzene	25.3		µg/kg dry		20.0	BRL	127	70-130		
4-Isopropyltoluene	26.7	QM7	µg/kg dry		20.0	BRL	134	70-130		
Methyl tert-butyl ether	20.8		µg/kg dry		20.0	BRL	104	70-130		
4-Methyl-2-pentanone (MIBK)	27.7	QM7	µg/kg dry		20.0	BRL	138	70-130		
Methylene chloride	17.5		µg/kg dry		20.0	BRL	88	70-130		
Naphthalene	26.7	QM7	µg/kg dry		20.0	BRL	134	70-130		
n-Propylbenzene	25.9		µg/kg dry		20.0	BRL	130	70-130		
Styrene	22.6		µg/kg dry		20.0	BRL	113	70-130		
1,1,1,2-Tetrachloroethane	24.9		µg/kg dry		20.0	BRL	125	70-130		
1,1,2,2-Tetrachloroethane	24.3		µg/kg dry		20.0	BRL	122	70-130		
Tetrachloroethene	27.0	QM7	µg/kg dry		20.0	BRL	135	70-130		
Toluene	24.3		µg/kg dry		20.0	BRL	122	70-130		
1,2,3-Trichlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130		
1,2,4-Trichlorobenzene	24.2		µg/kg dry		20.0	BRL	121	70-130		
1,3,5-Trichlorobenzene	23.8		µg/kg dry		20.0	BRL	119	70-130		
1,1,1-Trichloroethane	26.3	QM7	µg/kg dry		20.0	BRL	132	70-130		
1,1,2-Trichloroethane	26.0		µg/kg dry		20.0	BRL	130	70-130		
Trichloroethene	25.2		µg/kg dry		20.0	BRL	126	70-130		
Trichlorofluoromethane (Freon 11)	16.2		µg/kg dry		20.0	BRL	81	70-130		
1,2,3-Trichloropropane	24.5		µg/kg dry		20.0	BRL	122	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
Matrix Spike (1114630-MS1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,2,4-Trimethylbenzene	23.6		µg/kg dry		20.0	BRL	118	70-130		
1,3,5-Trimethylbenzene	27.3	QM7	µg/kg dry		20.0	BRL	137	70-130		
Vinyl chloride	13.1	QM7	µg/kg dry		20.0	BRL	65	70-130		
m,p-Xylene	52.6	QM7	µg/kg dry		40.0	BRL	132	70-130		
o-Xylene	26.2	QM7	µg/kg dry		20.0	BRL	131	70-130		
Tetrahydrofuran	24.4		µg/kg dry		20.0	BRL	122	70-130		
Ethyl ether	18.8		µg/kg dry		20.0	BRL	94	70-130		
Tert-amyl methyl ether	25.9		µg/kg dry		20.0	BRL	129	70-130		
Ethyl tert-butyl ether	22.3		µg/kg dry		20.0	BRL	111	70-130		
Di-isopropyl ether	16.6		µg/kg dry		20.0	BRL	83	70-130		
Tert-Butanol / butyl alcohol	257		µg/kg dry		200	BRL	128	70-130		
1,4-Dioxane	294	QM7	µg/kg dry		200	BRL	147	70-130		
trans-1,4-Dichloro-2-butene	19.6		µg/kg dry		20.0	BRL	98	70-130		
Ethanol	391		µg/kg dry		400	BRL	98	70-130		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.0*		µg/kg dry		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*26.0*		µg/kg dry		*30.0*		*87*	*70-130*		
Matrix Spike Dup (1114630-MSD1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.7		µg/kg dry		20.0	BRL	79	70-130	4	30
Acetone	11.6	QM7	µg/kg dry		20.0	BRL	58	70-130	0.4	30
Acrylonitrile	15.2		µg/kg dry		20.0	BRL	76	70-130	0.9	30
Benzene	21.8		µg/kg dry		20.0	BRL	109	70-130	5	30
Bromobenzene	24.8		µg/kg dry		20.0	BRL	124	70-130	2	30
Bromochloromethane	18.9		µg/kg dry		20.0	BRL	95	70-130	6	30
Bromodichloromethane	22.1		µg/kg dry		20.0	BRL	110	70-130	2	30
Bromoform	22.7		µg/kg dry		20.0	BRL	114	70-130	0.8	30
Bromomethane	8.9	QM7	µg/kg dry		20.0	BRL	45	70-130	4	30
2-Butanone (MEK)	21.4		µg/kg dry		20.0	BRL	107	70-130	24	30
n-Butylbenzene	21.8		µg/kg dry		20.0	BRL	109	70-130	1	30
sec-Butylbenzene	26.2	QM7	µg/kg dry		20.0	BRL	131	70-130	0.4	30
tert-Butylbenzene	28.5	QM7	µg/kg dry		20.0	BRL	143	70-130	1	30
Carbon disulfide	12.4	QM7	µg/kg dry		20.0	BRL	62	70-130	2	30
Carbon tetrachloride	24.9		µg/kg dry		20.0	BRL	125	70-130	5	30
Chlorobenzene	23.5		µg/kg dry		20.0	BRL	117	70-130	2	30
Chloroethane	14.3		µg/kg dry		20.0	BRL	72	70-130	9	30
Chloroform	17.5		µg/kg dry		20.0	BRL	88	70-130	2	30
Chloromethane	16.5		µg/kg dry		20.0	BRL	82	70-130	5	30
2-Chlorotoluene	23.4		µg/kg dry		20.0	BRL	117	70-130	0.3	30
4-Chlorotoluene	25.0		µg/kg dry		20.0	BRL	125	70-130	0.2	30
1,2-Dibromo-3-chloropropane	21.2		µg/kg dry		20.0	BRL	106	70-130	6	30
Dibromochloromethane	23.9		µg/kg dry		20.0	BRL	119	70-130	3	30
1,2-Dibromoethane (EDB)	24.0		µg/kg dry		20.0	BRL	120	70-130	3	30
Dibromomethane	23.1		µg/kg dry		20.0	BRL	116	70-130	2	30
1,2-Dichlorobenzene	22.6		µg/kg dry		20.0	BRL	113	70-130	3	30
1,3-Dichlorobenzene	23.8		µg/kg dry		20.0	BRL	119	70-130	0.3	30
1,4-Dichlorobenzene	22.2		µg/kg dry		20.0	BRL	111	70-130	1	30
Dichlorodifluoromethane (Freon12)	11.5	QM7	µg/kg dry		20.0	BRL	58	70-130	12	30
1,1-Dichloroethane	17.4		µg/kg dry		20.0	BRL	87	70-130	4	30
1,2-Dichloroethane	20.2		µg/kg dry		20.0	BRL	101	70-130	6	30
1,1-Dichloroethene	17.3		µg/kg dry		20.0	BRL	86	70-130	6	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114630 - SW846 5030 Soil (high level)										
Matrix Spike Dup (1114630-MSD1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 27-Jul-11					
cis-1,2-Dichloroethene	18.6		µg/kg dry		20.0	BRL	93	70-130	2	30
trans-1,2-Dichloroethene	18.4		µg/kg dry		20.0	BRL	92	70-130	1	30
1,2-Dichloropropane	21.6		µg/kg dry		20.0	BRL	108	70-130	5	30
1,3-Dichloropropane	23.7		µg/kg dry		20.0	BRL	118	70-130	5	30
2,2-Dichloropropane	17.4		µg/kg dry		20.0	BRL	87	70-130	5	30
1,1-Dichloropropene	23.0		µg/kg dry		20.0	BRL	115	70-130	6	30
cis-1,3-Dichloropropene	23.2		µg/kg dry		20.0	BRL	116	70-130	1	30
trans-1,3-Dichloropropene	24.2		µg/kg dry		20.0	BRL	121	70-130	3	30
Ethylbenzene	24.7		µg/kg dry		20.0	BRL	124	70-130	1	30
Hexachlorobutadiene	24.8		µg/kg dry		20.0	BRL	124	70-130	4	30
2-Hexanone (MBK)	22.4		µg/kg dry		20.0	BRL	112	70-130	6	30
Isopropylbenzene	24.6		µg/kg dry		20.0	BRL	123	70-130	3	30
4-Isopropyltoluene	26.3	QM7	µg/kg dry		20.0	BRL	132	70-130	2	30
Methyl tert-butyl ether	20.2		µg/kg dry		20.0	BRL	101	70-130	3	30
4-Methyl-2-pentanone (MIBK)	27.1	QM7	µg/kg dry		20.0	BRL	135	70-130	2	30
Methylene chloride	17.1		µg/kg dry		20.0	BRL	85	70-130	2	30
Naphthalene	25.4		µg/kg dry		20.0	BRL	127	70-130	5	30
n-Propylbenzene	26.8	QM7	µg/kg dry		20.0	BRL	134	70-130	3	30
Styrene	23.0		µg/kg dry		20.0	BRL	115	70-130	2	30
1,1,1,2-Tetrachloroethane	24.4		µg/kg dry		20.0	BRL	122	70-130	2	30
1,1,2,2-Tetrachloroethane	23.6		µg/kg dry		20.0	BRL	118	70-130	3	30
Tetrachloroethene	25.6		µg/kg dry		20.0	BRL	128	70-130	5	30
Toluene	23.8		µg/kg dry		20.0	BRL	119	70-130	2	30
1,2,3-Trichlorobenzene	23.1		µg/kg dry		20.0	BRL	116	70-130	1	30
1,2,4-Trichlorobenzene	24.1		µg/kg dry		20.0	BRL	121	70-130	0.1	30
1,3,5-Trichlorobenzene	23.7		µg/kg dry		20.0	BRL	119	70-130	0.5	30
1,1,1-Trichloroethane	25.1		µg/kg dry		20.0	BRL	126	70-130	5	30
1,1,2-Trichloroethane	24.9		µg/kg dry		20.0	BRL	125	70-130	4	30
Trichloroethene	24.1		µg/kg dry		20.0	BRL	120	70-130	5	30
Trichlorofluoromethane (Freon 11)	15.0		µg/kg dry		20.0	BRL	75	70-130	8	30
1,2,3-Trichloropropane	23.6		µg/kg dry		20.0	BRL	118	70-130	4	30
1,2,4-Trimethylbenzene	23.2		µg/kg dry		20.0	BRL	116	70-130	1	30
1,3,5-Trimethylbenzene	27.3	QM7	µg/kg dry		20.0	BRL	137	70-130	0.07	30
Vinyl chloride	12.5	QM7	µg/kg dry		20.0	BRL	63	70-130	4	30
m,p-Xylene	51.2		µg/kg dry		40.0	BRL	128	70-130	3	30
o-Xylene	25.6		µg/kg dry		20.0	BRL	128	70-130	2	30
Tetrahydrofuran	21.9		µg/kg dry		20.0	BRL	110	70-130	11	30
Ethyl ether	17.8		µg/kg dry		20.0	BRL	89	70-130	5	30
Tert-amyl methyl ether	25.0		µg/kg dry		20.0	BRL	125	70-130	3	30
Ethyl tert-butyl ether	20.5		µg/kg dry		20.0	BRL	102	70-130	8	30
Di-isopropyl ether	16.5		µg/kg dry		20.0	BRL	82	70-130	0.8	30
Tert-Butanol / butyl alcohol	255		µg/kg dry		200	BRL	127	70-130	0.9	30
1,4-Dioxane	295	QM7	µg/kg dry		200	BRL	147	70-130	0.3	30
trans-1,4-Dichloro-2-butene	18.7		µg/kg dry		20.0	BRL	93	70-130	5	30
Ethanol	386		µg/kg dry		400	BRL	97	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*25.0*		µg/kg dry		*30.0*		*83*	*70-130*		
Batch 1114738 - SW846 5030 Water MS										
Blank (1114738-BLK1)					Prepared & Analyzed: 27-Jul-11					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114738 - SW846 5030 Water MS										
Blank (1114738-BLK1)					Prepared & Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/l	0.6						
Acetone	BRL	U	µg/l	2.6						
Acrylonitrile	BRL	U	µg/l	0.5						
Benzene	BRL	U	µg/l	0.7						
Bromobenzene	BRL	U	µg/l	0.7						
Bromochloromethane	BRL	U	µg/l	0.7						
Bromodichloromethane	BRL	U	µg/l	0.5						
Bromoform	BRL	U	µg/l	0.6						
Bromomethane	BRL	U	µg/l	1.1						
2-Butanone (MEK)	BRL	U	µg/l	1.7						
n-Butylbenzene	BRL	U	µg/l	0.6						
sec-Butylbenzene	BRL	U	µg/l	0.8						
tert-Butylbenzene	BRL	U	µg/l	0.7						
Carbon disulfide	BRL	U	µg/l	0.6						
Carbon tetrachloride	BRL	U	µg/l	0.5						
Chlorobenzene	BRL	U	µg/l	0.7						
Chloroethane	BRL	U	µg/l	1.0						
Chloroform	BRL	U	µg/l	0.7						
Chloromethane	BRL	U	µg/l	1.5						
2-Chlorotoluene	BRL	U	µg/l	0.8						
4-Chlorotoluene	BRL	U	µg/l	0.7						
1,2-Dibromo-3-chloropropane	BRL	U	µg/l	0.9						
Dibromochloromethane	BRL	U	µg/l	0.3						
1,2-Dibromoethane (EDB)	BRL	U	µg/l	0.3						
Dibromomethane	BRL	U	µg/l	0.7						
1,2-Dichlorobenzene	BRL	U	µg/l	0.7						
1,3-Dichlorobenzene	BRL	U	µg/l	0.7						
1,4-Dichlorobenzene	BRL	U	µg/l	0.6						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/l	0.4						
1,1-Dichloroethane	BRL	U	µg/l	0.7						
1,2-Dichloroethane	BRL	U	µg/l	0.8						
1,1-Dichloroethene	BRL	U	µg/l	0.5						
cis-1,2-Dichloroethene	BRL	U	µg/l	0.7						
trans-1,2-Dichloroethene	BRL	U	µg/l	0.7						
1,2-Dichloropropane	BRL	U	µg/l	0.7						
1,3-Dichloropropane	BRL	U	µg/l	0.8						
2,2-Dichloropropane	BRL	U	µg/l	0.6						
1,1-Dichloropropene	BRL	U	µg/l	0.6						
cis-1,3-Dichloropropene	BRL	U	µg/l	0.3						
trans-1,3-Dichloropropene	BRL	U	µg/l	0.5						
Ethylbenzene	BRL	U	µg/l	0.7						
Hexachlorobutadiene	BRL	U	µg/l	0.4						
2-Hexanone (MBK)	BRL	U	µg/l	0.5						
Isopropylbenzene	BRL	U	µg/l	0.6						
4-Isopropyltoluene	BRL	U	µg/l	0.6						
Methyl tert-butyl ether	BRL	U	µg/l	0.7						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/l	0.9						
Methylene chloride	BRL	U	µg/l	0.7						
Naphthalene	BRL	U	µg/l	0.3						
n-Propylbenzene	BRL	U	µg/l	0.8						
Styrene	BRL	U	µg/l	0.6						
1,1,1,2-Tetrachloroethane	BRL	U	µg/l	0.6						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114738 - SW846 5030 Water MS										
Blank (1114738-BLK1)					Prepared & Analyzed: 27-Jul-11					
1,1,2,2-Tetrachloroethane	BRL	U	µg/l	0.3						
Tetrachloroethene	BRL	U	µg/l	0.7						
Toluene	BRL	U	µg/l	0.8						
1,2,3-Trichlorobenzene	BRL	U	µg/l	0.4						
1,2,4-Trichlorobenzene	BRL	U	µg/l	0.4						
1,3,5-Trichlorobenzene	BRL	U	µg/l	0.8						
1,1,1-Trichloroethane	BRL	U	µg/l	0.6						
1,1,2-Trichloroethane	BRL	U	µg/l	0.6						
Trichloroethene	BRL	U	µg/l	0.8						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/l	0.6						
1,2,3-Trichloropropane	BRL	U	µg/l	0.7						
1,2,4-Trimethylbenzene	BRL	U	µg/l	0.8						
1,3,5-Trimethylbenzene	BRL	U	µg/l	0.7						
Vinyl chloride	BRL	U	µg/l	0.8						
m,p-Xylene	BRL	U	µg/l	1.6						
o-Xylene	BRL	U	µg/l	0.9						
Tetrahydrofuran	BRL	U	µg/l	1.4						
Ethyl ether	BRL	U	µg/l	0.7						
Tert-amyl methyl ether	BRL	U	µg/l	0.7						
Ethyl tert-butyl ether	BRL	U	µg/l	0.8						
Di-isopropyl ether	BRL	U	µg/l	0.7						
Tert-Butanol / butyl alcohol	BRL	U	µg/l	8.6						
1,4-Dioxane	BRL	U	µg/l	14.0						
trans-1,4-Dichloro-2-butene	BRL	U	µg/l	0.8						
Ethanol	BRL	U	µg/l	35.7						
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.2*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*53.4*		µg/l		*50.0*		*107*	*70-130*		
LCS (1114738-BS1)					Prepared & Analyzed: 27-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/l		20.0		90	70-130		
Acetone	15.5		µg/l		20.0		78	70-130		
Acrylonitrile	16.6		µg/l		20.0		83	70-130		
Benzene	19.0		µg/l		20.0		95	70-130		
Bromobenzene	19.8		µg/l		20.0		99	70-130		
Bromochloromethane	19.6		µg/l		20.0		98	70-130		
Bromodichloromethane	20.2		µg/l		20.0		101	70-130		
Bromoform	22.5		µg/l		20.0		112	70-130		
Bromomethane	23.0		µg/l		20.0		115	70-130		
2-Butanone (MEK)	17.7		µg/l		20.0		89	70-130		
n-Butylbenzene	20.6		µg/l		20.0		103	70-130		
sec-Butylbenzene	22.0		µg/l		20.0		110	70-130		
tert-Butylbenzene	23.0		µg/l		20.0		115	70-130		
Carbon disulfide	17.4		µg/l		20.0		87	70-130		
Carbon tetrachloride	21.5		µg/l		20.0		108	70-130		
Chlorobenzene	18.6		µg/l		20.0		93	70-130		
Chloroethane	18.2		µg/l		20.0		91	70-130		
Chloroform	18.7		µg/l		20.0		94	70-130		
Chloromethane	19.8		µg/l		20.0		99	70-130		
2-Chlorotoluene	21.1		µg/l		20.0		106	70-130		
4-Chlorotoluene	21.7		µg/l		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114738 - SW846 5030 Water MS										
LCS (1114738-BS1)					Prepared & Analyzed: 27-Jul-11					
1,2-Dibromo-3-chloropropane	19.8		µg/l		20.0		99	70-130		
Dibromochloromethane	21.5		µg/l		20.0		107	70-130		
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99	70-130		
Dibromomethane	18.6		µg/l		20.0		93	70-130		
1,2-Dichlorobenzene	19.3		µg/l		20.0		97	70-130		
1,3-Dichlorobenzene	20.5		µg/l		20.0		102	70-130		
1,4-Dichlorobenzene	18.2		µg/l		20.0		91	70-130		
Dichlorodifluoromethane (Freon12)	16.7		µg/l		20.0		83	70-130		
1,1-Dichloroethane	22.1		µg/l		20.0		110	70-130		
1,2-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,1-Dichloroethene	17.5		µg/l		20.0		88	70-130		
cis-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130		
trans-1,2-Dichloroethene	17.8		µg/l		20.0		89	70-130		
1,2-Dichloropropane	18.1		µg/l		20.0		91	70-130		
1,3-Dichloropropane	17.9		µg/l		20.0		90	70-130		
2,2-Dichloropropane	22.6		µg/l		20.0		113	70-130		
1,1-Dichloropropene	20.2		µg/l		20.0		101	70-130		
cis-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130		
trans-1,3-Dichloropropene	21.9		µg/l		20.0		110	70-130		
Ethylbenzene	20.3		µg/l		20.0		102	70-130		
Hexachlorobutadiene	21.6		µg/l		20.0		108	70-130		
2-Hexanone (MBK)	17.1		µg/l		20.0		85	70-130		
Isopropylbenzene	20.4		µg/l		20.0		102	70-130		
4-Isopropyltoluene	20.6		µg/l		20.0		103	70-130		
Methyl tert-butyl ether	21.9		µg/l		20.0		109	70-130		
4-Methyl-2-pentanone (MIBK)	17.6		µg/l		20.0		88	70-130		
Methylene chloride	19.1		µg/l		20.0		96	70-130		
Naphthalene	18.3		µg/l		20.0		91	70-130		
n-Propylbenzene	21.1		µg/l		20.0		106	70-130		
Styrene	21.6		µg/l		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	18.7		µg/l		20.0		93	70-130		
Tetrachloroethene	20.4		µg/l		20.0		102	70-130		
Toluene	18.6		µg/l		20.0		93	70-130		
1,2,3-Trichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,2,4-Trichlorobenzene	21.1		µg/l		20.0		105	70-130		
1,3,5-Trichlorobenzene	20.6		µg/l		20.0		103	70-130		
1,1,1-Trichloroethane	22.0		µg/l		20.0		110	70-130		
1,1,2-Trichloroethane	18.5		µg/l		20.0		92	70-130		
Trichloroethene	19.0		µg/l		20.0		95	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/l		20.0		102	70-130		
1,2,3-Trichloropropane	18.5		µg/l		20.0		92	70-130		
1,2,4-Trimethylbenzene	23.1		µg/l		20.0		116	70-130		
1,3,5-Trimethylbenzene	22.9		µg/l		20.0		114	70-130		
Vinyl chloride	20.9		µg/l		20.0		104	70-130		
m,p-Xylene	42.5		µg/l		40.0		106	70-130		
o-Xylene	21.4		µg/l		20.0		107	70-130		
Tetrahydrofuran	18.0		µg/l		20.0		90	70-130		
Ethyl ether	16.4		µg/l		20.0		82	70-130		
Tert-amyl methyl ether	20.2		µg/l		20.0		101	70-130		
Ethyl tert-butyl ether	19.9		µg/l		20.0		99	70-130		
Di-isopropyl ether	18.4		µg/l		20.0		92	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114738 - SW846 5030 Water MS										
LCS (1114738-BS1)						Prepared & Analyzed: 27-Jul-11				
Tert-Butanol / butyl alcohol	178		µg/l		200		89	70-130		
1,4-Dioxane	181		µg/l		200		91	70-130		
trans-1,4-Dichloro-2-butene	16.6		µg/l		20.0		83	70-130		
Ethanol	346		µg/l		400		86	70-130		
Surrogate: 4-Bromofluorobenzene	*52.2*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.4*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*52.5*		µg/l		*50.0*		*105*	*70-130*		
LCS Dup (1114738-BSD1)						Prepared & Analyzed: 27-Jul-11				
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.3		µg/l		20.0		87	70-130	4	25
Acetone	16.4		µg/l		20.0		82	70-130	6	50
Acrylonitrile	15.8		µg/l		20.0		79	70-130	5	25
Benzene	17.9		µg/l		20.0		90	70-130	6	25
Bromobenzene	21.4		µg/l		20.0		107	70-130	8	25
Bromochloromethane	19.7		µg/l		20.0		98	70-130	0.6	25
Bromodichloromethane	19.1		µg/l		20.0		95	70-130	6	25
Bromoform	24.0		µg/l		20.0		120	70-130	6	25
Bromomethane	21.6		µg/l		20.0		108	70-130	6	50
2-Butanone (MEK)	18.3		µg/l		20.0		92	70-130	3	50
n-Butylbenzene	18.5		µg/l		20.0		92	70-130	11	25
sec-Butylbenzene	22.5		µg/l		20.0		112	70-130	2	25
tert-Butylbenzene	23.5		µg/l		20.0		118	70-130	2	25
Carbon disulfide	16.2		µg/l		20.0		81	70-130	7	25
Carbon tetrachloride	20.9		µg/l		20.0		105	70-130	3	25
Chlorobenzene	18.9		µg/l		20.0		94	70-130	2	25
Chloroethane	16.7		µg/l		20.0		83	70-130	9	50
Chloroform	18.0		µg/l		20.0		90	70-130	4	25
Chloromethane	17.6		µg/l		20.0		88	70-130	12	25
2-Chlorotoluene	20.9		µg/l		20.0		105	70-130	1	25
4-Chlorotoluene	21.6		µg/l		20.0		108	70-130	0.4	25
1,2-Dibromo-3-chloropropane	17.8		µg/l		20.0		89	70-130	10	25
Dibromochloromethane	21.4		µg/l		20.0		107	70-130	0.2	50
1,2-Dibromoethane (EDB)	19.7		µg/l		20.0		98	70-130	0.4	25
Dibromomethane	18.4		µg/l		20.0		92	70-130	1	25
1,2-Dichlorobenzene	18.9		µg/l		20.0		94	70-130	2	25
1,3-Dichlorobenzene	21.7		µg/l		20.0		109	70-130	6	25
1,4-Dichlorobenzene	17.4		µg/l		20.0		87	70-130	4	25
Dichlorodifluoromethane (Freon12)	15.7		µg/l		20.0		78	70-130	6	50
1,1-Dichloroethane	20.3		µg/l		20.0		102	70-130	8	25
1,2-Dichloroethane	18.5		µg/l		20.0		92	70-130	8	25
1,1-Dichloroethene	17.0		µg/l		20.0		85	70-130	3	25
cis-1,2-Dichloroethene	18.4		µg/l		20.0		92	70-130	4	25
trans-1,2-Dichloroethene	16.9		µg/l		20.0		85	70-130	5	25
1,2-Dichloropropane	16.9		µg/l		20.0		84	70-130	7	25
1,3-Dichloropropane	17.6		µg/l		20.0		88	70-130	2	25
2,2-Dichloropropane	20.6		µg/l		20.0		103	70-130	9	25
1,1-Dichloropropene	18.8		µg/l		20.0		94	70-130	7	25
cis-1,3-Dichloropropene	19.5		µg/l		20.0		97	70-130	5	25
trans-1,3-Dichloropropene	21.2		µg/l		20.0		106	70-130	3	25
Ethylbenzene	20.2		µg/l		20.0		101	70-130	0.7	25
Hexachlorobutadiene	21.8		µg/l		20.0		109	70-130	1	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114738 - SW846 5030 Water MS										
LCS Dup (1114738-BSD1)					Prepared & Analyzed: 27-Jul-11					
2-Hexanone (MBK)	17.6		µg/l		20.0		88	70-130	3	25
Isopropylbenzene	20.8		µg/l		20.0		104	70-130	2	25
4-Isopropyltoluene	19.3		µg/l		20.0		97	70-130	6	25
Methyl tert-butyl ether	21.1		µg/l		20.0		106	70-130	3	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/l		20.0		85	70-130	3	50
Methylene chloride	19.4		µg/l		20.0		97	70-130	2	25
Naphthalene	17.8		µg/l		20.0		89	70-130	2	25
n-Propylbenzene	20.9		µg/l		20.0		104	70-130	1	25
Styrene	22.0		µg/l		20.0		110	70-130	2	25
1,1,1,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	5	25
1,1,2,2-Tetrachloroethane	18.6		µg/l		20.0		93	70-130	0.1	25
Tetrachloroethene	20.9		µg/l		20.0		104	70-130	2	25
Toluene	18.0		µg/l		20.0		90	70-130	3	25
1,2,3-Trichlorobenzene	21.7		µg/l		20.0		108	70-130	2	25
1,2,4-Trichlorobenzene	20.7		µg/l		20.0		103	70-130	2	25
1,3,5-Trichlorobenzene	20.0		µg/l		20.0		100	70-130	3	25
1,1,1-Trichloroethane	20.9		µg/l		20.0		105	70-130	5	25
1,1,2-Trichloroethane	17.8		µg/l		20.0		89	70-130	4	25
Trichloroethene	18.4		µg/l		20.0		92	70-130	3	25
Trichlorofluoromethane (Freon 11)	19.4		µg/l		20.0		97	70-130	5	50
1,2,3-Trichloropropane	18.7		µg/l		20.0		93	70-130	1	25
1,2,4-Trimethylbenzene	23.6		µg/l		20.0		118	70-130	2	25
1,3,5-Trimethylbenzene	23.2		µg/l		20.0		116	70-130	2	25
Vinyl chloride	18.8		µg/l		20.0		94	70-130	10	25
m,p-Xylene	43.2		µg/l		40.0		108	70-130	2	25
o-Xylene	21.9		µg/l		20.0		109	70-130	2	25
Tetrahydrofuran	16.9		µg/l		20.0		85	70-130	6	25
Ethyl ether	15.8		µg/l		20.0		79	70-130	4	50
Tert-amyl methyl ether	18.7		µg/l		20.0		94	70-130	8	25
Ethyl tert-butyl ether	18.8		µg/l		20.0		94	70-130	6	25
Di-isopropyl ether	16.8		µg/l		20.0		84	70-130	9	25
Tert-Butanol / butyl alcohol	177		µg/l		200		89	70-130	0.1	25
1,4-Dioxane	190		µg/l		200		95	70-130	4	25
trans-1,4-Dichloro-2-butene	17.3		µg/l		20.0		87	70-130	4	25
Ethanol	325		µg/l		400		81	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*53.3*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Batch 1114828 - SW846 5035A Soil (low level)										
Blank (1114828-BLK1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	3.3						
Acetone	BRL	U	µg/kg wet	37.6						
Acrylonitrile	BRL	U	µg/kg wet	4.5						
Benzene	BRL	U	µg/kg wet	2.6						
Bromobenzene	BRL	U	µg/kg wet	3.2						
Bromochloromethane	BRL	U	µg/kg wet	1.6						
Bromodichloromethane	BRL	U	µg/kg wet	1.9						
Bromoform	BRL	U	µg/kg wet	3.5						
Bromomethane	BRL	U	µg/kg wet	9.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	42.9						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114828 - SW846 5035A Soil (low level)										
Blank (1114828-BLK1)					Prepared & Analyzed: 28-Jul-11					
n-Butylbenzene	BRL	U	µg/kg wet	2.5						
sec-Butylbenzene	BRL	U	µg/kg wet	4.8						
tert-Butylbenzene	BRL	U	µg/kg wet	3.6						
Carbon disulfide	BRL	U	µg/kg wet	7.1						
Carbon tetrachloride	BRL	U	µg/kg wet	5.0						
Chlorobenzene	BRL	U	µg/kg wet	2.8						
Chloroethane	BRL	U	µg/kg wet	7.1						
Chloroform	BRL	U	µg/kg wet	2.4						
Chloromethane	BRL	U	µg/kg wet	2.5						
2-Chlorotoluene	BRL	U	µg/kg wet	3.0						
4-Chlorotoluene	BRL	U	µg/kg wet	4.5						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	9.5						
Dibromochloromethane	BRL	U	µg/kg wet	2.4						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	3.1						
Dibromomethane	BRL	U	µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	4.0						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	3.4						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	8.4						
1,1-Dichloroethane	BRL	U	µg/kg wet	4.6						
1,2-Dichloroethane	BRL	U	µg/kg wet	2.8						
1,1-Dichloroethene	BRL	U	µg/kg wet	2.5						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	2.1						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	4.2						
1,2-Dichloropropane	BRL	U	µg/kg wet	2.5						
1,3-Dichloropropane	BRL	U	µg/kg wet	2.5						
2,2-Dichloropropane	BRL	U	µg/kg wet	2.0						
1,1-Dichloropropene	BRL	U	µg/kg wet	3.1						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	2.7						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	1.4						
Ethylbenzene	BRL	U	µg/kg wet	3.0						
Hexachlorobutadiene	BRL	U	µg/kg wet	4.3						
2-Hexanone (MBK)	BRL	U	µg/kg wet	12.8						
Isopropylbenzene	BRL	U	µg/kg wet	2.5						
4-Isopropyltoluene	BRL	U	µg/kg wet	2.1						
Methyl tert-butyl ether	BRL	U	µg/kg wet	3.6						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	16.3						
Methylene chloride	BRL	U	µg/kg wet	2.5						
Naphthalene	BRL	U	µg/kg wet	3.1						
n-Propylbenzene	BRL	U	µg/kg wet	3.0						
Styrene	BRL	U	µg/kg wet	3.7						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	4.8						
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	3.8						
Tetrachloroethene	BRL	U	µg/kg wet	2.9						
Toluene	BRL	U	µg/kg wet	4.5						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	4.3						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	3.8						
1,3,5-Trichlorobenzene	BRL	U	µg/kg wet	3.5						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	4.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	4.3						
Trichloroethene	BRL	U	µg/kg wet	3.8						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	2.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114828 - SW846 5035A Soil (low level)										
Blank (1114828-BLK1)					Prepared & Analyzed: 28-Jul-11					
1,2,3-Trichloropropane	BRL	U	µg/kg wet	2.3						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	1.6						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	5.0						
Vinyl chloride	BRL	U	µg/kg wet	4.7						
m,p-Xylene	BRL	U	µg/kg wet	9.7						
o-Xylene	BRL	U	µg/kg wet	3.4						
Tetrahydrofuran	BRL	U	µg/kg wet	9.2						
Ethyl ether	BRL	U	µg/kg wet	4.7						
Tert-amyl methyl ether	BRL	U	µg/kg wet	3.9						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	1.7						
Di-isopropyl ether	BRL	U	µg/kg wet	1.6						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	28.3						
1,4-Dioxane	BRL	U	µg/kg wet	81.9						
trans-1,4-Dichloro-2-butene	BRL	U	µg/kg wet	12.8						
Ethanol	BRL	U	µg/kg wet	418						
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.2*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*53.8*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (1114828-BS1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130		
Acetone	25.4		µg/kg wet		20.0		127	70-130		
Acrylonitrile	21.5		µg/kg wet		20.0		107	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130		
Bromoform	21.3		µg/kg wet		20.0		107	70-130		
Bromomethane	20.4		µg/kg wet		20.0		102	70-130		
2-Butanone (MEK)	21.4		µg/kg wet		20.0		107	70-130		
n-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
sec-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Carbon disulfide	20.1		µg/kg wet		20.0		101	70-130		
Carbon tetrachloride	18.5		µg/kg wet		20.0		92	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	19.4		µg/kg wet		20.0		97	70-130		
Chloroform	18.7		µg/kg wet		20.0		94	70-130		
Chloromethane	18.4		µg/kg wet		20.0		92	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	21.1		µg/kg wet		20.0		105	70-130		
1,2-Dibromo-3-chloropropane	21.9		µg/kg wet		20.0		110	70-130		
Dibromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		106	70-130		
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	18.7		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114828 - SW846 5035A Soil (low level)										
LCS (1114828-BS1)					Prepared & Analyzed: 28-Jul-11					
1,1-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		97	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130		
2,2-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130		
1,1-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		97	70-130		
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130		
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Hexachlorobutadiene	19.7		µg/kg wet		20.0		98	70-130		
2-Hexanone (MBK)	20.5		µg/kg wet		20.0		102	70-130		
Isopropylbenzene	21.4		µg/kg wet		20.0		107	70-130		
4-Isopropyltoluene	20.8		µg/kg wet		20.0		104	70-130		
Methyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	23.0		µg/kg wet		20.0		115	70-130		
Methylene chloride	20.3		µg/kg wet		20.0		102	70-130		
Naphthalene	20.5		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Styrene	22.4		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	20.7		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		101	70-130		
Toluene	20.0		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130		
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	70-130		
1,2,3-Trichloropropane	21.4		µg/kg wet		20.0		107	70-130		
1,2,4-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
Vinyl chloride	19.5		µg/kg wet		20.0		98	70-130		
m,p-Xylene	43.5		µg/kg wet		40.0		109	70-130		
o-Xylene	22.4		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	70-130		
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		97	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	19.9		µg/kg wet		20.0		100	70-130		
Tert-Butanol / butyl alcohol	179		µg/kg wet		200		90	70-130		
1,4-Dioxane	196		µg/kg wet		200		98	70-130		
trans-1,4-Dichloro-2-butene	20.0		µg/kg wet		20.0		100	70-130		
Ethanol	410		µg/kg wet		400		102	70-130		
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (1114828-BSD1)					Prepared & Analyzed: 28-Jul-11					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114828 - SW846 5035A Soil (low level)										
LCS Dup (1114828-BSD1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.5		µg/kg wet		20.0		92	70-130	1	25
Acetone	20.2		µg/kg wet		20.0		101	70-130	22	50
Acrylonitrile	19.6		µg/kg wet		20.0		98	70-130	9	25
Benzene	19.9		µg/kg wet		20.0		99	70-130	2	25
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130	0.5	25
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130	1	25
Bromodichloromethane	19.3		µg/kg wet		20.0		97	70-130	1	25
Bromoform	21.0		µg/kg wet		20.0		105	70-130	1	25
Bromomethane	20.0		µg/kg wet		20.0		100	70-130	2	50
2-Butanone (MEK)	20.7		µg/kg wet		20.0		104	70-130	3	50
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	0.9	25
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	2	25
tert-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.8	25
Carbon disulfide	19.4		µg/kg wet		20.0		97	70-130	4	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130	5	25
Chlorobenzene	20.9		µg/kg wet		20.0		104	70-130	0.3	25
Chloroethane	18.2		µg/kg wet		20.0		91	70-130	6	50
Chloroform	18.5		µg/kg wet		20.0		92	70-130	1	25
Chloromethane	17.8		µg/kg wet		20.0		89	70-130	3	25
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130	2	25
4-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130	2	25
1,2-Dibromo-3-chloropropane	20.8		µg/kg wet		20.0		104	70-130	5	25
Dibromochloromethane	19.7		µg/kg wet		20.0		99	70-130	6	50
1,2-Dibromoethane (EDB)	20.0		µg/kg wet		20.0		100	70-130	6	25
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130	1	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	3	25
1,3-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	4	25
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	0.2	25
Dichlorodifluoromethane (Freon12)	18.0		µg/kg wet		20.0		90	70-130	4	50
1,1-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130	3	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	5	25
1,1-Dichloroethene	19.3		µg/kg wet		20.0		97	70-130	3	25
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	1	25
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	0.3	25
1,2-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130	5	25
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	9	25
2,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	6	25
1,1-Dichloropropene	19.1		µg/kg wet		20.0		96	70-130	4	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	2	25
trans-1,3-Dichloropropene	18.3		µg/kg wet		20.0		91	70-130	5	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	1	25
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	70-130	2	50
2-Hexanone (MBK)	18.6		µg/kg wet		20.0		93	70-130	10	25
Isopropylbenzene	21.2		µg/kg wet		20.0		106	70-130	1	25
4-Isopropyltoluene	20.7		µg/kg wet		20.0		104	70-130	0.3	25
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		95	70-130	5	25
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96	70-130	18	50
Methylene chloride	18.7		µg/kg wet		20.0		94	70-130	8	25
Naphthalene	20.0		µg/kg wet		20.0		100	70-130	2	25
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130	1	25
Styrene	21.8		µg/kg wet		20.0		109	70-130	3	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	0.5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114828 - SW846 5035A Soil (low level)										
LCS Dup (1114828-BSD1)					Prepared & Analyzed: 28-Jul-11					
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	0.7	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130	7	25
Toluene	19.2		µg/kg wet		20.0		96	70-130	4	25
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	3	25
1,3,5-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	0.05	25
1,1,1-Trichloroethane	18.5		µg/kg wet		20.0		92	70-130	0.3	25
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	3	25
Trichloroethene	19.1		µg/kg wet		20.0		95	70-130	5	25
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89	70-130	9	50
1,2,3-Trichloropropane	20.7		µg/kg wet		20.0		103	70-130	4	25
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.9	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	0.7	25
Vinyl chloride	18.7		µg/kg wet		20.0		94	70-130	4	25
m,p-Xylene	43.7		µg/kg wet		40.0		109	70-130	0.4	25
o-Xylene	22.5		µg/kg wet		20.0		112	70-130	0.6	25
Tetrahydrofuran	19.4		µg/kg wet		20.0		97	70-130	7	25
Ethyl ether	20.1		µg/kg wet		20.0		101	70-130	0.8	50
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95	70-130	2	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	5	25
Di-isopropyl ether	19.3		µg/kg wet		20.0		97	70-130	3	25
Tert-Butanol / butyl alcohol	173		µg/kg wet		200		87	70-130	3	25
1,4-Dioxane	198		µg/kg wet		200		99	70-130	0.7	25
trans-1,4-Dichloro-2-butene	17.2		µg/kg wet		20.0		86	70-130	15	25
Ethanol	385		µg/kg wet		400		96	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 1114847 - SW846 5030 Soil (high level)										
Blank (1114847-BLK1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	33.4						
Acetone	BRL	U	µg/kg wet	376						
Acrylonitrile	BRL	U	µg/kg wet	44.8						
Benzene	BRL	U	µg/kg wet	26.2						
Bromobenzene	BRL	U	µg/kg wet	31.9						
Bromochloromethane	BRL	U	µg/kg wet	16.4						
Bromodichloromethane	BRL	U	µg/kg wet	18.9						
Bromoform	BRL	U	µg/kg wet	34.6						
Bromomethane	BRL	U	µg/kg wet	90.0						
2-Butanone (MEK)	BRL	U	µg/kg wet	429						
n-Butylbenzene	BRL	U	µg/kg wet	25.0						
sec-Butylbenzene	BRL	U	µg/kg wet	48.5						
tert-Butylbenzene	BRL	U	µg/kg wet	36.2						
Carbon disulfide	BRL	U	µg/kg wet	71.4						
Carbon tetrachloride	BRL	U	µg/kg wet	49.7						
Chlorobenzene	BRL	U	µg/kg wet	28.0						
Chloroethane	BRL	U	µg/kg wet	70.8						
Chloroform	BRL	U	µg/kg wet	24.4						
Chloromethane	BRL	U	µg/kg wet	25.2						
2-Chlorotoluene	BRL	U	µg/kg wet	30.4						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114847 - SW846 5030 Soil (high level)										
Blank (1114847-BLK1)					Prepared & Analyzed: 28-Jul-11					
4-Chlorotoluene	BRL	U	µg/kg wet	44.8						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	94.6						
Dibromochloromethane	BRL	U	µg/kg wet	24.0						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	31.0						
Dibromomethane	BRL	U	µg/kg wet	49.9						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	40.2						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	49.8						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	33.8						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	84.4						
1,1-Dichloroethane	BRL	U	µg/kg wet	45.6						
1,2-Dichloroethane	BRL	U	µg/kg wet	28.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	24.8						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	21.0						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	41.5						
1,2-Dichloropropane	BRL	U	µg/kg wet	25.4						
1,3-Dichloropropane	BRL	U	µg/kg wet	25.2						
2,2-Dichloropropane	BRL	U	µg/kg wet	20.2						
1,1-Dichloropropene	BRL	U	µg/kg wet	30.8						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	27.2						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	14.1						
Ethylbenzene	BRL	U	µg/kg wet	30.4						
Hexachlorobutadiene	BRL	U	µg/kg wet	43.1						
2-Hexanone (MBK)	BRL	U	µg/kg wet	128						
Isopropylbenzene	BRL	U	µg/kg wet	25.1						
4-Isopropyltoluene	BRL	U	µg/kg wet	20.7						
Methyl tert-butyl ether	BRL	U	µg/kg wet	36.4						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	163						
Methylene chloride	BRL	U	µg/kg wet	25.4						
Naphthalene	BRL	U	µg/kg wet	31.0						
n-Propylbenzene	BRL	U	µg/kg wet	30.0						
Styrene	BRL	U	µg/kg wet	37.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	48.0						
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	38.0						
Tetrachloroethene	BRL	U	µg/kg wet	28.6						
Toluene	BRL	U	µg/kg wet	44.8						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	43.3						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	37.6						
1,3,5-Trichlorobenzene	BRL	U	µg/kg wet	35.4						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	40.0						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	43.0						
Trichloroethene	BRL	U	µg/kg wet	38.3						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	20.2						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	22.6						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	16.4						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	49.6						
Vinyl chloride	BRL	U	µg/kg wet	46.9						
m,p-Xylene	BRL	U	µg/kg wet	97.0						
o-Xylene	BRL	U	µg/kg wet	34.2						
Tetrahydrofuran	BRL	U	µg/kg wet	92.5						
Ethyl ether	BRL	U	µg/kg wet	46.6						
Tert-amyl methyl ether	BRL	U	µg/kg wet	39.4						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	17.4						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114847 - SW846 5030 Soil (high level)										
Blank (1114847-BLK1)					Prepared & Analyzed: 28-Jul-11					
Di-isopropyl ether	BRL	U	µg/kg wet	16.1						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	283						
1,4-Dioxane	BRL	U	µg/kg wet	819						
trans-1,4-Dichloro-2-butene	BRL	U	µg/kg wet	128						
Ethanol	BRL	U	µg/kg wet	4180						
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*26.4*		µg/kg wet		*30.0*		*88*	*70-130*		
LCS (1114847-BS1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.0		µg/kg wet		20.0		95	70-130		
Acetone	11.2		µg/kg wet		20.0		56	70-130		
Acrylonitrile	17.0		µg/kg wet		20.0		85	70-130		
Benzene	19.7		µg/kg wet		20.0		98	70-130		
Bromobenzene	22.4		µg/kg wet		20.0		112	70-130		
Bromochloromethane	19.6		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	21.3		µg/kg wet		20.0		107	70-130		
Bromoform	22.8		µg/kg wet		20.0		114	70-130		
Bromomethane	17.2		µg/kg wet		20.0		86	70-130		
2-Butanone (MEK)	12.0		µg/kg wet		20.0		60	70-130		
n-Butylbenzene	18.9		µg/kg wet		20.0		95	70-130		
sec-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130		
tert-Butylbenzene	24.8		µg/kg wet		20.0		124	70-130		
Carbon disulfide	16.9		µg/kg wet		20.0		85	70-130		
Carbon tetrachloride	25.4		µg/kg wet		20.0		127	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	15.8		µg/kg wet		20.0		79	70-130		
Chloroform	17.6		µg/kg wet		20.0		88	70-130		
Chloromethane	13.6		µg/kg wet		20.0		68	70-130		
2-Chlorotoluene	21.9		µg/kg wet		20.0		109	70-130		
4-Chlorotoluene	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	22.2		µg/kg wet		20.0		111	70-130		
Dibromochloromethane	22.3		µg/kg wet		20.0		112	70-130		
1,2-Dibromoethane (EDB)	21.8		µg/kg wet		20.0		109	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	18.8		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	18.7		µg/kg wet		20.0		94	70-130		
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130		
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,3-Dichloropropene	22.1		µg/kg wet		20.0		111	70-130		
trans-1,3-Dichloropropene	22.3		µg/kg wet		20.0		111	70-130		
Ethylbenzene	22.4		µg/kg wet		20.0		112	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114847 - SW846 5030 Soil (high level)										
LCS (1114847-BS1)					Prepared & Analyzed: 28-Jul-11					
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-130		
2-Hexanone (MBK)	18.8		µg/kg wet		20.0		94	70-130		
Isopropylbenzene	22.3		µg/kg wet		20.0		111	70-130		
4-Isopropyltoluene	23.5		µg/kg wet		20.0		117	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/kg wet		20.0		103	70-130		
Methylene chloride	16.7		µg/kg wet		20.0		84	70-130		
Naphthalene	23.2		µg/kg wet		20.0		116	70-130		
n-Propylbenzene	22.9		µg/kg wet		20.0		114	70-130		
Styrene	20.1		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	23.3		µg/kg wet		20.0		116	70-130		
Tetrachloroethene	22.2		µg/kg wet		20.0		111	70-130		
Toluene	20.2		µg/kg wet		20.0		101	70-130		
1,2,3-Trichlorobenzene	21.5		µg/kg wet		20.0		107	70-130		
1,2,4-Trichlorobenzene	21.5		µg/kg wet		20.0		107	70-130		
1,3,5-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	24.2		µg/kg wet		20.0		121	70-130		
1,1,2-Trichloroethane	21.7		µg/kg wet		20.0		108	70-130		
Trichloroethene	21.4		µg/kg wet		20.0		107	70-130		
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	70-130		
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	24.5		µg/kg wet		20.0		122	70-130		
Vinyl chloride	18.7		µg/kg wet		20.0		93	70-130		
m,p-Xylene	45.9		µg/kg wet		40.0		115	70-130		
o-Xylene	22.6		µg/kg wet		20.0		113	70-130		
Tetrahydrofuran	22.3		µg/kg wet		20.0		112	70-130		
Ethyl ether	17.8		µg/kg wet		20.0		89	70-130		
Tert-amyl methyl ether	21.8		µg/kg wet		20.0		109	70-130		
Ethyl tert-butyl ether	18.5		µg/kg wet		20.0		93	70-130		
Di-isopropyl ether	15.2		µg/kg wet		20.0		76	70-130		
Tert-Butanol / butyl alcohol	207		µg/kg wet		200		103	70-130		
1,4-Dioxane	204		µg/kg wet		200		102	70-130		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		101	70-130		
Ethanol	308		µg/kg wet		400		77	70-130		
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*27.1*		µg/kg wet		*30.0*		*90*	*70-130*		
LCS Dup (1114847-BSD1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.0		µg/kg wet		20.0		95	70-130	0.1	25
Acetone	9.9		µg/kg wet		20.0		50	70-130	13	50
Acrylonitrile	15.7		µg/kg wet		20.0		78	70-130	8	25
Benzene	20.5		µg/kg wet		20.0		102	70-130	4	25
Bromobenzene	23.0		µg/kg wet		20.0		115	70-130	3	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	2	25
Bromodichloromethane	21.8		µg/kg wet		20.0		109	70-130	2	25
Bromoform	23.8		µg/kg wet		20.0		119	70-130	4	25
Bromomethane	17.3		µg/kg wet		20.0		86	70-130	0.3	50
2-Butanone (MEK)	17.4		µg/kg wet		20.0		87	70-130	36	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114847 - SW846 5030 Soil (high level)										
LCS Dup (1114847-BSD1)					Prepared & Analyzed: 28-Jul-11					
n-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130	3	25
sec-Butylbenzene	24.2		µg/kg wet		20.0		121	70-130	6	25
tert-Butylbenzene	25.7		µg/kg wet		20.0		129	70-130	3	25
Carbon disulfide	17.4		µg/kg wet		20.0		87	70-130	3	25
Carbon tetrachloride	26.2	QM9	µg/kg wet		20.0		131	70-130	3	25
Chlorobenzene	21.6		µg/kg wet		20.0		108	70-130	4	25
Chloroethane	16.3		µg/kg wet		20.0		81	70-130	3	50
Chloroform	18.1		µg/kg wet		20.0		90	70-130	3	25
Chloromethane	14.4		µg/kg wet		20.0		72	70-130	6	25
2-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	3	25
4-Chlorotoluene	24.0		µg/kg wet		20.0		120	70-130	5	25
1,2-Dibromo-3-chloropropane	23.7		µg/kg wet		20.0		118	70-130	7	25
Dibromochloromethane	23.4		µg/kg wet		20.0		117	70-130	5	50
1,2-Dibromoethane (EDB)	21.9		µg/kg wet		20.0		109	70-130	0.6	25
Dibromomethane	22.3		µg/kg wet		20.0		112	70-130	2	25
1,2-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	1	25
1,3-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	4	25
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		103	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.0		µg/kg wet		20.0		95	70-130	1	50
1,1-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	1	25
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	1	25
1,1-Dichloroethene	18.7		µg/kg wet		20.0		94	70-130	0.7	25
cis-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93	70-130	2	25
trans-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	3	25
1,2-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130	4	25
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130	2	25
2,2-Dichloropropane	21.5		µg/kg wet		20.0		108	70-130	0.7	25
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	3	25
cis-1,3-Dichloropropene	22.2		µg/kg wet		20.0		111	70-130	0.6	25
trans-1,3-Dichloropropene	23.5		µg/kg wet		20.0		118	70-130	5	25
Ethylbenzene	23.6		µg/kg wet		20.0		118	70-130	5	25
Hexachlorobutadiene	23.0		µg/kg wet		20.0		115	70-130	7	50
2-Hexanone (MBK)	18.5		µg/kg wet		20.0		92	70-130	2	25
Isopropylbenzene	23.2		µg/kg wet		20.0		116	70-130	4	25
4-Isopropyltoluene	24.0		µg/kg wet		20.0		120	70-130	2	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	2	25
4-Methyl-2-pentanone (MIBK)	22.0		µg/kg wet		20.0		110	70-130	7	50
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130	1	25
Naphthalene	24.0		µg/kg wet		20.0		120	70-130	3	25
n-Propylbenzene	24.1		µg/kg wet		20.0		121	70-130	5	25
Styrene	20.8		µg/kg wet		20.0		104	70-130	3	25
1,1,1,2-Tetrachloroethane	23.2		µg/kg wet		20.0		116	70-130	6	25
1,1,2,2-Tetrachloroethane	22.8		µg/kg wet		20.0		114	70-130	2	25
Tetrachloroethene	22.7		µg/kg wet		20.0		113	70-130	2	25
Toluene	21.2		µg/kg wet		20.0		106	70-130	5	25
1,2,3-Trichlorobenzene	22.1		µg/kg wet		20.0		110	70-130	3	25
1,2,4-Trichlorobenzene	22.5		µg/kg wet		20.0		112	70-130	5	25
1,3,5-Trichlorobenzene	21.9		µg/kg wet		20.0		109	70-130	3	25
1,1,1-Trichloroethane	25.0		µg/kg wet		20.0		125	70-130	3	25
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130	1	25
Trichloroethene	22.6		µg/kg wet		20.0		113	70-130	5	25
Trichlorofluoromethane (Freon 11)	19.3		µg/kg wet		20.0		96	70-130	2	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114847 - SW846 5030 Soil (high level)										
LCS Dup (1114847-BSD1)					Prepared & Analyzed: 28-Jul-11					
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130	0.3	25
1,2,4-Trimethylbenzene	22.1		µg/kg wet		20.0		111	70-130	6	25
1,3,5-Trimethylbenzene	25.5		µg/kg wet		20.0		127	70-130	4	25
Vinyl chloride	18.1		µg/kg wet		20.0		90	70-130	3	25
m,p-Xylene	47.4		µg/kg wet		40.0		118	70-130	3	25
o-Xylene	23.7		µg/kg wet		20.0		118	70-130	5	25
Tetrahydrofuran	18.7		µg/kg wet		20.0		93	70-130	18	25
Ethyl ether	18.4		µg/kg wet		20.0		92	70-130	3	50
Tert-amyl methyl ether	21.8		µg/kg wet		20.0		109	70-130	0.1	25
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130	2	25
Di-isopropyl ether	15.3		µg/kg wet		20.0		77	70-130	1	25
Tert-Butanol / butyl alcohol	203		µg/kg wet		200		101	70-130	2	25
1,4-Dioxane	222		µg/kg wet		200		111	70-130	9	25
trans-1,4-Dichloro-2-butene	19.5		µg/kg wet		20.0		97	70-130	4	25
Ethanol	285		µg/kg wet		400		71	70-130	8	30
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*27.9*		µg/kg wet		*30.0*		*93*	*70-130*		
Batch 1114853 - SW846 5030 Water MS										
Blank (1114853-BLK1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/l	0.6						
Acetone	BRL	U	µg/l	2.6						
Acrylonitrile	BRL	U	µg/l	0.5						
Benzene	BRL	U	µg/l	0.7						
Bromobenzene	BRL	U	µg/l	0.7						
Bromochloromethane	BRL	U	µg/l	0.7						
Bromodichloromethane	BRL	U	µg/l	0.5						
Bromoform	BRL	U	µg/l	0.6						
Bromomethane	BRL	U	µg/l	1.1						
2-Butanone (MEK)	BRL	U	µg/l	1.7						
n-Butylbenzene	BRL	U	µg/l	0.6						
sec-Butylbenzene	BRL	U	µg/l	0.8						
tert-Butylbenzene	BRL	U	µg/l	0.7						
Carbon disulfide	BRL	U	µg/l	0.6						
Carbon tetrachloride	BRL	U	µg/l	0.5						
Chlorobenzene	BRL	U	µg/l	0.7						
Chloroethane	BRL	U	µg/l	1.0						
Chloroform	BRL	U	µg/l	0.7						
Chloromethane	BRL	U	µg/l	1.5						
2-Chlorotoluene	BRL	U	µg/l	0.8						
4-Chlorotoluene	BRL	U	µg/l	0.7						
1,2-Dibromo-3-chloropropane	BRL	U	µg/l	0.9						
Dibromochloromethane	BRL	U	µg/l	0.3						
1,2-Dibromoethane (EDB)	BRL	U	µg/l	0.3						
Dibromomethane	BRL	U	µg/l	0.7						
1,2-Dichlorobenzene	BRL	U	µg/l	0.7						
1,3-Dichlorobenzene	BRL	U	µg/l	0.7						
1,4-Dichlorobenzene	BRL	U	µg/l	0.6						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/l	0.4						
1,1-Dichloroethane	BRL	U	µg/l	0.7						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114853 - SW846 5030 Water MS										
Blank (1114853-BLK1)					Prepared & Analyzed: 28-Jul-11					
1,2-Dichloroethane	BRL	U	µg/l	0.8						
1,1-Dichloroethene	BRL	U	µg/l	0.5						
cis-1,2-Dichloroethene	BRL	U	µg/l	0.7						
trans-1,2-Dichloroethene	BRL	U	µg/l	0.7						
1,2-Dichloropropane	BRL	U	µg/l	0.7						
1,3-Dichloropropane	BRL	U	µg/l	0.8						
2,2-Dichloropropane	BRL	U	µg/l	0.6						
1,1-Dichloropropene	BRL	U	µg/l	0.6						
cis-1,3-Dichloropropene	BRL	U	µg/l	0.3						
trans-1,3-Dichloropropene	BRL	U	µg/l	0.5						
Ethylbenzene	BRL	U	µg/l	0.7						
Hexachlorobutadiene	BRL	U	µg/l	0.4						
2-Hexanone (MBK)	BRL	U	µg/l	0.5						
Isopropylbenzene	BRL	U	µg/l	0.6						
4-Isopropyltoluene	BRL	U	µg/l	0.6						
Methyl tert-butyl ether	BRL	U	µg/l	0.7						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/l	0.9						
Methylene chloride	BRL	U	µg/l	0.7						
Naphthalene	BRL	U	µg/l	0.3						
n-Propylbenzene	BRL	U	µg/l	0.8						
Styrene	BRL	U	µg/l	0.6						
1,1,1,2-Tetrachloroethane	BRL	U	µg/l	0.6						
1,1,2,2-Tetrachloroethane	BRL	U	µg/l	0.3						
Tetrachloroethene	BRL	U	µg/l	0.7						
Toluene	BRL	U	µg/l	0.8						
1,2,3-Trichlorobenzene	BRL	U	µg/l	0.4						
1,2,4-Trichlorobenzene	BRL	U	µg/l	0.4						
1,3,5-Trichlorobenzene	BRL	U	µg/l	0.8						
1,1,1-Trichloroethane	BRL	U	µg/l	0.6						
1,1,2-Trichloroethane	BRL	U	µg/l	0.6						
Trichloroethene	BRL	U	µg/l	0.8						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/l	0.6						
1,2,3-Trichloropropane	BRL	U	µg/l	0.7						
1,2,4-Trimethylbenzene	BRL	U	µg/l	0.8						
1,3,5-Trimethylbenzene	BRL	U	µg/l	0.7						
Vinyl chloride	BRL	U	µg/l	0.8						
m,p-Xylene	BRL	U	µg/l	1.6						
o-Xylene	BRL	U	µg/l	0.9						
Tetrahydrofuran	BRL	U	µg/l	1.4						
Ethyl ether	BRL	U	µg/l	0.7						
Tert-amyl methyl ether	BRL	U	µg/l	0.7						
Ethyl tert-butyl ether	BRL	U	µg/l	0.8						
Di-isopropyl ether	BRL	U	µg/l	0.7						
Tert-Butanol / butyl alcohol	BRL	U	µg/l	8.6						
1,4-Dioxane	BRL	U	µg/l	14.0						
trans-1,4-Dichloro-2-butene	BRL	U	µg/l	0.8						
Ethanol	BRL	U	µg/l	35.7						
Surrogate: 4-Bromofluorobenzene	*29.4*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*27.8*		µg/l		*30.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.8*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/l		*30.0*		*103*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114853 - SW846 5030 Water MS										
LCS (1114853-BS1)					Prepared & Analyzed: 28-Jul-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.5		µg/l		20.0		123	70-130		
Acetone	20.1		µg/l		20.0		101	70-130		
Acrylonitrile	23.7		µg/l		20.0		118	70-130		
Benzene	18.7		µg/l		20.0		94	70-130		
Bromobenzene	18.7		µg/l		20.0		94	70-130		
Bromochloromethane	19.3		µg/l		20.0		97	70-130		
Bromodichloromethane	21.4		µg/l		20.0		107	70-130		
Bromoform	21.9		µg/l		20.0		109	70-130		
Bromomethane	24.3		µg/l		20.0		121	70-130		
2-Butanone (MEK)	27.6		µg/l		20.0		138	70-130		
n-Butylbenzene	20.3		µg/l		20.0		102	70-130		
sec-Butylbenzene	19.8		µg/l		20.0		99	70-130		
tert-Butylbenzene	20.2		µg/l		20.0		101	70-130		
Carbon disulfide	20.6		µg/l		20.0		103	70-130		
Carbon tetrachloride	27.7	QM9	µg/l		20.0		138	70-130		
Chlorobenzene	18.6		µg/l		20.0		93	70-130		
Chloroethane	19.2		µg/l		20.0		96	70-130		
Chloroform	19.2		µg/l		20.0		96	70-130		
Chloromethane	20.5		µg/l		20.0		102	70-130		
2-Chlorotoluene	19.0		µg/l		20.0		95	70-130		
4-Chlorotoluene	18.2		µg/l		20.0		91	70-130		
1,2-Dibromo-3-chloropropane	25.9		µg/l		20.0		129	70-130		
Dibromochloromethane	23.5		µg/l		20.0		117	70-130		
1,2-Dibromoethane (EDB)	22.8		µg/l		20.0		114	70-130		
Dibromomethane	19.4		µg/l		20.0		97	70-130		
1,2-Dichlorobenzene	19.9		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	19.0		µg/l		20.0		95	70-130		
1,4-Dichlorobenzene	19.3		µg/l		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	25.1		µg/l		20.0		126	70-130		
1,1-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichloroethane	20.4		µg/l		20.0		102	70-130		
1,1-Dichloroethene	21.0		µg/l		20.0		105	70-130		
cis-1,2-Dichloroethene	19.5		µg/l		20.0		98	70-130		
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
1,2-Dichloropropane	17.9		µg/l		20.0		90	70-130		
1,3-Dichloropropane	20.0		µg/l		20.0		100	70-130		
2,2-Dichloropropane	20.1		µg/l		20.0		100	70-130		
1,1-Dichloropropene	20.6		µg/l		20.0		103	70-130		
cis-1,3-Dichloropropene	20.0		µg/l		20.0		100	70-130		
trans-1,3-Dichloropropene	20.7		µg/l		20.0		104	70-130		
Ethylbenzene	19.0		µg/l		20.0		95	70-130		
Hexachlorobutadiene	20.3		µg/l		20.0		102	70-130		
2-Hexanone (MBK)	24.2		µg/l		20.0		121	70-130		
Isopropylbenzene	19.0		µg/l		20.0		95	70-130		
4-Isopropyltoluene	20.7		µg/l		20.0		104	70-130		
Methyl tert-butyl ether	21.1		µg/l		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	70-130		
Methylene chloride	17.3		µg/l		20.0		86	70-130		
Naphthalene	26.1	QM9	µg/l		20.0		131	70-130		
n-Propylbenzene	19.6		µg/l		20.0		98	70-130		
Styrene	18.3		µg/l		20.0		92	70-130		
1,1,1,2-Tetrachloroethane	20.7		µg/l		20.0		103	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114853 - SW846 5030 Water MS										
LCS (1114853-BS1)						Prepared & Analyzed: 28-Jul-11				
1,1,2,2-Tetrachloroethane	20.7		µg/l		20.0		103	70-130		
Tetrachloroethene	20.0		µg/l		20.0		100	70-130		
Toluene	18.2		µg/l		20.0		91	70-130		
1,2,3-Trichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,2,4-Trichlorobenzene	20.1		µg/l		20.0		100	70-130		
1,3,5-Trichlorobenzene	19.0		µg/l		20.0		95	70-130		
1,1,1-Trichloroethane	22.2		µg/l		20.0		111	70-130		
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130		
Trichloroethene	19.3		µg/l		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	24.2		µg/l		20.0		121	70-130		
1,2,3-Trichloropropane	21.2		µg/l		20.0		106	70-130		
1,2,4-Trimethylbenzene	19.8		µg/l		20.0		99	70-130		
1,3,5-Trimethylbenzene	19.7		µg/l		20.0		98	70-130		
Vinyl chloride	24.3		µg/l		20.0		121	70-130		
m,p-Xylene	38.3		µg/l		40.0		96	70-130		
o-Xylene	19.9		µg/l		20.0		100	70-130		
Tetrahydrofuran	22.1		µg/l		20.0		111	70-130		
Ethyl ether	20.7		µg/l		20.0		104	70-130		
Tert-amyl methyl ether	18.2		µg/l		20.0		91	70-130		
Ethyl tert-butyl ether	19.7		µg/l		20.0		98	70-130		
Di-isopropyl ether	19.8		µg/l		20.0		99	70-130		
Tert-Butanol / butyl alcohol	251		µg/l		200		126	70-130		
1,4-Dioxane	254		µg/l		200		127	70-130		
trans-1,4-Dichloro-2-butene	20.0		µg/l		20.0		100	70-130		
Ethanol	546	QM9	µg/l		400		136	70-130		
Surrogate: 4-Bromofluorobenzene	*29.1*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*31.1*		µg/l		*30.0*		*104*	*70-130*		
LCS Dup (1114853-BSD1)						Prepared & Analyzed: 28-Jul-11				
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.7		µg/l		20.0		109	70-130	12	25
Acetone	24.0		µg/l		20.0		120	70-130	17	50
Acrylonitrile	22.8		µg/l		20.0		114	70-130	4	25
Benzene	18.3		µg/l		20.0		92	70-130	2	25
Bromobenzene	18.9		µg/l		20.0		94	70-130	1	25
Bromochloromethane	19.6		µg/l		20.0		98	70-130	1	25
Bromodichloromethane	21.3		µg/l		20.0		106	70-130	0.7	25
Bromoform	22.3		µg/l		20.0		112	70-130	2	25
Bromomethane	24.9		µg/l		20.0		124	70-130	2	50
2-Butanone (MEK)	23.2		µg/l		20.0		116	70-130	17	50
n-Butylbenzene	21.0		µg/l		20.0		105	70-130	3	25
sec-Butylbenzene	20.4		µg/l		20.0		102	70-130	3	25
tert-Butylbenzene	20.3		µg/l		20.0		102	70-130	0.6	25
Carbon disulfide	19.8		µg/l		20.0		99	70-130	4	25
Carbon tetrachloride	26.0		µg/l		20.0		130	70-130	6	25
Chlorobenzene	19.4		µg/l		20.0		97	70-130	4	25
Chloroethane	18.9		µg/l		20.0		94	70-130	2	50
Chloroform	19.1		µg/l		20.0		96	70-130	0.4	25
Chloromethane	18.5		µg/l		20.0		92	70-130	10	25
2-Chlorotoluene	19.1		µg/l		20.0		95	70-130	0.5	25
4-Chlorotoluene	19.0		µg/l		20.0		95	70-130	5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114853 - SW846 5030 Water MS										
LCS Dup (1114853-BSD1)					Prepared & Analyzed: 28-Jul-11					
1,2-Dibromo-3-chloropropane	26.8	QM9	µg/l		20.0		134	70-130	4	25
Dibromochloromethane	22.4		µg/l		20.0		112	70-130	5	50
1,2-Dibromoethane (EDB)	22.6		µg/l		20.0		113	70-130	1	25
Dibromomethane	20.1		µg/l		20.0		100	70-130	4	25
1,2-Dichlorobenzene	20.4		µg/l		20.0		102	70-130	2	25
1,3-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	5	25
1,4-Dichlorobenzene	19.9		µg/l		20.0		100	70-130	3	25
Dichlorodifluoromethane (Freon12)	21.7		µg/l		20.0		109	70-130	15	50
1,1-Dichloroethane	18.4		µg/l		20.0		92	70-130	8	25
1,2-Dichloroethane	19.5		µg/l		20.0		97	70-130	5	25
1,1-Dichloroethene	19.8		µg/l		20.0		99	70-130	6	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98	70-130	0.2	25
trans-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	4	25
1,2-Dichloropropane	18.5		µg/l		20.0		92	70-130	3	25
1,3-Dichloropropane	19.1		µg/l		20.0		96	70-130	5	25
2,2-Dichloropropane	19.9		µg/l		20.0		100	70-130	1	25
1,1-Dichloropropene	19.0		µg/l		20.0		95	70-130	8	25
cis-1,3-Dichloropropene	19.9		µg/l		20.0		100	70-130	0.5	25
trans-1,3-Dichloropropene	21.0		µg/l		20.0		105	70-130	2	25
Ethylbenzene	19.7		µg/l		20.0		98	70-130	4	25
Hexachlorobutadiene	20.0		µg/l		20.0		100	70-130	2	50
2-Hexanone (MBK)	23.7		µg/l		20.0		119	70-130	2	25
Isopropylbenzene	20.0		µg/l		20.0		100	70-130	5	25
4-Isopropyltoluene	21.1		µg/l		20.0		105	70-130	2	25
Methyl tert-butyl ether	20.1		µg/l		20.0		100	70-130	5	25
4-Methyl-2-pentanone (MIBK)	21.4		µg/l		20.0		107	70-130	6	50
Methylene chloride	17.4		µg/l		20.0		87	70-130	0.6	25
Naphthalene	24.8		µg/l		20.0		124	70-130	5	25
n-Propylbenzene	19.8		µg/l		20.0		99	70-130	1	25
Styrene	19.6		µg/l		20.0		98	70-130	7	25
1,1,1,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130	14	25
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	7	25
Tetrachloroethene	20.3		µg/l		20.0		101	70-130	1	25
Toluene	18.1		µg/l		20.0		91	70-130	0.7	25
1,2,3-Trichlorobenzene	21.3		µg/l		20.0		106	70-130	2	25
1,2,4-Trichlorobenzene	20.3		µg/l		20.0		102	70-130	1	25
1,3,5-Trichlorobenzene	19.7		µg/l		20.0		99	70-130	4	25
1,1,1-Trichloroethane	21.5		µg/l		20.0		107	70-130	3	25
1,1,2-Trichloroethane	20.5		µg/l		20.0		102	70-130	3	25
Trichloroethene	19.3		µg/l		20.0		96	70-130	0.1	25
Trichlorofluoromethane (Freon 11)	23.2		µg/l		20.0		116	70-130	5	50
1,2,3-Trichloropropane	22.0		µg/l		20.0		110	70-130	4	25
1,2,4-Trimethylbenzene	19.9		µg/l		20.0		100	70-130	0.3	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	3	25
Vinyl chloride	22.2		µg/l		20.0		111	70-130	9	25
m,p-Xylene	38.5		µg/l		40.0		96	70-130	0.7	25
o-Xylene	19.0		µg/l		20.0		95	70-130	5	25
Tetrahydrofuran	20.1		µg/l		20.0		101	70-130	9	25
Ethyl ether	20.1		µg/l		20.0		101	70-130	3	50
Tert-amyl methyl ether	18.5		µg/l		20.0		93	70-130	2	25
Ethyl tert-butyl ether	19.4		µg/l		20.0		97	70-130	1	25
Di-isopropyl ether	19.5		µg/l		20.0		97	70-130	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114853 - SW846 5030 Water MS										
LCS Dup (1114853-BSD1)					Prepared & Analyzed: 28-Jul-11					
Tert-Butanol / butyl alcohol	227		µg/l		200		113	70-130	10	25
1,4-Dioxane	223		µg/l		200		111	70-130	13	25
trans-1,4-Dichloro-2-butene	22.7		µg/l		20.0		114	70-130	13	25
Ethanol	446		µg/l		400		112	70-130	20	30
Surrogate: 4-Bromofluorobenzene	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*31.1*		µg/l		*30.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114373 - SW846 3510C										
Blank (1114373-BLK1)					Prepared: 22-Jul-11 Analyzed: 25-Jul-11					
Acenaphthene	BRL	U	µg/l	0.810						
Acenaphthylene	BRL	U	µg/l	1.01						
Anthracene	BRL	U	µg/l	0.740						
Benzo (a) anthracene	BRL	U	µg/l	0.560						
Benzo (a) pyrene	BRL	U	µg/l	0.840						
Benzo (b) fluoranthene	BRL	U	µg/l	0.960						
Benzo (g,h,i) perylene	BRL	U	µg/l	1.45						
Benzo (k) fluoranthene	BRL	U	µg/l	1.52						
Chrysene	BRL	U	µg/l	0.660						
Dibenzo (a,h) anthracene	BRL	U	µg/l	1.31						
Fluoranthene	BRL	U	µg/l	2.14						
Fluorene	BRL	U	µg/l	0.910						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/l	1.34						
1-Methylnaphthalene	BRL	U	µg/l	1.10						
2-Methylnaphthalene	BRL	U	µg/l	1.28						
Naphthalene	BRL	U	µg/l	0.750						
Phenanthrene	BRL	U	µg/l	0.600						
Pyrene	BRL	U	µg/l	2.47						
Surrogate: 2-Fluorobiphenyl	*24.6*		µg/l		*50.0*		*49*	*30-130*		
Surrogate: Terphenyl-dl4	*26.0*		µg/l		*50.0*		*52*	*30-130*		
LCS (1114373-BS1)					Prepared: 22-Jul-11 Analyzed: 25-Jul-11					
Acenaphthene	28.7		µg/l	0.810	50.0		57	40-140		
Acenaphthylene	27.3		µg/l	1.01	50.0		55	40-140		
Anthracene	31.9		µg/l	0.740	50.0		64	40-140		
Benzo (a) anthracene	28.9		µg/l	0.560	50.0		58	40-140		
Benzo (a) pyrene	28.0		µg/l	0.840	50.0		56	40-140		
Benzo (b) fluoranthene	25.2		µg/l	0.960	50.0		50	40-140		
Benzo (g,h,i) perylene	28.5		µg/l	1.45	50.0		57	40-140		
Benzo (k) fluoranthene	29.7		µg/l	1.52	50.0		59	40-140		
Chrysene	28.6		µg/l	0.660	50.0		57	40-140		
Dibenzo (a,h) anthracene	27.5		µg/l	1.31	50.0		55	40-140		
Fluoranthene	29.8		µg/l	2.14	50.0		60	40-140		
Fluorene	28.8		µg/l	0.910	50.0		58	40-140		
Indeno (1,2,3-cd) pyrene	27.4		µg/l	1.34	50.0		55	40-140		
1-Methylnaphthalene	27.2		µg/l	1.10	50.0		54	40-140		
2-Methylnaphthalene	26.3		µg/l	1.28	50.0		53	40-140		
Naphthalene	23.8		µg/l	0.750	50.0		48	40-140		
Phenanthrene	28.3		µg/l	0.600	50.0		57	40-140		
Pyrene	28.3		µg/l	2.47	50.0		57	40-140		
Surrogate: 2-Fluorobiphenyl	*29.4*		µg/l		*50.0*		*59*	*30-130*		
Surrogate: Terphenyl-dl4	*33.6*		µg/l		*50.0*		*67*	*30-130*		
LCS Dup (1114373-BSD1)					Prepared: 22-Jul-11 Analyzed: 25-Jul-11					
Acenaphthene	27.7		µg/l	0.810	50.0		55	40-140	4	20
Acenaphthylene	26.5		µg/l	1.01	50.0		53	40-140	3	20
Anthracene	31.1		µg/l	0.740	50.0		62	40-140	3	20
Benzo (a) anthracene	28.2		µg/l	0.560	50.0		56	40-140	2	20
Benzo (a) pyrene	27.5		µg/l	0.840	50.0		55	40-140	2	20
Benzo (b) fluoranthene	24.5		µg/l	0.960	50.0		49	40-140	3	20
Benzo (g,h,i) perylene	27.7		µg/l	1.45	50.0		55	40-140	3	20
Benzo (k) fluoranthene	29.3		µg/l	1.52	50.0		59	40-140	1	20
Chrysene	28.1		µg/l	0.660	50.0		56	40-140	2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114373 - SW846 3510C										
LCS Dup (1114373-BSD1)					Prepared: 22-Jul-11 Analyzed: 25-Jul-11					
Dibenzo (a,h) anthracene	26.9		µg/l	1.31	50.0		54	40-140	2	20
Fluoranthene	29.2		µg/l	2.14	50.0		58	40-140	2	20
Fluorene	28.0		µg/l	0.910	50.0		56	40-140	3	20
Indeno (1,2,3-cd) pyrene	26.8		µg/l	1.34	50.0		54	40-140	2	20
1-Methylnaphthalene	26.7		µg/l	1.10	50.0		53	40-140	2	20
2-Methylnaphthalene	25.5		µg/l	1.28	50.0		51	40-140	3	20
Naphthalene	23.4		µg/l	0.750	50.0		47	40-140	2	20
Phenanthrene	27.5		µg/l	0.600	50.0		55	40-140	3	20
Pyrene	27.7		µg/l	2.47	50.0		55	40-140	2	20
Surrogate: 2-Fluorobiphenyl	*27.4*		µg/l		*50.0*		*55*	*30-130*		
Surrogate: Terphenyl-dl4	*32.4*		µg/l		*50.0*		*65*	*30-130*		
Batch 1114505 - SW846 3545A										
Blank (1114505-BLK1)					Prepared & Analyzed: 25-Jul-11					
Acenaphthene	BRL	U	µg/kg wet	18.6						
Acenaphthylene	BRL	U	µg/kg wet	18.9						
Anthracene	BRL	U	µg/kg wet	19.4						
Benzo (a) anthracene	BRL	U	µg/kg wet	19.2						
Benzo (a) pyrene	BRL	U	µg/kg wet	21.8						
Benzo (b) fluoranthene	BRL	U	µg/kg wet	19.9						
Benzo (g,h,i) perylene	BRL	U	µg/kg wet	25.3						
Benzo (k) fluoranthene	BRL	U	µg/kg wet	29.2						
Chrysene	BRL	U	µg/kg wet	19.7						
Dibenzo (a,h) anthracene	BRL	U	µg/kg wet	22.8						
Fluoranthene	BRL	U	µg/kg wet	30.2						
Fluorene	BRL	U	µg/kg wet	21.0						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg wet	30.5						
1-Methylnaphthalene	BRL	U	µg/kg wet	24.2						
2-Methylnaphthalene	BRL	U	µg/kg wet	19.5						
Naphthalene	BRL	U	µg/kg wet	16.7						
Phenanthrene	BRL	U	µg/kg wet	18.6						
Pyrene	BRL	U	µg/kg wet	33.2						
Surrogate: 2-Fluorobiphenyl	*1420*		µg/kg wet		*1670*		*85*	*30-130*		
Surrogate: Terphenyl-dl4	*1430*		µg/kg wet		*1670*		*86*	*30-130*		
LCS (1114505-BS1)					Prepared & Analyzed: 25-Jul-11					
Acenaphthene	1240		µg/kg wet	18.6	1670		74	40-140		
Acenaphthylene	1170		µg/kg wet	18.9	1670		70	40-140		
Anthracene	1370		µg/kg wet	19.4	1670		82	40-140		
Benzo (a) anthracene	1240		µg/kg wet	19.2	1670		75	40-140		
Benzo (a) pyrene	1210		µg/kg wet	21.8	1670		73	40-140		
Benzo (b) fluoranthene	1130		µg/kg wet	19.9	1670		68	40-140		
Benzo (g,h,i) perylene	1230		µg/kg wet	25.3	1670		74	40-140		
Benzo (k) fluoranthene	1210		µg/kg wet	29.2	1670		73	40-140		
Chrysene	1240		µg/kg wet	19.7	1670		75	40-140		
Dibenzo (a,h) anthracene	1190		µg/kg wet	22.8	1670		72	40-140		
Fluoranthene	1270		µg/kg wet	30.2	1670		76	40-140		
Fluorene	1240		µg/kg wet	21.0	1670		74	40-140		
Indeno (1,2,3-cd) pyrene	1130		µg/kg wet	30.5	1670		68	40-140		
1-Methylnaphthalene	1170		µg/kg wet	24.2	1670		70	40-140		
2-Methylnaphthalene	1090		µg/kg wet	19.5	1670		65	40-140		
Naphthalene	999		µg/kg wet	16.7	1670		60	40-140		
Phenanthrene	1220		µg/kg wet	18.6	1670		73	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114505 - SW846 3545A										
LCS (1114505-BS1)					Prepared & Analyzed: 25-Jul-11					
Pyrene	1190		µg/kg wet	33.2	1670		72	40-140		
Surrogate: 2-Fluorobiphenyl	*1380*		µg/kg wet		*1670*		*83*	*30-130*		
Surrogate: Terphenyl-dl4	*1480*		µg/kg wet		*1670*		*89*	*30-130*		
Duplicate (1114505-DUP1)			**Source: SB32020-06**		Prepared & Analyzed: 25-Jul-11					
Acenaphthene	BRL	U	µg/kg dry	18.4		BRL				50
Acenaphthylene	BRL	U	µg/kg dry	18.7		BRL				50
Anthracene	BRL	U	µg/kg dry	19.2		BRL				50
Benzo (a) anthracene	BRL	U	µg/kg dry	19.0		BRL				50
Benzo (a) pyrene	BRL	U	µg/kg dry	21.5		BRL				50
Benzo (b) fluoranthene	BRL	U	µg/kg dry	19.7		BRL				50
Benzo (g,h,i) perylene	BRL	U	µg/kg dry	25.0		BRL				50
Benzo (k) fluoranthene	BRL	U	µg/kg dry	28.9		BRL				50
Chrysene	BRL	U	µg/kg dry	19.5		BRL				50
Dibenzo (a,h) anthracene	BRL	U	µg/kg dry	22.5		BRL				50
Fluoranthene	BRL	U	µg/kg dry	29.8		BRL				50
Fluorene	BRL	U	µg/kg dry	20.8		BRL				50
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg dry	30.1		BRL				50
1-Methylnaphthalene	BRL	U	µg/kg dry	23.9		BRL				50
2-Methylnaphthalene	BRL	U	µg/kg dry	19.3		BRL				50
Naphthalene	BRL	U	µg/kg dry	16.5		BRL				50
Phenanthrene	BRL	U	µg/kg dry	18.4		BRL				50
Pyrene	BRL	U	µg/kg dry	32.8		BRL				50
Surrogate: 2-Fluorobiphenyl	*1360*		µg/kg dry		*1650*		*83*	*30-130*		
Surrogate: Terphenyl-dl4	*1410*		µg/kg dry		*1650*		*86*	*30-130*		
Matrix Spike (1114505-MS1)			**Source: SB32020-06**		Prepared & Analyzed: 25-Jul-11					
Acenaphthene	1150		µg/kg dry	18.5	1660	BRL	69	40-140		
Acenaphthylene	1080		µg/kg dry	18.8	1660	BRL	65	40-140		
Anthracene	1280		µg/kg dry	19.3	1660	BRL	77	40-140		
Benzo (a) anthracene	1150		µg/kg dry	19.1	1660	BRL	69	40-140		
Benzo (a) pyrene	1130		µg/kg dry	21.7	1660	BRL	68	40-140		
Benzo (b) fluoranthene	1000		µg/kg dry	19.8	1660	BRL	60	40-140		
Benzo (g,h,i) perylene	1120		µg/kg dry	25.2	1660	BRL	67	40-140		
Benzo (k) fluoranthene	1200		µg/kg dry	29.1	1660	BRL	72	40-140		
Chrysene	1150		µg/kg dry	19.6	1660	BRL	69	30-130		
Dibenzo (a,h) anthracene	1090		µg/kg dry	22.7	1660	BRL	65	30-130		
Fluoranthene	1190		µg/kg dry	30.1	1660	BRL	72	40-140		
Fluorene	1140		µg/kg dry	20.9	1660	BRL	69	40-140		
Indeno (1,2,3-cd) pyrene	1030		µg/kg dry	30.4	1660	BRL	62	40-140		
1-Methylnaphthalene	1100		µg/kg dry	24.1	1660	BRL	66	40-140		
2-Methylnaphthalene	1010		µg/kg dry	19.4	1660	BRL	61	40-140		
Naphthalene	939		µg/kg dry	16.7	1660	BRL	57	40-140		
Phenanthrene	1120		µg/kg dry	18.5	1660	BRL	68	40-140		
Pyrene	1120		µg/kg dry	33.1	1660	BRL	68	40-140		
Surrogate: 2-Fluorobiphenyl	*1260*		µg/kg dry		*1660*		*76*	*30-130*		
Surrogate: Terphenyl-dl4	*1380*		µg/kg dry		*1660*		*83*	*30-130*		
Matrix Spike Dup (1114505-MSD1)			**Source: SB32020-06**		Prepared & Analyzed: 25-Jul-11					
Acenaphthene	1120		µg/kg dry	18.8	1680	BRL	67	40-140	3	30
Acenaphthylene	1060		µg/kg dry	19.1	1680	BRL	63	40-140	3	30
Anthracene	1260		µg/kg dry	19.6	1680	BRL	75	40-140	3	30
Benzo (a) anthracene	1130		µg/kg dry	19.4	1680	BRL	67	40-140	3	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114505 - SW846 3545A										
Matrix Spike Dup (1114505-MSD1)			**Source: SB32020-06**		Prepared & Analyzed: 25-Jul-11					
Benzo (a) pyrene	1110		µg/kg dry	22.0	1680	BRL	66	40-140	3	30
Benzo (b) fluoranthene	1010		µg/kg dry	20.1	1680	BRL	60	40-140	0.4	30
Benzo (g,h,i) perylene	1100		µg/kg dry	25.5	1680	BRL	66	40-140	3	30
Benzo (k) fluoranthene	1140		µg/kg dry	29.5	1680	BRL	68	40-140	6	30
Chrysene	1140		µg/kg dry	19.9	1680	BRL	68	30-130	2	30
Dibenzo (a,h) anthracene	1070		µg/kg dry	23.0	1680	BRL	64	30-130	3	30
Fluoranthene	1170		µg/kg dry	30.5	1680	BRL	69	40-140	3	30
Fluorene	1120		µg/kg dry	21.2	1680	BRL	67	40-140	3	30
Indeno (1,2,3-cd) pyrene	1030		µg/kg dry	30.8	1680	BRL	61	40-140	2	30
1-Methylnaphthalene	1070		µg/kg dry	24.4	1680	BRL	64	40-140	3	30
2-Methylnaphthalene	997		µg/kg dry	19.7	1680	BRL	59	40-140	3	30
Naphthalene	925		µg/kg dry	16.8	1680	BRL	55	40-140	3	30
Phenanthrene	1100		µg/kg dry	18.8	1680	BRL	66	40-140	3	30
Pyrene	1100		µg/kg dry	33.5	1680	BRL	65	40-140	4	30
Surrogate: 2-Fluorobiphenyl	*1270*		µg/kg dry		*1680*		*75*	*30-130*		
Surrogate: Terphenyl-dl4	*1360*		µg/kg dry		*1680*		*81*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114450 - SW846 3050B										
Blank (1114450-BLK1)					Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Lead	BRL	U	mg/kg wet	0.154						
Selenium	BRL	U	mg/kg wet	0.192						
Cadmium	BRL	U	mg/kg wet	0.0477						
Chromium	BRL	U	mg/kg wet	0.315						
Arsenic	BRL	U	mg/kg wet	0.208						
Silver	BRL	U	mg/kg wet	0.200						
Barium	BRL	U	mg/kg wet	0.209						
Duplicate (1114450-DUP1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Selenium	BRL	U	mg/kg dry	0.223		BRL				20
Lead	0.810	J	mg/kg dry	0.179		0.957			17	20
Arsenic	0.408	QR8, J	mg/kg dry	0.243		0.243			50	20
Cadmium	BRL	U	mg/kg dry	0.0556		BRL				20
Chromium	6.69		mg/kg dry	0.367		6.07			10	20
Silver	BRL	U	mg/kg dry	0.233		BRL				20
Barium	9.01		mg/kg dry	0.243		8.87			2	20
Matrix Spike (1114450-MS1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Selenium	138		mg/kg dry	0.223	126	BRL	110	75-125		
Lead	124		mg/kg dry	0.179	126	0.957	98	75-125		
Arsenic	140		mg/kg dry	0.242	126	0.243	112	75-125		
Cadmium	122		mg/kg dry	0.0554	126	BRL	97	75-125		
Chromium	127		mg/kg dry	0.366	126	6.07	97	75-125		
Silver	146		mg/kg dry	0.232	126	BRL	116	75-125		
Barium	141		mg/kg dry	0.243	126	8.87	105	75-125		
Matrix Spike Dup (1114450-MSD1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Lead	121		mg/kg dry	0.173	122	0.957	98	75-125	3	20
Selenium	134		mg/kg dry	0.216	122	BRL	110	75-125	3	20
Cadmium	118		mg/kg dry	0.0537	122	BRL	97	75-125	3	20
Chromium	124		mg/kg dry	0.355	122	6.07	97	75-125	3	20
Arsenic	137		mg/kg dry	0.235	122	0.243	113	75-125	2	20
Silver	141		mg/kg dry	0.225	122	BRL	116	75-125	3	20
Barium	138		mg/kg dry	0.235	122	8.87	106	75-125	3	20
Post Spike (1114450-PS1)			**Source: SB32020-06**		Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Selenium	119		mg/kg dry	0.193	109	BRL	109	80-120		
Lead	106		mg/kg dry	0.155	109	0.957	97	80-120		
Arsenic	121		mg/kg dry	0.210	109	0.243	111	80-120		
Silver	124		mg/kg dry	0.201	109	BRL	114	80-120		
Cadmium	103		mg/kg dry	0.0480	109	BRL	95	80-120		
Chromium	112		mg/kg dry	0.317	109	6.07	97	80-120		
Barium	123		mg/kg dry	0.210	109	8.87	105	80-120		
Reference (1114450-SRM1)					Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Lead	41.7		mg/kg wet	0.178	38.5		108	83.6-116.5		
Selenium	68.1		mg/kg wet	0.222	64.1		106	80.3-119.7		
Cadmium	43.2		mg/kg wet	0.0552	40.5		107	84-115.9		
Chromium	64.4		mg/kg wet	0.364	59.1		109	81.7-117.9		
Arsenic	57.6		mg/kg wet	0.241	55.0		105	82.94-117.4		
Silver	22.3		mg/kg wet	0.231	20.7		108	66.1-133.7		
Barium	110		mg/kg wet	0.242	104		106	83.5-116.5		
Reference (1114450-SRM2)					Prepared: 26-Jul-11 Analyzed: 29-Jul-11					
Selenium	66.2		mg/kg wet	0.222	65.0		102	80.3-119.7		
Lead	40.3		mg/kg wet	0.178	39.0		103	83.6-116.5		
Chromium	62.6		mg/kg wet	0.364	59.9		105	81.7-117.9		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114450 - SW846 3050B										
Reference (1114450-SRM2)					Prepared: 26-Jul-11		Analyzed: 29-Jul-11			
Cadmium	41.7		mg/kg wet	0.0552	41.0		102	84-115.9		
Arsenic	56.0		mg/kg wet	0.241	55.8		101	82.94-117.4		
Silver	22.0		mg/kg wet	0.231	21.0		105	66.1-133.7		
Barium	109		mg/kg wet	0.242	105		104	83.5-116.5		
Batch 1114451 - EPA200/SW7000 Series										
Blank (1114451-BLK1)					Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	BRL	U	mg/kg wet	0.0057						
Duplicate (1114451-DUP1)			**Source: SB32020-06**		Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	BRL	U	mg/kg dry	0.0056		BRL				20
Matrix Spike (1114451-MS1)			**Source: SB32020-06**		Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	0.426		mg/kg dry	0.0290	0.394	BRL	108	75-125		
Matrix Spike Dup (1114451-MSD1)			**Source: SB32020-06**		Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	0.415		mg/kg dry	0.0289	0.392	BRL	106	75-125	3	20
Post Spike (1114451-PS1)			**Source: SB32020-06**		Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	0.455		mg/kg dry	0.0294	0.399	BRL	114	80-120		
Reference (1114451-SRM1)					Prepared: 26-Jul-11		Analyzed: 01-Aug-11			
Mercury	2.17		mg/kg wet	0.0614	2.18		99	71.8-127.8		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114453 - SW846 3005A										
Blank (1114453-BLK1)					Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Selenium	BRL	U	mg/l	0.0024						
Lead	BRL	U	mg/l	0.0045						
Silver	BRL	U	mg/l	0.0020						
Arsenic	BRL	U	mg/l	0.0032						
Barium	BRL	U	mg/l	0.0034						
Cadmium	BRL	U	mg/l	0.0001						
Chromium	BRL	U	mg/l	0.0034						
LCS (1114453-BS1)					Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Selenium	1.20		mg/l	0.0024	1.25		96	85-115		
Lead	1.27		mg/l	0.0045	1.25		102	85-115		
Cadmium	1.30		mg/l	0.0001	1.25		104	85-115		
Barium	1.28		mg/l	0.0034	1.25		102	85-115		
Arsenic	1.22		mg/l	0.0032	1.25		98	85-115		
Chromium	1.20		mg/l	0.0034	1.25		96	85-115		
Silver	1.19		mg/l	0.0020	1.25		95	85-115		
LCS Dup (1114453-BSD1)					Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Lead	1.27		mg/l	0.0045	1.25		102	85-115	0.4	20
Selenium	1.20		mg/l	0.0024	1.25		96	85-115	0	20
Silver	1.20		mg/l	0.0020	1.25		96	85-115	0.4	20
Chromium	1.20		mg/l	0.0034	1.25		96	85-115	0.6	20
Cadmium	1.30		mg/l	0.0001	1.25		104	85-115	0.08	20
Barium	1.27		mg/l	0.0034	1.25		102	85-115	0.5	20
Arsenic	1.22		mg/l	0.0032	1.25		97	85-115	0.2	20
Duplicate (1114453-DUP1)			**Source: SB32020-05**		Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Selenium	BRL	U	mg/l	0.0024		BRL				20
Lead	BRL	U	mg/l	0.0045		BRL				20
Barium	0.435		mg/l	0.0034		0.451			3	20
Chromium	BRL	U	mg/l	0.0034		BRL				20
Cadmium	0.0002	QR8, J	mg/l	0.0001		0.0004			73	20
Silver	BRL	U	mg/l	0.0020		BRL				20
Arsenic	BRL	U	mg/l	0.0032		BRL				20
Matrix Spike (1114453-MS1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Selenium	1.21		mg/l	0.0024	1.25	BRL	97	75-125		
Lead	1.20		mg/l	0.0045	1.25	0.0120	95	75-125		
Barium	1.65		mg/l	0.0034	1.25	0.335	105	75-125		
Cadmium	1.25		mg/l	0.0001	1.25	0.0003	100	75-125		
Arsenic	1.38		mg/l	0.0032	1.25	BRL	110	75-125		
Silver	1.29		mg/l	0.0020	1.25	BRL	103	75-125		
Chromium	1.13		mg/l	0.0034	1.25	BRL	91	75-125		
Matrix Spike Dup (1114453-MSD1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Lead	1.17		mg/l	0.0045	1.25	0.0120	93	75-125	2	20
Selenium	1.18		mg/l	0.0024	1.25	BRL	95	75-125	2	20
Cadmium	1.22		mg/l	0.0001	1.25	0.0003	98	75-125	2	20
Silver	1.25		mg/l	0.0020	1.25	BRL	100	75-125	2	20
Chromium	1.11		mg/l	0.0034	1.25	BRL	88	75-125	3	20
Barium	1.60		mg/l	0.0034	1.25	0.335	101	75-125	3	20
Arsenic	1.34		mg/l	0.0032	1.25	BRL	107	75-125	3	20
Post Spike (1114453-PS1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Selenium	1.29		mg/l	0.0024	1.25	BRL	103	80-120		
Lead	1.15		mg/l	0.0045	1.25	0.0120	91	80-120		
Arsenic	1.31		mg/l	0.0032	1.25	BRL	105	80-120		

Soluble Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114453 - SW846 3005A										
Post Spike (1114453-PS1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 30-Jul-11					
Silver	1.23		mg/l	0.0020	1.25	BRL	98	80-120		
Barium	1.57		mg/l	0.0034	1.25	0.335	99	80-120		
Cadmium	1.20		mg/l	0.0001	1.25	0.0003	96	80-120		
Chromium	1.09		mg/l	0.0034	1.25	BRL	87	80-120		

Soluble Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1114454 - EPA200/SW7000 Series										
Blank (1114454-BLK1)					Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	BRL	U	mg/l	0.00007						
LCS (1114454-BS1)					Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	0.00529		mg/l	0.00007	0.00500		106	85-115		
Duplicate (1114454-DUP1)			**Source: SB32020-05**		Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	BRL	U	mg/l	0.00007		BRL				20
Matrix Spike (1114454-MS1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	0.00587		mg/l	0.00007	0.00500	BRL	117	80-120		
Matrix Spike Dup (1114454-MSD1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	0.00563		mg/l	0.00007	0.00500	BRL	113	80-120	4	20
Post Spike (1114454-PS1)			**Source: SB32020-03**		Prepared: 27-Jul-11 Analyzed: 28-Jul-11					
Mercury	0.00553		mg/l	0.00007	0.00500	BRL	111	85-115		

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
U	Analyte included in the analysis, but not detected
BDL	Below Detection Limit - Analyte NOT DETECTED at or above the minimum detection limit
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

SB33020

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Stantec
5 Dartmouth Dr Suite 101
Auburn, NH 03032

Telephone #:
Project Mgr. Donald Moore

Invoice To: Same

P.O. No.: RQN:

Project No.: 191710847 / TASK 200
Site Name: A+P Inwood
Location: New York State: NY
Sampler(s): B Bline / STANTEC

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= 11=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= DISTILLED H_2O X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☐ No ☐

QA/QC Reporting Level
- [x] Standard ☐ No QC ☐ DQA*
- ☐ NY ASP A* ☐ NY ASP B*
- ☐ NJ Reduced* ☐ NJ Full*
- ☐ TIER II* ☐ TIER V*
- ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260 B	PAH 8270 C	RCRA METALS							
33020-01	TRIP BLANK			G	X1	4				X									One received empty
-02	B-102(6.5'-7.0')	7/19/11	950	G	SO	3	2			X	X	X							
-03	B-102	7/19/11	1100	G	GW	3	1		1	X	X	X							metals are filtered 0.45µ
-04	B-103(6.5'-7.3')	7/19/11	1115	G	SO	3	2			X	X	X							
-05	B-103	7/19/11	1230	G	GW	3	1		1	X	X	X							metals are filtered 0.45µ
-06	B-101(4.8'-6.1')	7/19/11	1340	G	SO	3	2			X	X	X							
-07	B-101	7/19/11	1400	G	GW	3	1		1	X	X	X							metals filtered 0.45µ

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	Fed EX			
Fed EX	[signature]	7/20/11	10:00	4.6

☐ EDD Format
☐ E-mail to

☐ Ambient ☒ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

APPENDIX C

Laboratory Report
August 25, 2011 Elevator Pit Oil Sheen Sampling Event

Report Date:
08-Sep-11 16:27

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Stantec Consulting Services
5 Dartmouth Drive, Suite 101
Auburn, NH 03032
Attn: Don Moore

Project: A&P Inwood - New York, NY
Project #: 191710847

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB34396-01	Elevator Pit	Oil	25-Aug-11 14:00	26-Aug-11 10:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 5 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received 0.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Matrix Change for SB34396-01 Case Narrative:

Per client request, the matrix for SB34396-01 (Elevator Pit) has been changed from ground water to oil. Please see the attached report.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Elevator Pit	191710847	Oil	25-Aug-11 14:00	26-Aug-11
SB34396-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls by SW846 8082													
Prepared by method SW846 3580A													
12674-11-2	Aroclor-1016	< 160	U	µg/kg	394	160	1	SW846 8082A	02-Sep-11	03-Sep-11	IMR	1117765	X
11104-28-2	Aroclor-1221	< 197	U	µg/kg	394	197	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 162	U	µg/kg	394	162	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 217	U	µg/kg	394	217	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186	U	µg/kg	394	186	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 102	U	µg/kg	394	102	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 145	U	µg/kg	394	145	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 341	U	µg/kg	394	341	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 132	U	µg/kg	394	132	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1117765 - SW846 3580A										
Blank (1117765-BLK1)					Prepared: 02-Sep-11 Analyzed: 03-Sep-11					
Aroclor-1016	< 163	U	µg/kg	163						
Aroclor-1016 [2C]	< 102	U	µg/kg	102						
Aroclor-1221	< 200	U	µg/kg	200						
Aroclor-1221 [2C]	< 200	U	µg/kg	200						
Aroclor-1232	< 165	U	µg/kg	165						
Aroclor-1232 [2C]	< 133	U	µg/kg	133						
Aroclor-1242	< 220	U	µg/kg	220						
Aroclor-1242 [2C]	< 206	U	µg/kg	206						
Aroclor-1248	< 189	U	µg/kg	189						
Aroclor-1248 [2C]	< 191	U	µg/kg	191						
Aroclor-1254	< 104	U	µg/kg	104						
Aroclor-1254 [2C]	< 134	U	µg/kg	134						
Aroclor-1260	< 147	U	µg/kg	147						
Aroclor-1260 [2C]	< 113	U	µg/kg	113						
Aroclor-1262	< 346	U	µg/kg	346						
Aroclor-1262 [2C]	< 306	U	µg/kg	306						
Aroclor-1268	< 134	U	µg/kg	134						
Aroclor-1268 [2C]	< 203	U	µg/kg	203						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*360*		µg/kg		*400*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*420*		µg/kg		*400*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*380*		µg/kg		*400*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*400*		µg/kg		*400*		*100*	*30-150*		
LCS (1117765-BS1)					Prepared: 02-Sep-11 Analyzed: 03-Sep-11					
Aroclor-1016	**5600**		µg/kg	163	5000		112	50-140		
Aroclor-1016 [2C]	**5580**		µg/kg	102	5000		112	50-140		
Aroclor-1260	**5100**		µg/kg	147	5000		102	50-140		
Aroclor-1260 [2C]	**5580**		µg/kg	113	5000		112	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*420*		µg/kg		*400*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*460*		µg/kg		*400*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*440*		µg/kg		*400*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*480*		µg/kg		*400*		*120*	*30-150*		
LCS Dup (1117765-BSD1)					Prepared: 02-Sep-11 Analyzed: 03-Sep-11					
Aroclor-1016	**5580**		µg/kg	163	5000		112	50-140	0.4	30
Aroclor-1016 [2C]	**5640**		µg/kg	102	5000		113	50-140	1	30
Aroclor-1260	**5100**		µg/kg	147	5000		102	50-140	0	30
Aroclor-1260 [2C]	**5200**		µg/kg	113	5000		104	50-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*420*		µg/kg		*400*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*440*		µg/kg		*400*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*440*		µg/kg		*400*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*460*		µg/kg		*400*		*115*	*30-150*		

Notes and Definitions

U	Analyte included in the analysis, but not detected
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

SB 34396 EM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Stantec
5 Dartmouth Drive Suite 101
Auburn, NH 03032

Telephone #:
Project Mgr. Donald Moore

Invoice To: Same

P.O. No.: RQN:

Project No.: 191710847
Site Name: A+P Inwood
Location: Inwood State: NY
Sampler(s): B Blive / Stantec

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= _____ 11= _____

List preservative code below: 2

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☐ No ☐

QA/QC Reporting Level
- [x] Standard ☐ No QC ☐ DQA*
- ☐ NY ASP A* ☐ NY ASP B*
- ☐ NJ Reduced* ☐ NJ Full*
- ☐ TIER II* ☐ TIER V*
- ☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		~~8260~~	~~SVOC, 8270~~	PCBs *							State-specific reporting standards:
34396-01	ELEVATOR PIT	8/25/11	1400	G	GW	3	1				X	X	X							Analyze oil layer
	~~Hold~~ Run.	analyses	until	notified	by	Donald	Moore													Per client request.

Relinquished by:	Received by:	Date:	Time:	Temp°C
B Blive / Stantec		8/26/11	10:05	0.2

☐ EDD Format _____
☐ E-mail to _____

☐ Ambient ☒ Iced ☐ Refrigerated ☐ Fridge temp ____°C ☐ Freezer temp ____°C

APPENDIX D

Laboratory Report
October 24, 2011 Soil and Ground Water Sampling Event

Report Date:
27-Oct-11 15:36

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Stantec Consulting Services
5 Dartmouth Drive, Suite 101
Auburn, NH 03032
Attn: Don Moore

Project: A&P Inwood - New York, NY
Project #: 191710847.200

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB38052-01	Trip Blank	Distilled Water	24-Oct-11 00:00	25-Oct-11 10:12
SB38052-02	B-104 (8-10)	Soil	24-Oct-11 15:25	25-Oct-11 10:12
SB38052-03	B-104	Ground Water	24-Oct-11 15:30	25-Oct-11 10:12
SB38052-04	B-105 (8-10)	Soil	24-Oct-11 12:20	25-Oct-11 10:12
SB38052-05	B-105	Ground Water	24-Oct-11 12:30	25-Oct-11 10:12

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 35 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received 1.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Additional dilution factors may be required to keep analyte concentration within instrument calibration.

Method SW846 5035A is designed to use on samples containing low levels of VOCs, ranging from 0.5 to 200 ug/Kg. Target analytes that are less responsive to purge and trap may be present at concentrations over 200ug/Kg but may not be reportable in the methanol preserved vial (SW846 5030). This is the result of the inherent dilution factor required for the methanol preservation.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 6010C

Duplicates:

1122211-DUP1 *Source: SB38052-03*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Cadmium

SW846 8260C

Calibration:

1109026

Analyte quantified by quadratic equation type calibration.

1,1,2,2-Tetrachloroethane
1,2-Dibromo-3-chloropropane
1,4-Dioxane
Bromodichloromethane
Bromoform
cis-1,3-Dichloropropene
Dibromochloromethane
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene
Vinyl chloride

This affected the following samples:

1122302-BLK1
1122302-BS1
1122302-BSD1
B-104
B-105
S108630-ICV1
S109879-CCV1
Trip Blank

1110031

SW846 8260C

Calibration:

1110031

Analyte quantified by quadratic equation type calibration.

1,2-Dibromo-3-chloropropane
Bromoform
Carbon disulfide
Naphthalene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

This affected the following samples:

1122266-BLK1
1122266-BS1
1122266-BSD1
B-104 (8-10)
B-105 (8-10)
S109584-ICV1
S109881-CCV1

Laboratory Control Samples:

1122266 BS/BSD

Acetone percent recoveries (131/110) are outside individual acceptance criteria (70-130), but within overall method allowances.
All reported results of the following samples are considered to have a potentially high bias:

B-104 (8-10)
B-105 (8-10)

1122302 BS/BSD

Bromoform percent recoveries (140/142) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

B-104
B-105
Trip Blank

Samples:

S109879-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,3-Dichlorobenzene (23.4%)
Dichlorodifluoromethane (Freon12) (-24.1%)
Tert-Butanol / butyl alcohol (-20.7%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

Bromoform (40.0%)
Dibromochloromethane (27.4%)

This affected the following samples:

1122302-BLK1
1122302-BS1
1122302-BSD1
B-104
B-105
Trip Blank

SB38052-02 *B-104 (8-10)*

SW846 8260C

Samples:

SB38052-02 *B-104 (8-10)*

This compound is a common laboratory contaminant.

Methylene chloride

SB38052-04 *B-105 (8-10)*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Dibromofluoromethane

This compound is a common laboratory contaminant.

Methylene chloride

SW846 8270D

Samples:

S109890-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

2-Methylnaphthalene (26.3%)

This affected the following samples:

1122244-BLK1
1122244-BS1
B-104 (8-10)
B-105 (8-10)

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank	191710847.200	Distilled Water	24-Oct-11 00:00	25-Oct-11
SB38052-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
67-64-1	Acetone	< 2.6	U	µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	< 1.1	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 1.7	U	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.6	U	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	< 1.0	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	< 1.5	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 0.9	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 0.4	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.4	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.5	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank	191710847.200	Distilled Water	24-Oct-11 00:00	25-Oct-11
SB38052-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
99-87-6	4-Isopropyltoluene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.9	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	< 0.7	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 0.3	U	µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 1.6	U	µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	< 0.9	U	µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 1.4	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	< 8.6	U	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 14.0	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	< 0.8	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	< 35.7	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (8-10)	191710847.200	Soil	24-Oct-11 15:25	25-Oct-11
SB38052-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	25-Oct-11	25-Oct-11	BD	1122228	
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.22 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 4.3	U	µg/kg dry	6.5	4.3	1	SW846 8260C	26-Oct-11	26-Oct-11	JRO	1122266	X
67-64-1	Acetone	< 48.6	U	µg/kg dry	64.7	48.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 5.8	U	µg/kg dry	6.5	5.8	1	"	"	"	"	"	X
71-43-2	Benzene	< 3.4	U	µg/kg dry	6.5	3.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	< 4.1	U	µg/kg dry	6.5	4.1	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	< 2.1	U	µg/kg dry	6.5	2.1	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 2.4	U	µg/kg dry	6.5	2.4	1	"	"	"	"	"	X
75-25-2	Bromoform	< 4.5	U	µg/kg dry	6.5	4.5	1	"	"	"	"	"	X
74-83-9	Bromomethane	< 11.7	U	µg/kg dry	12.9	11.7	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 55.5	U	µg/kg dry	64.7	55.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 3.2	U	µg/kg dry	6.5	3.2	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 6.3	U	µg/kg dry	6.5	6.3	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 4.7	U	µg/kg dry	6.5	4.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 9.2	U	µg/kg dry	12.9	9.2	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 6.4	U	µg/kg dry	6.5	6.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 3.6	U	µg/kg dry	6.5	3.6	1	"	"	"	"	"	X
75-00-3	Chloroethane	< 9.2	U	µg/kg dry	12.9	9.2	1	"	"	"	"	"	X
67-66-3	Chloroform	< 3.2	U	µg/kg dry	6.5	3.2	1	"	"	"	"	"	X
74-87-3	Chloromethane	< 3.3	U	µg/kg dry	12.9	3.3	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 3.9	U	µg/kg dry	6.5	3.9	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 5.8	U	µg/kg dry	6.5	5.8	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 12.2	U	µg/kg dry	12.9	12.2	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 3.1	U	µg/kg dry	6.5	3.1	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 4.0	U	µg/kg dry	6.5	4.0	1	"	"	"	"	"	X
74-95-3	Dibromomethane	< 6.5	U	µg/kg dry	6.5	6.5	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 5.2	U	µg/kg dry	6.5	5.2	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 6.4	U	µg/kg dry	6.5	6.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 4.4	U	µg/kg dry	6.5	4.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 10.9	U	µg/kg dry	12.9	10.9	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 5.9	U	µg/kg dry	6.5	5.9	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 3.6	U	µg/kg dry	6.5	3.6	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 3.2	U	µg/kg dry	6.5	3.2	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 2.7	U	µg/kg dry	6.5	2.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 5.4	U	µg/kg dry	6.5	5.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 3.3	U	µg/kg dry	6.5	3.3	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 3.3	U	µg/kg dry	6.5	3.3	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 2.6	U	µg/kg dry	6.5	2.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 4.0	U	µg/kg dry	6.5	4.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 3.5	U	µg/kg dry	6.5	3.5	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 1.8	U	µg/kg dry	6.5	1.8	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 3.9	U	µg/kg dry	6.5	3.9	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 5.6	U	µg/kg dry	6.5	5.6	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (8-10)	191710847.200	Soil	24-Oct-11 15:25	25-Oct-11
SB38052-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.22 g							
591-78-6	2-Hexanone (MBK)	< 16.5	U	µg/kg dry	64.7	16.5	1	SW846 8260C	26-Oct-11	26-Oct-11	JRO	1122266	X
98-82-8	Isopropylbenzene	< 3.2	U	µg/kg dry	6.5	3.2	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	< 2.7	U	µg/kg dry	6.5	2.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 4.7	U	µg/kg dry	6.5	4.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 21.0	U	µg/kg dry	64.7	21.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	4.7	O01, J	µg/kg dry	12.9	3.3	1	"	"	"	"	"	X
91-20-3	Naphthalene	30.8		µg/kg dry	6.5	4.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 3.9	U	µg/kg dry	6.5	3.9	1	"	"	"	"	"	X
100-42-5	Styrene	< 4.8	U	µg/kg dry	6.5	4.8	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 6.2	U	µg/kg dry	6.5	6.2	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 4.9	U	µg/kg dry	6.5	4.9	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 3.7	U	µg/kg dry	6.5	3.7	1	"	"	"	"	"	X
108-88-3	Toluene	< 5.8	U	µg/kg dry	6.5	5.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 5.6	U	µg/kg dry	6.5	5.6	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 4.9	U	µg/kg dry	6.5	4.9	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 4.6	U	µg/kg dry	6.5	4.6	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 5.2	U	µg/kg dry	6.5	5.2	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 5.6	U	µg/kg dry	6.5	5.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	< 5.0	U	µg/kg dry	6.5	5.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 2.6	U	µg/kg dry	6.5	2.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 2.9	U	µg/kg dry	6.5	2.9	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 2.1	U	µg/kg dry	6.5	2.1	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 6.4	U	µg/kg dry	6.5	6.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 6.1	U	µg/kg dry	6.5	6.1	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 12.5	U	µg/kg dry	12.9	12.5	1	"	"	"	"	"	X
95-47-6	o-Xylene	< 4.4	U	µg/kg dry	6.5	4.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 12.0	U	µg/kg dry	12.9	12.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 6.0	U	µg/kg dry	6.5	6.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 5.1	U	µg/kg dry	6.5	5.1	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	< 2.3	U	µg/kg dry	6.5	2.3	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	< 2.1	U	µg/kg dry	6.5	2.1	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	< 36.6	U	µg/kg dry	64.7	36.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 106	U	µg/kg dry	129	106	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	< 16.6	U	µg/kg dry	32.3	16.6	1	"	"	"	"	"	X
64-17-5	Ethanol	< 541	U	µg/kg dry	2590	541	1	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*90*			*70-130 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GCMS

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (8-10)	191710847.200	Soil	24-Oct-11 15:25	25-Oct-11
SB38052-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	48.5	J	µg/kg dry	191	21.5	1	SW846 8270D	26-Oct-11	26-Oct-11	MSL	1122244	X
208-96-8	Acenaphthylene	< 21.8	U	µg/kg dry	191	21.8	1	"	"	"	"	"	X
120-12-7	Anthracene	135	J	µg/kg dry	191	22.4	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	232		µg/kg dry	191	22.2	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	202		µg/kg dry	191	25.2	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	172	J	µg/kg dry	191	23.0	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	117	J	µg/kg dry	191	29.2	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	156	J	µg/kg dry	191	33.7	1	"	"	"	"	"	X
218-01-9	Chrysene	194		µg/kg dry	191	22.8	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	< 26.3	U	µg/kg dry	191	26.3	1	"	"	"	"	"	X
206-44-0	Fluoranthene	546		µg/kg dry	191	34.9	1	"	"	"	"	"	X
86-73-7	Fluorene	59.7	J	µg/kg dry	191	24.3	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	117	J	µg/kg dry	191	35.2	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	< 27.9	U	µg/kg dry	191	27.9	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	< 22.5	U	µg/kg dry	191	22.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 19.3	U	µg/kg dry	191	19.3	1	"	"	"	"	"	X
85-01-8	Phenanthrene	479		µg/kg dry	191	21.5	1	"	"	"	"	"	X
129-00-0	Pyrene	442		µg/kg dry	191	38.3	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	*58*			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*62*			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	< 0.263	U	mg/kg dry	1.70	0.263	1	SW846 6010C	25-Oct-11	25-Oct-11	ARF	1122183	X
7440-38-2	Arsenic	2.74		mg/kg dry	1.70	0.274	1	"	"	"	"	"	X
7440-39-3	Barium	50.7		mg/kg dry	1.14	0.275	1	"	"	"	"	"	X
7440-43-9	Cadmium	0.466	J	mg/kg dry	0.568	0.0627	1	"	"	"	"	"	X
7440-47-3	Chromium	17.6		mg/kg dry	1.14	0.414	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0225	J	mg/kg dry	0.0347	0.0071	1	SW846 7471B	"	26-Oct-11	EDT	1122184	X
7439-92-1	Lead	14.4		mg/kg dry	1.70	0.202	1	SW846 6010C	"	25-Oct-11	ARF	1122183	X
7782-49-2	Selenium	0.585	J	mg/kg dry	1.70	0.252	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	85.4		%			1	SM2540 G Mod.	25-Oct-11	25-Oct-11	KK	1122202	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104	191710847.200	Ground Water	24-Oct-11 15:30	25-Oct-11
SB38052-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
67-64-1	Acetone	4.7	J	µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	< 1.1	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 1.7	U	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.6	U	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	< 1.0	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	< 1.5	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 0.9	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 0.4	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.4	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.5	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104	191710847.200	Ground Water	24-Oct-11 15:30	25-Oct-11
SB38052-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
99-87-6	4-Isopropyltoluene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.9	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	< 0.7	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	1.0		µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 1.6	U	µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	< 0.9	U	µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 1.4	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	< 8.6	U	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 14.0	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	< 0.8	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	< 35.7	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*112*			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104	191710847.200	Ground Water	24-Oct-11 15:30	25-Oct-11
SB38052-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3510C													
83-32-9	Acenaphthene	< 0.890	U	µg/l	5.49	0.890	1	SW846 8270D	25-Oct-11	26-Oct-11	ML	1122140	X
208-96-8	Acenaphthylene	< 1.11	U	µg/l	5.49	1.11	1	"	"	"	"	"	X
120-12-7	Anthracene	0.945	J	µg/l	5.49	0.813	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	2.14	J	µg/l	5.49	0.615	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1.82	J	µg/l	5.49	0.923	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1.37	J	µg/l	5.49	1.05	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	< 1.59	U	µg/l	5.49	1.59	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1.84	J	µg/l	5.49	1.67	1	"	"	"	"	"	X
218-01-9	Chrysene	1.71	J	µg/l	5.49	0.725	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	< 1.44	U	µg/l	5.49	1.44	1	"	"	"	"	"	X
206-44-0	Fluoranthene	3.87	J	µg/l	5.49	2.35	1	"	"	"	"	"	X
86-73-7	Fluorene	< 1.00	U	µg/l	5.49	1.00	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	< 1.47	U	µg/l	5.49	1.47	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	< 1.21	U	µg/l	5.49	1.21	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	< 1.41	U	µg/l	5.49	1.41	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 0.824	U	µg/l	5.49	0.824	1	"	"	"	"	"	X
85-01-8	Phenanthrene	3.13	J	µg/l	5.49	0.659	1	"	"	"	"	"	X
129-00-0	Pyrene	3.84	J	µg/l	5.49	2.71	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	*57*			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field Preserved		N/A			1	EPA 200/6000 methods	25-Oct-11	25-Oct-11	RH	1122219	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	< 0.0020	U	mg/l	0.0050	0.0020	1	SW846 6010C	25-Oct-11	25-Oct-11	EDT	1122211	X
7440-38-2	Arsenic	0.0107		mg/l	0.0040	0.0032	1	"	"	"	"	"	X
7440-39-3	Barium	0.540		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7440-43-9	Cadmium	0.0008	J	mg/l	0.0025	0.0001	1	"	"	"	"	"	X
7440-47-3	Chromium	< 0.0034	U	mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7439-92-1	Lead	< 0.0045	U	mg/l	0.0075	0.0045	1	"	"	"	"	"	X
7782-49-2	Selenium	< 0.0024	U	mg/l	0.0150	0.0024	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods													
7439-97-6	Mercury	< 0.00007	U	mg/l	0.00020	0.00007	1	EPA 245.1/7470A	25-Oct-11	26-Oct-11	EDT	1122213	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (8-10)	191710847.200	Soil	24-Oct-11 12:20	25-Oct-11
SB38052-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	25-Oct-11	25-Oct-11	BD	1122228	
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.11 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 3.0	U	µg/kg dry	4.5	3.0	1	SW846 8260C	26-Oct-11	26-Oct-11	JRO	1122266	X
67-64-1	Acetone	< 33.7	U	µg/kg dry	44.9	33.7	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 4.0	U	µg/kg dry	4.5	4.0	1	"	"	"	"	"	X
71-43-2	Benzene	< 2.4	U	µg/kg dry	4.5	2.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	< 2.9	U	µg/kg dry	4.5	2.9	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	< 1.5	U	µg/kg dry	4.5	1.5	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 1.7	U	µg/kg dry	4.5	1.7	1	"	"	"	"	"	X
75-25-2	Bromoform	< 3.1	U	µg/kg dry	4.5	3.1	1	"	"	"	"	"	X
74-83-9	Bromomethane	< 8.1	U	µg/kg dry	9.0	8.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 38.5	U	µg/kg dry	44.9	38.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 2.2	U	µg/kg dry	4.5	2.2	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 4.4	U	µg/kg dry	4.5	4.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 3.2	U	µg/kg dry	4.5	3.2	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 6.4	U	µg/kg dry	9.0	6.4	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 4.5	U	µg/kg dry	4.5	4.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 2.5	U	µg/kg dry	4.5	2.5	1	"	"	"	"	"	X
75-00-3	Chloroethane	< 6.4	U	µg/kg dry	9.0	6.4	1	"	"	"	"	"	X
67-66-3	Chloroform	< 2.2	U	µg/kg dry	4.5	2.2	1	"	"	"	"	"	X
74-87-3	Chloromethane	< 2.3	U	µg/kg dry	9.0	2.3	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 2.7	U	µg/kg dry	4.5	2.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 4.0	U	µg/kg dry	4.5	4.0	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 8.5	U	µg/kg dry	9.0	8.5	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 2.2	U	µg/kg dry	4.5	2.2	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 2.8	U	µg/kg dry	4.5	2.8	1	"	"	"	"	"	X
74-95-3	Dibromomethane	< 4.5	U	µg/kg dry	4.5	4.5	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 3.6	U	µg/kg dry	4.5	3.6	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 4.5	U	µg/kg dry	4.5	4.5	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 3.0	U	µg/kg dry	4.5	3.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 7.6	U	µg/kg dry	9.0	7.6	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 4.1	U	µg/kg dry	4.5	4.1	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 2.5	U	µg/kg dry	4.5	2.5	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 2.2	U	µg/kg dry	4.5	2.2	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 1.9	U	µg/kg dry	4.5	1.9	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 3.7	U	µg/kg dry	4.5	3.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 2.3	U	µg/kg dry	4.5	2.3	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 2.3	U	µg/kg dry	4.5	2.3	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 1.8	U	µg/kg dry	4.5	1.8	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 2.8	U	µg/kg dry	4.5	2.8	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 2.4	U	µg/kg dry	4.5	2.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 1.3	U	µg/kg dry	4.5	1.3	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 2.7	U	µg/kg dry	4.5	2.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 3.9	U	µg/kg dry	4.5	3.9	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (8-10)	191710847.200	Soil	24-Oct-11 12:20	25-Oct-11
SB38052-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.11 g							
591-78-6	2-Hexanone (MBK)	< 11.4	U	µg/kg dry	44.9	11.4	1	SW846 8260C	26-Oct-11	26-Oct-11	JRO	1122266	X
98-82-8	Isopropylbenzene	< 2.3	U	µg/kg dry	4.5	2.3	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	< 1.9	U	µg/kg dry	4.5	1.9	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 3.3	U	µg/kg dry	4.5	3.3	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 14.6	U	µg/kg dry	44.9	14.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	3.1	O01, J	µg/kg dry	9.0	2.3	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 2.8	U	µg/kg dry	4.5	2.8	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 2.7	U	µg/kg dry	4.5	2.7	1	"	"	"	"	"	X
100-42-5	Styrene	< 3.3	U	µg/kg dry	4.5	3.3	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 4.3	U	µg/kg dry	4.5	4.3	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 3.4	U	µg/kg dry	4.5	3.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 2.6	U	µg/kg dry	4.5	2.6	1	"	"	"	"	"	X
108-88-3	Toluene	< 4.0	U	µg/kg dry	4.5	4.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 3.9	U	µg/kg dry	4.5	3.9	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 3.4	U	µg/kg dry	4.5	3.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 3.2	U	µg/kg dry	4.5	3.2	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 3.6	U	µg/kg dry	4.5	3.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 3.9	U	µg/kg dry	4.5	3.9	1	"	"	"	"	"	X
79-01-6	Trichloroethene	< 3.4	U	µg/kg dry	4.5	3.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 1.8	U	µg/kg dry	4.5	1.8	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 2.0	U	µg/kg dry	4.5	2.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 1.5	U	µg/kg dry	4.5	1.5	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 4.4	U	µg/kg dry	4.5	4.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 4.2	U	µg/kg dry	4.5	4.2	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 8.7	U	µg/kg dry	9.0	8.7	1	"	"	"	"	"	X
95-47-6	o-Xylene	< 3.1	U	µg/kg dry	4.5	3.1	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 8.3	U	µg/kg dry	9.0	8.3	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 4.2	U	µg/kg dry	4.5	4.2	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 3.5	U	µg/kg dry	4.5	3.5	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	< 1.6	U	µg/kg dry	4.5	1.6	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	< 1.4	U	µg/kg dry	4.5	1.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	< 25.4	U	µg/kg dry	44.9	25.4	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 73.5	U	µg/kg dry	89.8	73.5	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	< 11.5	U	µg/kg dry	22.4	11.5	1	"	"	"	"	"	X
64-17-5	Ethanol	< 375	U	µg/kg dry	1800	375	1	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*52*	SGC		*70-130 %*			"	"	"	"	"	

Semivolatile Organic Compounds by GCMS

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (8-10)	191710847.200	Soil	24-Oct-11 12:20	25-Oct-11
SB38052-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS													
PAHs by SW846 8270C													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	< 19.3	U	µg/kg dry	172	19.3	1	SW846 8270D	26-Oct-11	26-Oct-11	MSL	1122244	X
208-96-8	Acenaphthylene	< 19.7	U	µg/kg dry	172	19.7	1	"	"	"	"	"	X
120-12-7	Anthracene	< 20.2	U	µg/kg dry	172	20.2	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	31.9	J	µg/kg dry	172	20.0	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	34.7	J	µg/kg dry	172	22.7	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	21.8	J	µg/kg dry	172	20.7	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	< 26.3	U	µg/kg dry	172	26.3	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	39.5	J	µg/kg dry	172	30.4	1	"	"	"	"	"	X
218-01-9	Chrysene	31.9	J	µg/kg dry	172	20.5	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	< 23.7	U	µg/kg dry	172	23.7	1	"	"	"	"	"	X
206-44-0	Fluoranthene	67.6	J	µg/kg dry	172	31.4	1	"	"	"	"	"	X
86-73-7	Fluorene	< 21.8	U	µg/kg dry	172	21.8	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	< 31.7	U	µg/kg dry	172	31.7	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	< 25.2	U	µg/kg dry	172	25.2	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	< 20.3	U	µg/kg dry	172	20.3	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 17.4	U	µg/kg dry	172	17.4	1	"	"	"	"	"	X
85-01-8	Phenanthrene	35.0	J	µg/kg dry	172	19.3	1	"	"	"	"	"	X
129-00-0	Pyrene	53.7	J	µg/kg dry	172	34.5	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	*45*			*30-130 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*48*			*30-130 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	0.300	J	mg/kg dry	1.45	0.224	1	SW846 6010C	25-Oct-11	25-Oct-11	ARF	1122183	X
7440-38-2	Arsenic	0.648	J	mg/kg dry	1.45	0.233	1	"	"	"	"	"	X
7440-39-3	Barium	68.1		mg/kg dry	0.968	0.234	1	"	"	"	"	"	X
7440-43-9	Cadmium	0.910		mg/kg dry	0.484	0.0534	1	"	"	"	"	"	X
7440-47-3	Chromium	21.1		mg/kg dry	0.968	0.353	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0849		mg/kg dry	0.0281	0.0058	1	SW846 7471B	26-Oct-11	26-Oct-11	EDT	1122350	X
7439-92-1	Lead	70.6		mg/kg dry	1.45	0.172	1	SW846 6010C	25-Oct-11	25-Oct-11	ARF	1122183	X
7782-49-2	Selenium	0.653	J	mg/kg dry	1.45	0.215	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	95.8		%			1	SM2540 G Mod.	25-Oct-11	25-Oct-11	KK	1122202	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105	191710847.200	Ground Water	24-Oct-11 12:30	25-Oct-11
SB38052-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
67-64-1	Acetone	4.0	J	µg/l	10.0	2.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
74-83-9	Bromomethane	< 1.1	U	µg/l	2.0	1.1	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 1.7	U	µg/l	10.0	1.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.6	U	µg/l	2.0	0.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	< 1.0	U	µg/l	2.0	1.0	1	"	"	"	"	"	X
67-66-3	Chloroform	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	< 1.5	U	µg/l	2.0	1.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 0.9	U	µg/l	2.0	0.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 0.4	U	µg/l	2.0	0.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 0.5	U	µg/l	1.0	0.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.5	U	µg/l	0.5	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.4	U	µg/l	0.5	0.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.5	U	µg/l	10.0	0.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105	191710847.200	Ground Water	24-Oct-11 12:30	25-Oct-11
SB38052-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5030 Water MS													
98-82-8	Isopropylbenzene	< 0.6	U	µg/l	1.0	0.6	1	SW846 8260C	26-Oct-11	26-Oct-11	naa	1122302	X
99-87-6	4-Isopropyltoluene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.9	U	µg/l	10.0	0.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	< 0.7	U	µg/l	2.0	0.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	< 0.3	U	µg/l	1.0	0.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
100-42-5	Styrene	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.3	U	µg/l	0.5	0.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
108-88-3	Toluene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 0.4	U	µg/l	1.0	0.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 0.6	U	µg/l	1.0	0.6	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 1.6	U	µg/l	2.0	1.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	< 0.9	U	µg/l	1.0	0.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 1.4	U	µg/l	2.0	1.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	< 0.8	U	µg/l	1.0	0.8	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	< 0.7	U	µg/l	1.0	0.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	< 8.6	U	µg/l	10.0	8.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 14.0	U	µg/l	20.0	14.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-buten e	< 0.8	U	µg/l	5.0	0.8	1	"	"	"	"	"	X
64-17-5	Ethanol	< 35.7	U	µg/l	400	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*95*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*			*70-130 %*			"	"	"	"	"	
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field Preserved		N/A			1	EPA 200/6000 methods	25-Oct-11	25-Oct-11	RH	1122219	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105	191710847.200	Ground Water	24-Oct-11 12:30	25-Oct-11
SB38052-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	< 0.0020	U	mg/l	0.0050	0.0020	1	SW846 6010C	25-Oct-11	25-Oct-11	EDT	1122211	X
7440-38-2	Arsenic	< 0.0032	U	mg/l	0.0040	0.0032	1	"	"	"	"	"	X
7440-39-3	Barium	0.181		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7440-43-9	Cadmium	< 0.0001	U	mg/l	0.0025	0.0001	1	"	"	"	"	"	X
7440-47-3	Chromium	0.0138		mg/l	0.0050	0.0034	1	"	"	"	"	"	X
7439-92-1	Lead	< 0.0045	U	mg/l	0.0075	0.0045	1	"	"	"	"	"	X
7782-49-2	Selenium	< 0.0024	U	mg/l	0.0150	0.0024	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods													
7439-97-6	Mercury	< 0.00007	U	mg/l	0.00020	0.00007	1	EPA 245.1/7470A	25-Oct-11	26-Oct-11	EDT	1122213	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122266 - SW846 5035A Soil (low level)										
Blank (1122266-BLK1)					Prepared & Analyzed: 26-Oct-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.7	U	µg/kg wet	0.7						
Acetone	< 7.5	U	µg/kg wet	7.5						
Acrylonitrile	< 0.9	U	µg/kg wet	0.9						
Benzene	< 0.5	U	µg/kg wet	0.5						
Bromobenzene	< 0.6	U	µg/kg wet	0.6						
Bromochloromethane	< 0.3	U	µg/kg wet	0.3						
Bromodichloromethane	< 0.4	U	µg/kg wet	0.4						
Bromoform	< 0.7	U	µg/kg wet	0.7						
Bromomethane	< 1.8	U	µg/kg wet	1.8						
2-Butanone (MEK)	< 8.6	U	µg/kg wet	8.6						
n-Butylbenzene	< 0.5	U	µg/kg wet	0.5						
sec-Butylbenzene	< 1.0	U	µg/kg wet	1.0						
tert-Butylbenzene	< 0.7	U	µg/kg wet	0.7						
Carbon disulfide	< 1.4	U	µg/kg wet	1.4						
Carbon tetrachloride	< 1.0	U	µg/kg wet	1.0						
Chlorobenzene	< 0.6	U	µg/kg wet	0.6						
Chloroethane	< 1.4	U	µg/kg wet	1.4						
Chloroform	< 0.5	U	µg/kg wet	0.5						
Chloromethane	< 0.5	U	µg/kg wet	0.5						
2-Chlorotoluene	< 0.6	U	µg/kg wet	0.6						
4-Chlorotoluene	< 0.9	U	µg/kg wet	0.9						
1,2-Dibromo-3-chloropropane	< 1.9	U	µg/kg wet	1.9						
Dibromochloromethane	< 0.5	U	µg/kg wet	0.5						
1,2-Dibromoethane (EDB)	< 0.6	U	µg/kg wet	0.6						
Dibromomethane	< 1.0	U	µg/kg wet	1.0						
1,2-Dichlorobenzene	< 0.8	U	µg/kg wet	0.8						
1,3-Dichlorobenzene	< 1.0	U	µg/kg wet	1.0						
1,4-Dichlorobenzene	< 0.7	U	µg/kg wet	0.7						
Dichlorodifluoromethane (Freon12)	< 1.7	U	µg/kg wet	1.7						
1,1-Dichloroethane	< 0.9	U	µg/kg wet	0.9						
1,2-Dichloroethane	< 0.6	U	µg/kg wet	0.6						
1,1-Dichloroethene	< 0.5	U	µg/kg wet	0.5						
cis-1,2-Dichloroethene	< 0.4	U	µg/kg wet	0.4						
trans-1,2-Dichloroethene	< 0.8	U	µg/kg wet	0.8						
1,2-Dichloropropane	< 0.5	U	µg/kg wet	0.5						
1,3-Dichloropropane	< 0.5	U	µg/kg wet	0.5						
2,2-Dichloropropane	< 0.4	U	µg/kg wet	0.4						
1,1-Dichloropropene	< 0.6	U	µg/kg wet	0.6						
cis-1,3-Dichloropropene	< 0.5	U	µg/kg wet	0.5						
trans-1,3-Dichloropropene	< 0.3	U	µg/kg wet	0.3						
Ethylbenzene	< 0.6	U	µg/kg wet	0.6						
Hexachlorobutadiene	< 0.9	U	µg/kg wet	0.9						
2-Hexanone (MBK)	< 2.6	U	µg/kg wet	2.6						
Isopropylbenzene	< 0.5	U	µg/kg wet	0.5						
4-Isopropyltoluene	< 0.4	U	µg/kg wet	0.4						
Methyl tert-butyl ether	< 0.7	U	µg/kg wet	0.7						
4-Methyl-2-pentanone (MIBK)	< 3.3	U	µg/kg wet	3.3						
Methylene chloride	< 0.5	U	µg/kg wet	0.5						
Naphthalene	< 0.6	U	µg/kg wet	0.6						
n-Propylbenzene	< 0.6	U	µg/kg wet	0.6						
Styrene	< 0.7	U	µg/kg wet	0.7						
1,1,1,2-Tetrachloroethane	< 1.0	U	µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122266 - SW846 5035A Soil (low level)										
Blank (1122266-BLK1)					Prepared & Analyzed: 26-Oct-11					
1,1,2,2-Tetrachloroethane	< 0.8	U	µg/kg wet	0.8						
Tetrachloroethene	< 0.6	U	µg/kg wet	0.6						
Toluene	< 0.9	U	µg/kg wet	0.9						
1,2,3-Trichlorobenzene	< 0.9	U	µg/kg wet	0.9						
1,2,4-Trichlorobenzene	< 0.8	U	µg/kg wet	0.8						
1,3,5-Trichlorobenzene	< 0.7	U	µg/kg wet	0.7						
1,1,1-Trichloroethane	< 0.8	U	µg/kg wet	0.8						
1,1,2-Trichloroethane	< 0.9	U	µg/kg wet	0.9						
Trichloroethene	< 0.8	U	µg/kg wet	0.8						
Trichlorofluoromethane (Freon 11)	< 0.4	U	µg/kg wet	0.4						
1,2,3-Trichloropropane	< 0.5	U	µg/kg wet	0.5						
1,2,4-Trimethylbenzene	< 0.3	U	µg/kg wet	0.3						
1,3,5-Trimethylbenzene	< 1.0	U	µg/kg wet	1.0						
Vinyl chloride	< 0.9	U	µg/kg wet	0.9						
m,p-Xylene	< 1.9	U	µg/kg wet	1.9						
o-Xylene	< 0.7	U	µg/kg wet	0.7						
Tetrahydrofuran	< 1.8	U	µg/kg wet	1.8						
Ethyl ether	< 0.9	U	µg/kg wet	0.9						
Tert-amyl methyl ether	< 0.8	U	µg/kg wet	0.8						
Ethyl tert-butyl ether	< 0.3	U	µg/kg wet	0.3						
Di-isopropyl ether	< 0.3	U	µg/kg wet	0.3						
Tert-Butanol / butyl alcohol	< 5.7	U	µg/kg wet	5.7						
1,4-Dioxane	< 16.4	U	µg/kg wet	16.4						
trans-1,4-Dichloro-2-butene	< 2.6	U	µg/kg wet	2.6						
Ethanol	< 83.7	U	µg/kg wet	83.7						
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.3*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
LCS (1122266-BS1)					Prepared & Analyzed: 26-Oct-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	**19.5**		µg/kg wet		20.0		97	70-130		
Acetone	**26.3**		µg/kg wet		20.0		131	70-130		
Acrylonitrile	**24.0**		µg/kg wet		20.0		120	70-130		
Benzene	**19.9**		µg/kg wet		20.0		100	70-130		
Bromobenzene	**18.7**		µg/kg wet		20.0		94	70-130		
Bromochloromethane	**20.3**		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	**20.7**		µg/kg wet		20.0		104	70-130		
Bromoform	**19.0**		µg/kg wet		20.0		95	70-130		
Bromomethane	**20.0**		µg/kg wet		20.0		100	70-130		
2-Butanone (MEK)	**23.2**		µg/kg wet		20.0		116	70-130		
n-Butylbenzene	**21.4**		µg/kg wet		20.0		107	70-130		
sec-Butylbenzene	**19.7**		µg/kg wet		20.0		99	70-130		
tert-Butylbenzene	**19.6**		µg/kg wet		20.0		98	70-130		
Carbon disulfide	**18.2**		µg/kg wet		20.0		91	70-130		
Carbon tetrachloride	**19.1**		µg/kg wet		20.0		95	70-130		
Chlorobenzene	**18.8**		µg/kg wet		20.0		94	70-130		
Chloroethane	**20.9**		µg/kg wet		20.0		104	70-130		
Chloroform	**20.2**		µg/kg wet		20.0		101	70-130		
Chloromethane	**20.6**		µg/kg wet		20.0		103	70-130		
2-Chlorotoluene	**19.1**		µg/kg wet		20.0		95	70-130		
4-Chlorotoluene	**19.8**		µg/kg wet		20.0		99	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122266 - SW846 5035A Soil (low level)										
LCS (1122266-BS1)					Prepared & Analyzed: 26-Oct-11					
1,2-Dibromo-3-chloropropane	**22.6**		µg/kg wet		20.0		113	70-130		
Dibromochloromethane	**18.1**		µg/kg wet		20.0		90	70-130		
1,2-Dibromoethane (EDB)	**22.1**		µg/kg wet		20.0		111	70-130		
Dibromomethane	**21.0**		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	**20.0**		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	**19.0**		µg/kg wet		20.0		95	70-130		
1,4-Dichlorobenzene	**19.0**		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	**20.2**		µg/kg wet		20.0		101	70-130		
1,1-Dichloroethane	**20.7**		µg/kg wet		20.0		104	70-130		
1,2-Dichloroethane	**21.7**		µg/kg wet		20.0		109	70-130		
1,1-Dichloroethene	**20.0**		µg/kg wet		20.0		100	70-130		
cis-1,2-Dichloroethene	**19.9**		µg/kg wet		20.0		99	70-130		
trans-1,2-Dichloroethene	**19.6**		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	**20.4**		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	**21.6**		µg/kg wet		20.0		108	70-130		
2,2-Dichloropropane	**19.7**		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	**20.3**		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	**20.6**		µg/kg wet		20.0		103	70-130		
trans-1,3-Dichloropropene	**19.7**		µg/kg wet		20.0		98	70-130		
Ethylbenzene	**19.6**		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	**19.5**		µg/kg wet		20.0		97	70-130		
2-Hexanone (MBK)	**22.2**		µg/kg wet		20.0		111	70-130		
Isopropylbenzene	**19.6**		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	**20.4**		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	**22.0**		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	**22.9**		µg/kg wet		20.0		114	70-130		
Methylene chloride	**17.8**		µg/kg wet		20.0		89	70-130		
Naphthalene	**20.8**		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	**20.0**		µg/kg wet		20.0		100	70-130		
Styrene	**20.0**		µg/kg wet		20.0		100	70-130		
1,1,1,2-Tetrachloroethane	**19.6**		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	**21.5**		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	**19.0**		µg/kg wet		20.0		95	70-130		
Toluene	**19.5**		µg/kg wet		20.0		97	70-130		
1,2,3-Trichlorobenzene	**21.4**		µg/kg wet		20.0		107	70-130		
1,2,4-Trichlorobenzene	**21.0**		µg/kg wet		20.0		105	70-130		
1,3,5-Trichlorobenzene	**21.2**		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	**20.3**		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	**21.3**		µg/kg wet		20.0		107	70-130		
Trichloroethene	**19.3**		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	**20.4**		µg/kg wet		20.0		102	70-130		
1,2,3-Trichloropropane	**21.9**		µg/kg wet		20.0		109	70-130		
1,2,4-Trimethylbenzene	**20.0**		µg/kg wet		20.0		100	70-130		
1,3,5-Trimethylbenzene	**19.8**		µg/kg wet		20.0		99	70-130		
Vinyl chloride	**21.7**		µg/kg wet		20.0		109	70-130		
m,p-Xylene	**38.5**		µg/kg wet		40.0		96	70-130		
o-Xylene	**19.6**		µg/kg wet		20.0		98	70-130		
Tetrahydrofuran	**24.3**		µg/kg wet		20.0		121	70-130		
Ethyl ether	**22.1**		µg/kg wet		20.0		110	70-130		
Tert-amyl methyl ether	**21.4**		µg/kg wet		20.0		107	70-130		
Ethyl tert-butyl ether	**22.2**		µg/kg wet		20.0		111	70-130		
Di-isopropyl ether	**22.8**		µg/kg wet		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122266 - SW846 5035A Soil (low level)										
LCS (1122266-BS1)						Prepared & Analyzed: 26-Oct-11				
Tert-Butanol / butyl alcohol	**221**		µg/kg wet		200		110	70-130		
1,4-Dioxane	**227**		µg/kg wet		200		114	70-130		
trans-1,4-Dichloro-2-butene	**18.7**		µg/kg wet		20.0		94	70-130		
Ethanol	**491**		µg/kg wet		400		123	70-130		
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.8*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*51.7*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (1122266-BSD1)						Prepared & Analyzed: 26-Oct-11				
1,1,2-Trichlorotrifluoroethane (Freon 113)	**19.2**		µg/kg wet		20.0		96	70-130	1	25
Acetone	**22.0**		µg/kg wet		20.0		110	70-130	18	50
Acrylonitrile	**22.5**		µg/kg wet		20.0		113	70-130	6	25
Benzene	**19.3**		µg/kg wet		20.0		96	70-130	3	25
Bromobenzene	**18.4**		µg/kg wet		20.0		92	70-130	1	25
Bromochloromethane	**19.2**		µg/kg wet		20.0		96	70-130	5	25
Bromodichloromethane	**20.2**		µg/kg wet		20.0		101	70-130	2	25
Bromoform	**18.2**		µg/kg wet		20.0		91	70-130	4	25
Bromomethane	**18.9**		µg/kg wet		20.0		94	70-130	6	50
2-Butanone (MEK)	**21.9**		µg/kg wet		20.0		109	70-130	6	50
n-Butylbenzene	**20.9**		µg/kg wet		20.0		105	70-130	2	25
sec-Butylbenzene	**19.0**		µg/kg wet		20.0		95	70-130	4	25
tert-Butylbenzene	**19.0**		µg/kg wet		20.0		95	70-130	3	25
Carbon disulfide	**18.0**		µg/kg wet		20.0		90	70-130	1	25
Carbon tetrachloride	**18.5**		µg/kg wet		20.0		93	70-130	3	25
Chlorobenzene	**18.2**		µg/kg wet		20.0		91	70-130	3	25
Chloroethane	**20.4**		µg/kg wet		20.0		102	70-130	2	50
Chloroform	**19.3**		µg/kg wet		20.0		96	70-130	4	25
Chloromethane	**19.9**		µg/kg wet		20.0		100	70-130	3	25
2-Chlorotoluene	**18.4**		µg/kg wet		20.0		92	70-130	4	25
4-Chlorotoluene	**19.1**		µg/kg wet		20.0		95	70-130	4	25
1,2-Dibromo-3-chloropropane	**21.0**		µg/kg wet		20.0		105	70-130	7	25
Dibromochloromethane	**17.1**		µg/kg wet		20.0		85	70-130	6	50
1,2-Dibromoethane (EDB)	**21.1**		µg/kg wet		20.0		106	70-130	5	25
Dibromomethane	**19.6**		µg/kg wet		20.0		98	70-130	7	25
1,2-Dichlorobenzene	**19.5**		µg/kg wet		20.0		97	70-130	3	25
1,3-Dichlorobenzene	**18.1**		µg/kg wet		20.0		90	70-130	5	25
1,4-Dichlorobenzene	**18.6**		µg/kg wet		20.0		93	70-130	2	25
Dichlorodifluoromethane (Freon12)	**19.4**		µg/kg wet		20.0		97	70-130	4	50
1,1-Dichloroethane	**19.9**		µg/kg wet		20.0		99	70-130	4	25
1,2-Dichloroethane	**20.7**		µg/kg wet		20.0		103	70-130	5	25
1,1-Dichloroethene	**19.6**		µg/kg wet		20.0		98	70-130	2	25
cis-1,2-Dichloroethene	**19.0**		µg/kg wet		20.0		95	70-130	5	25
trans-1,2-Dichloroethene	**18.8**		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichloropropane	**19.8**		µg/kg wet		20.0		99	70-130	3	25
1,3-Dichloropropane	**20.4**		µg/kg wet		20.0		102	70-130	6	25
2,2-Dichloropropane	**19.5**		µg/kg wet		20.0		97	70-130	1	25
1,1-Dichloropropene	**20.1**		µg/kg wet		20.0		100	70-130	1	25
cis-1,3-Dichloropropene	**19.7**		µg/kg wet		20.0		99	70-130	4	25
trans-1,3-Dichloropropene	**18.6**		µg/kg wet		20.0		93	70-130	5	25
Ethylbenzene	**19.3**		µg/kg wet		20.0		96	70-130	2	25
Hexachlorobutadiene	**19.6**		µg/kg wet		20.0		98	70-130	0.7	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122266 - SW846 5035A Soil (low level)										
LCS Dup (1122266-BSD1)					Prepared & Analyzed: 26-Oct-11					
2-Hexanone (MBK)	**20.6**		µg/kg wet		20.0		103	70-130	8	25
Isopropylbenzene	**19.2**		µg/kg wet		20.0		96	70-130	2	25
4-Isopropyltoluene	**20.1**		µg/kg wet		20.0		101	70-130	1	25
Methyl tert-butyl ether	**20.8**		µg/kg wet		20.0		104	70-130	6	25
4-Methyl-2-pentanone (MIBK)	**22.2**		µg/kg wet		20.0		111	70-130	3	50
Methylene chloride	**17.0**		µg/kg wet		20.0		85	70-130	4	25
Naphthalene	**19.9**		µg/kg wet		20.0		100	70-130	4	25
n-Propylbenzene	**19.6**		µg/kg wet		20.0		98	70-130	2	25
Styrene	**19.3**		µg/kg wet		20.0		96	70-130	4	25
1,1,1,2-Tetrachloroethane	**19.2**		µg/kg wet		20.0		96	70-130	2	25
1,1,2,2-Tetrachloroethane	**20.2**		µg/kg wet		20.0		101	70-130	6	25
Tetrachloroethene	**18.8**		µg/kg wet		20.0		94	70-130	0.8	25
Toluene	**18.9**		µg/kg wet		20.0		95	70-130	3	25
1,2,3-Trichlorobenzene	**20.5**		µg/kg wet		20.0		102	70-130	4	25
1,2,4-Trichlorobenzene	**19.8**		µg/kg wet		20.0		99	70-130	6	25
1,3,5-Trichlorobenzene	**20.5**		µg/kg wet		20.0		102	70-130	3	25
1,1,1-Trichloroethane	**19.8**		µg/kg wet		20.0		99	70-130	2	25
1,1,2-Trichloroethane	**20.0**		µg/kg wet		20.0		100	70-130	7	25
Trichloroethene	**18.9**		µg/kg wet		20.0		94	70-130	2	25
Trichlorofluoromethane (Freon 11)	**20.0**		µg/kg wet		20.0		100	70-130	2	50
1,2,3-Trichloropropane	**20.3**		µg/kg wet		20.0		102	70-130	7	25
1,2,4-Trimethylbenzene	**19.4**		µg/kg wet		20.0		97	70-130	3	25
1,3,5-Trimethylbenzene	**19.4**		µg/kg wet		20.0		97	70-130	2	25
Vinyl chloride	**21.2**		µg/kg wet		20.0		106	70-130	3	25
m,p-Xylene	**37.6**		µg/kg wet		40.0		94	70-130	2	25
o-Xylene	**18.9**		µg/kg wet		20.0		94	70-130	4	25
Tetrahydrofuran	**21.8**		µg/kg wet		20.0		109	70-130	11	25
Ethyl ether	**21.4**		µg/kg wet		20.0		107	70-130	3	50
Tert-amyl methyl ether	**20.6**		µg/kg wet		20.0		103	70-130	4	25
Ethyl tert-butyl ether	**21.3**		µg/kg wet		20.0		106	70-130	4	25
Di-isopropyl ether	**21.8**		µg/kg wet		20.0		109	70-130	4	25
Tert-Butanol / butyl alcohol	**195**		µg/kg wet		200		98	70-130	12	25
1,4-Dioxane	**178**		µg/kg wet		200		89	70-130	24	25
trans-1,4-Dichloro-2-butene	**18.8**		µg/kg wet		20.0		94	70-130	0.5	25
Ethanol	**433**		µg/kg wet		400		108	70-130	12	30
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.1*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Batch 1122302 - SW846 5030 Water MS										
Blank (1122302-BLK1)					Prepared & Analyzed: 26-Oct-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.6	U	µg/l	0.6						
Acetone	< 2.6	U	µg/l	2.6						
Acrylonitrile	< 0.5	U	µg/l	0.5						
Benzene	< 0.7	U	µg/l	0.7						
Bromobenzene	< 0.7	U	µg/l	0.7						
Bromochloromethane	< 0.7	U	µg/l	0.7						
Bromodichloromethane	< 0.5	U	µg/l	0.5						
Bromoform	< 0.6	U	µg/l	0.6						
Bromomethane	< 1.1	U	µg/l	1.1						
2-Butanone (MEK)	< 1.7	U	µg/l	1.7						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122302 - SW846 5030 Water MS										
Blank (1122302-BLK1)					Prepared & Analyzed: 26-Oct-11					
n-Butylbenzene	< 0.6	U	µg/l	0.6						
sec-Butylbenzene	< 0.8	U	µg/l	0.8						
tert-Butylbenzene	< 0.7	U	µg/l	0.7						
Carbon disulfide	< 0.6	U	µg/l	0.6						
Carbon tetrachloride	< 0.5	U	µg/l	0.5						
Chlorobenzene	< 0.7	U	µg/l	0.7						
Chloroethane	< 1.0	U	µg/l	1.0						
Chloroform	< 0.7	U	µg/l	0.7						
Chloromethane	< 1.5	U	µg/l	1.5						
2-Chlorotoluene	< 0.8	U	µg/l	0.8						
4-Chlorotoluene	< 0.7	U	µg/l	0.7						
1,2-Dibromo-3-chloropropane	< 0.9	U	µg/l	0.9						
Dibromochloromethane	< 0.3	U	µg/l	0.3						
1,2-Dibromoethane (EDB)	< 0.3	U	µg/l	0.3						
Dibromomethane	< 0.7	U	µg/l	0.7						
1,2-Dichlorobenzene	< 0.7	U	µg/l	0.7						
1,3-Dichlorobenzene	< 0.7	U	µg/l	0.7						
1,4-Dichlorobenzene	< 0.6	U	µg/l	0.6						
Dichlorodifluoromethane (Freon12)	< 0.4	U	µg/l	0.4						
1,1-Dichloroethane	< 0.7	U	µg/l	0.7						
1,2-Dichloroethane	< 0.8	U	µg/l	0.8						
1,1-Dichloroethene	< 0.5	U	µg/l	0.5						
cis-1,2-Dichloroethene	< 0.7	U	µg/l	0.7						
trans-1,2-Dichloroethene	< 0.7	U	µg/l	0.7						
1,2-Dichloropropane	< 0.7	U	µg/l	0.7						
1,3-Dichloropropane	< 0.8	U	µg/l	0.8						
2,2-Dichloropropane	< 0.6	U	µg/l	0.6						
1,1-Dichloropropene	< 0.6	U	µg/l	0.6						
cis-1,3-Dichloropropene	< 0.3	U	µg/l	0.3						
trans-1,3-Dichloropropene	< 0.5	U	µg/l	0.5						
Ethylbenzene	< 0.7	U	µg/l	0.7						
Hexachlorobutadiene	< 0.4	U	µg/l	0.4						
2-Hexanone (MBK)	< 0.5	U	µg/l	0.5						
Isopropylbenzene	< 0.6	U	µg/l	0.6						
4-Isopropyltoluene	< 0.6	U	µg/l	0.6						
Methyl tert-butyl ether	< 0.7	U	µg/l	0.7						
4-Methyl-2-pentanone (MIBK)	< 0.9	U	µg/l	0.9						
Methylene chloride	< 0.7	U	µg/l	0.7						
Naphthalene	< 0.3	U	µg/l	0.3						
n-Propylbenzene	< 0.8	U	µg/l	0.8						
Styrene	< 0.6	U	µg/l	0.6						
1,1,1,2-Tetrachloroethane	< 0.6	U	µg/l	0.6						
1,1,2,2-Tetrachloroethane	< 0.3	U	µg/l	0.3						
Tetrachloroethene	< 0.7	U	µg/l	0.7						
Toluene	< 0.8	U	µg/l	0.8						
1,2,3-Trichlorobenzene	< 0.4	U	µg/l	0.4						
1,2,4-Trichlorobenzene	< 0.4	U	µg/l	0.4						
1,3,5-Trichlorobenzene	< 0.8	U	µg/l	0.8						
1,1,1-Trichloroethane	< 0.6	U	µg/l	0.6						
1,1,2-Trichloroethane	< 0.6	U	µg/l	0.6						
Trichloroethene	< 0.8	U	µg/l	0.8						
Trichlorofluoromethane (Freon 11)	< 0.6	U	µg/l	0.6						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122302 - SW846 5030 Water MS										
Blank (1122302-BLK1)					Prepared & Analyzed: 26-Oct-11					
1,2,3-Trichloropropane	< 0.7	U	µg/l	0.7						
1,2,4-Trimethylbenzene	< 0.8	U	µg/l	0.8						
1,3,5-Trimethylbenzene	< 0.7	U	µg/l	0.7						
Vinyl chloride	< 0.8	U	µg/l	0.8						
m,p-Xylene	< 1.6	U	µg/l	1.6						
o-Xylene	< 0.9	U	µg/l	0.9						
Tetrahydrofuran	< 1.4	U	µg/l	1.4						
Ethyl ether	< 0.7	U	µg/l	0.7						
Tert-amyl methyl ether	< 0.7	U	µg/l	0.7						
Ethyl tert-butyl ether	< 0.8	U	µg/l	0.8						
Di-isopropyl ether	< 0.7	U	µg/l	0.7						
Tert-Butanol / butyl alcohol	< 8.6	U	µg/l	8.6						
1,4-Dioxane	< 14.0	U	µg/l	14.0						
trans-1,4-Dichloro-2-butene	< 0.8	U	µg/l	0.8						
Ethanol	< 35.7	U	µg/l	35.7						
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*55.9*		µg/l		*50.0*		*112*	*70-130*		
LCS (1122302-BS1)					Prepared & Analyzed: 26-Oct-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	**17.6**		µg/l		20.0		88	70-130		
Acetone	**16.8**		µg/l		20.0		84	70-130		
Acrylonitrile	**16.3**		µg/l		20.0		81	70-130		
Benzene	**19.0**		µg/l		20.0		95	70-130		
Bromobenzene	**23.9**		µg/l		20.0		120	70-130		
Bromochloromethane	**23.0**		µg/l		20.0		115	70-130		
Bromodichloromethane	**22.8**		µg/l		20.0		114	70-130		
Bromoform	**28.0**	QC2	µg/l		20.0		140	70-130		
Bromomethane	**18.5**		µg/l		20.0		93	70-130		
2-Butanone (MEK)	**17.2**		µg/l		20.0		86	70-130		
n-Butylbenzene	**17.3**		µg/l		20.0		87	70-130		
sec-Butylbenzene	**21.7**		µg/l		20.0		108	70-130		
tert-Butylbenzene	**22.7**		µg/l		20.0		114	70-130		
Carbon disulfide	**17.7**		µg/l		20.0		89	70-130		
Carbon tetrachloride	**21.5**		µg/l		20.0		108	70-130		
Chlorobenzene	**22.1**		µg/l		20.0		110	70-130		
Chloroethane	**17.2**		µg/l		20.0		86	70-130		
Chloroform	**19.4**		µg/l		20.0		97	70-130		
Chloromethane	**16.7**		µg/l		20.0		84	70-130		
2-Chlorotoluene	**21.6**		µg/l		20.0		108	70-130		
4-Chlorotoluene	**20.6**		µg/l		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	**20.1**		µg/l		20.0		100	70-130		
Dibromochloromethane	**25.5**		µg/l		20.0		127	70-130		
1,2-Dibromoethane (EDB)	**22.1**		µg/l		20.0		110	70-130		
Dibromomethane	**22.1**		µg/l		20.0		110	70-130		
1,2-Dichlorobenzene	**19.8**		µg/l		20.0		99	70-130		
1,3-Dichlorobenzene	**24.7**		µg/l		20.0		123	70-130		
1,4-Dichlorobenzene	**19.4**		µg/l		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	**15.2**		µg/l		20.0		76	70-130		
1,1-Dichloroethane	**17.6**		µg/l		20.0		88	70-130		
1,2-Dichloroethane	**19.9**		µg/l		20.0		99	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122302 - SW846 5030 Water MS										
LCS (1122302-BS1)					Prepared & Analyzed: 26-Oct-11					
1,1-Dichloroethene	**17.1**		µg/l		20.0		86	70-130		
cis-1,2-Dichloroethene	**20.1**		µg/l		20.0		101	70-130		
trans-1,2-Dichloroethene	**17.4**		µg/l		20.0		87	70-130		
1,2-Dichloropropane	**19.1**		µg/l		20.0		96	70-130		
1,3-Dichloropropane	**20.0**		µg/l		20.0		100	70-130		
2,2-Dichloropropane	**18.0**		µg/l		20.0		90	70-130		
1,1-Dichloropropene	**19.3**		µg/l		20.0		96	70-130		
cis-1,3-Dichloropropene	**19.1**		µg/l		20.0		96	70-130		
trans-1,3-Dichloropropene	**19.6**		µg/l		20.0		98	70-130		
Ethylbenzene	**21.2**		µg/l		20.0		106	70-130		
Hexachlorobutadiene	**22.1**		µg/l		20.0		110	70-130		
2-Hexanone (MBK)	**18.3**		µg/l		20.0		92	70-130		
Isopropylbenzene	**21.4**		µg/l		20.0		107	70-130		
4-Isopropyltoluene	**18.7**		µg/l		20.0		93	70-130		
Methyl tert-butyl ether	**16.2**		µg/l		20.0		81	70-130		
4-Methyl-2-pentanone (MIBK)	**18.0**		µg/l		20.0		90	70-130		
Methylene chloride	**16.8**		µg/l		20.0		84	70-130		
Naphthalene	**19.5**		µg/l		20.0		97	70-130		
n-Propylbenzene	**20.9**		µg/l		20.0		105	70-130		
Styrene	**21.3**		µg/l		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	**22.3**		µg/l		20.0		112	70-130		
1,1,2,2-Tetrachloroethane	**23.0**		µg/l		20.0		115	70-130		
Tetrachloroethene	**23.8**		µg/l		20.0		119	70-130		
Toluene	**19.9**		µg/l		20.0		100	70-130		
1,2,3-Trichlorobenzene	**20.2**		µg/l		20.0		101	70-130		
1,2,4-Trichlorobenzene	**19.9**		µg/l		20.0		99	70-130		
1,3,5-Trichlorobenzene	**20.3**		µg/l		20.0		101	70-130		
1,1,1-Trichloroethane	**21.6**		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	**20.8**		µg/l		20.0		104	70-130		
Trichloroethene	**19.3**		µg/l		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	**18.4**		µg/l		20.0		92	70-130		
1,2,3-Trichloropropane	**21.2**		µg/l		20.0		106	70-130		
1,2,4-Trimethylbenzene	**22.1**		µg/l		20.0		111	70-130		
1,3,5-Trimethylbenzene	**21.9**		µg/l		20.0		110	70-130		
Vinyl chloride	**18.1**		µg/l		20.0		91	70-130		
m,p-Xylene	**43.5**		µg/l		40.0		109	70-130		
o-Xylene	**21.2**		µg/l		20.0		106	70-130		
Tetrahydrofuran	**17.3**		µg/l		20.0		86	70-130		
Ethyl ether	**16.4**		µg/l		20.0		82	70-130		
Tert-amyl methyl ether	**21.2**		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	**17.7**		µg/l		20.0		88	70-130		
Di-isopropyl ether	**17.9**		µg/l		20.0		90	70-130		
Tert-Butanol / butyl alcohol	**159**		µg/l		200		79	70-130		
1,4-Dioxane	**195**		µg/l		200		98	70-130		
trans-1,4-Dichloro-2-butene	**19.2**		µg/l		20.0		96	70-130		
Ethanol	**334**		µg/l		400		84	70-130		
Surrogate: 4-Bromofluorobenzene	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*55.2*		µg/l		*50.0*		*110*	*70-130*		
LCS Dup (1122302-BSD1)					Prepared & Analyzed: 26-Oct-11					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122302 - SW846 5030 Water MS										
LCS Dup (1122302-BSD1)					Prepared & Analyzed: 26-Oct-11					
1,1,2-Trichlorotrifluoroethane (Freon 113)	**17.2**		µg/l		20.0		86	70-130	3	25
Acetone	**16.1**		µg/l		20.0		80	70-130	4	50
Acrylonitrile	**16.0**		µg/l		20.0		80	70-130	1	25
Benzene	**18.6**		µg/l		20.0		93	70-130	2	25
Bromobenzene	**23.8**		µg/l		20.0		119	70-130	0.5	25
Bromochloromethane	**22.4**		µg/l		20.0		112	70-130	3	25
Bromodichloromethane	**21.7**		µg/l		20.0		108	70-130	5	25
Bromoform	**28.4**	QC2	µg/l		20.0		142	70-130	2	25
Bromomethane	**18.8**		µg/l		20.0		94	70-130	1	50
2-Butanone (MEK)	**17.4**		µg/l		20.0		87	70-130	1	50
n-Butylbenzene	**17.3**		µg/l		20.0		87	70-130	0	25
sec-Butylbenzene	**21.3**		µg/l		20.0		107	70-130	2	25
tert-Butylbenzene	**22.0**		µg/l		20.0		110	70-130	3	25
Carbon disulfide	**17.2**		µg/l		20.0		86	70-130	3	25
Carbon tetrachloride	**20.9**		µg/l		20.0		104	70-130	3	25
Chlorobenzene	**21.6**		µg/l		20.0		108	70-130	2	25
Chloroethane	**16.6**		µg/l		20.0		83	70-130	3	50
Chloroform	**19.3**		µg/l		20.0		96	70-130	0.4	25
Chloromethane	**16.2**		µg/l		20.0		81	70-130	3	25
2-Chlorotoluene	**20.7**		µg/l		20.0		104	70-130	4	25
4-Chlorotoluene	**20.6**		µg/l		20.0		103	70-130	0.3	25
1,2-Dibromo-3-chloropropane	**20.2**		µg/l		20.0		101	70-130	0.5	25
Dibromochloromethane	**25.5**		µg/l		20.0		127	70-130	0.1	50
1,2-Dibromoethane (EDB)	**22.0**		µg/l		20.0		110	70-130	0.5	25
Dibromomethane	**22.0**		µg/l		20.0		110	70-130	0.4	25
1,2-Dichlorobenzene	**20.0**		µg/l		20.0		100	70-130	0.8	25
1,3-Dichlorobenzene	**23.7**		µg/l		20.0		119	70-130	4	25
1,4-Dichlorobenzene	**19.0**		µg/l		20.0		95	70-130	2	25
Dichlorodifluoromethane (Freon12)	**14.9**		µg/l		20.0		75	70-130	2	50
1,1-Dichloroethane	**17.3**		µg/l		20.0		86	70-130	2	25
1,2-Dichloroethane	**20.1**		µg/l		20.0		101	70-130	1	25
1,1-Dichloroethene	**16.3**		µg/l		20.0		82	70-130	5	25
cis-1,2-Dichloroethene	**19.6**		µg/l		20.0		98	70-130	2	25
trans-1,2-Dichloroethene	**17.1**		µg/l		20.0		85	70-130	2	25
1,2-Dichloropropane	**18.8**		µg/l		20.0		94	70-130	1	25
1,3-Dichloropropane	**19.6**		µg/l		20.0		98	70-130	2	25
2,2-Dichloropropane	**17.1**		µg/l		20.0		86	70-130	5	25
1,1-Dichloropropene	**18.9**		µg/l		20.0		95	70-130	2	25
cis-1,3-Dichloropropene	**19.0**		µg/l		20.0		95	70-130	0.9	25
trans-1,3-Dichloropropene	**19.2**		µg/l		20.0		96	70-130	2	25
Ethylbenzene	**20.5**		µg/l		20.0		102	70-130	3	25
Hexachlorobutadiene	**21.4**		µg/l		20.0		107	70-130	3	50
2-Hexanone (MBK)	**18.5**		µg/l		20.0		93	70-130	1	25
Isopropylbenzene	**20.8**		µg/l		20.0		104	70-130	3	25
4-Isopropyltoluene	**18.6**		µg/l		20.0		93	70-130	0.6	25
Methyl tert-butyl ether	**16.1**		µg/l		20.0		81	70-130	0.7	25
4-Methyl-2-pentanone (MIBK)	**17.7**		µg/l		20.0		89	70-130	1	50
Methylene chloride	**16.3**		µg/l		20.0		82	70-130	3	25
Naphthalene	**19.7**		µg/l		20.0		99	70-130	1	25
n-Propylbenzene	**20.5**		µg/l		20.0		103	70-130	2	25
Styrene	**21.0**		µg/l		20.0		105	70-130	1	25
1,1,1,2-Tetrachloroethane	**21.9**		µg/l		20.0		110	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122302 - SW846 5030 Water MS										
LCS Dup (1122302-BSD1)					Prepared & Analyzed: 26-Oct-11					
1,1,2,2-Tetrachloroethane	**22.6**		µg/l		20.0		113	70-130	2	25
Tetrachloroethene	**23.0**		µg/l		20.0		115	70-130	3	25
Toluene	**19.2**		µg/l		20.0		96	70-130	4	25
1,2,3-Trichlorobenzene	**20.6**		µg/l		20.0		103	70-130	2	25
1,2,4-Trichlorobenzene	**20.4**		µg/l		20.0		102	70-130	3	25
1,3,5-Trichlorobenzene	**20.7**		µg/l		20.0		103	70-130	2	25
1,1,1-Trichloroethane	**21.0**		µg/l		20.0		105	70-130	3	25
1,1,2-Trichloroethane	**21.0**		µg/l		20.0		105	70-130	1	25
Trichloroethene	**18.7**		µg/l		20.0		94	70-130	3	25
Trichlorofluoromethane (Freon 11)	**17.7**		µg/l		20.0		88	70-130	4	50
1,2,3-Trichloropropane	**20.9**		µg/l		20.0		105	70-130	2	25
1,2,4-Trimethylbenzene	**21.1**		µg/l		20.0		106	70-130	5	25
1,3,5-Trimethylbenzene	**21.1**		µg/l		20.0		106	70-130	4	25
Vinyl chloride	**16.2**		µg/l		20.0		81	70-130	11	25
m,p-Xylene	**42.2**		µg/l		40.0		106	70-130	3	25
o-Xylene	**21.1**		µg/l		20.0		106	70-130	0.3	25
Tetrahydrofuran	**17.0**		µg/l		20.0		85	70-130	2	25
Ethyl ether	**16.2**		µg/l		20.0		81	70-130	1	50
Tert-amyl methyl ether	**20.5**		µg/l		20.0		103	70-130	3	25
Ethyl tert-butyl ether	**17.5**		µg/l		20.0		88	70-130	0.9	25
Di-isopropyl ether	**17.7**		µg/l		20.0		88	70-130	1	25
Tert-Butanol / butyl alcohol	**154**		µg/l		200		77	70-130	3	25
1,4-Dioxane	**181**		µg/l		200		90	70-130	8	25
trans-1,4-Dichloro-2-butene	**17.2**		µg/l		20.0		86	70-130	11	25
Ethanol	**326**		µg/l		400		81	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*54.5*		µg/l		*50.0*		*109*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122140 - SW846 3510C										
Blank (1122140-BLK1)					Prepared & Analyzed: 25-Oct-11					
Acenaphthene	< 0.810	U	µg/l	0.810						
Acenaphthylene	< 1.01	U	µg/l	1.01						
Anthracene	< 0.740	U	µg/l	0.740						
Benzo (a) anthracene	< 0.560	U	µg/l	0.560						
Benzo (a) pyrene	< 0.840	U	µg/l	0.840						
Benzo (b) fluoranthene	< 0.960	U	µg/l	0.960						
Benzo (g,h,i) perylene	< 1.45	U	µg/l	1.45						
Benzo (k) fluoranthene	< 1.52	U	µg/l	1.52						
Chrysene	< 0.660	U	µg/l	0.660						
Dibenzo (a,h) anthracene	< 1.31	U	µg/l	1.31						
Fluoranthene	< 2.14	U	µg/l	2.14						
Fluorene	< 0.910	U	µg/l	0.910						
Indeno (1,2,3-cd) pyrene	< 1.34	U	µg/l	1.34						
1-Methylnaphthalene	< 1.10	U	µg/l	1.10						
2-Methylnaphthalene	< 1.28	U	µg/l	1.28						
Naphthalene	< 0.750	U	µg/l	0.750						
Phenanthrene	< 0.600	U	µg/l	0.600						
Pyrene	< 2.47	U	µg/l	2.47						
Surrogate: 2-Fluorobiphenyl	*28.9*		µg/l		*50.0*		*58*	*30-130*		
Surrogate: Terphenyl-dl4	*29.1*		µg/l		*50.0*		*58*	*30-130*		
LCS (1122140-BS1)					Prepared & Analyzed: 25-Oct-11					
Acenaphthene	**32.5**		µg/l	0.810	50.0		65	40-140		
Acenaphthylene	**33.8**		µg/l	1.01	50.0		68	40-140		
Anthracene	**35.1**		µg/l	0.740	50.0		70	40-140		
Benzo (a) anthracene	**31.7**		µg/l	0.560	50.0		63	40-140		
Benzo (a) pyrene	**31.2**		µg/l	0.840	50.0		62	40-140		
Benzo (b) fluoranthene	**28.9**		µg/l	0.960	50.0		58	40-140		
Benzo (g,h,i) perylene	**20.3**		µg/l	1.45	50.0		41	40-140		
Benzo (k) fluoranthene	**37.0**		µg/l	1.52	50.0		74	40-140		
Chrysene	**32.7**		µg/l	0.660	50.0		65	40-140		
Dibenzo (a,h) anthracene	**23.3**		µg/l	1.31	50.0		47	40-140		
Fluoranthene	**32.7**		µg/l	2.14	50.0		65	40-140		
Fluorene	**33.7**		µg/l	0.910	50.0		67	40-140		
Indeno (1,2,3-cd) pyrene	**21.2**		µg/l	1.34	50.0		42	40-140		
1-Methylnaphthalene	**31.9**		µg/l	1.10	50.0		64	40-140		
2-Methylnaphthalene	**26.2**		µg/l	1.28	50.0		52	40-140		
Naphthalene	**27.1**		µg/l	0.750	50.0		54	40-140		
Phenanthrene	**31.9**		µg/l	0.600	50.0		64	40-140		
Pyrene	**33.2**		µg/l	2.47	50.0		66	40-140		
Surrogate: 2-Fluorobiphenyl	*30.2*		µg/l		*50.0*		*60*	*30-130*		
Surrogate: Terphenyl-dl4	*34.5*		µg/l		*50.0*		*69*	*30-130*		
LCS Dup (1122140-BSD1)					Prepared & Analyzed: 25-Oct-11					
Acenaphthene	**32.6**		µg/l	0.810	50.0		65	40-140	0.09	20
Acenaphthylene	**33.5**		µg/l	1.01	50.0		67	40-140	0.9	20
Anthracene	**34.6**		µg/l	0.740	50.0		69	40-140	2	20
Benzo (a) anthracene	**31.2**		µg/l	0.560	50.0		62	40-140	1	20
Benzo (a) pyrene	**30.7**		µg/l	0.840	50.0		61	40-140	2	20
Benzo (b) fluoranthene	**30.0**		µg/l	0.960	50.0		60	40-140	4	20
Benzo (g,h,i) perylene	**21.5**		µg/l	1.45	50.0		43	40-140	6	20
Benzo (k) fluoranthene	**33.8**		µg/l	1.52	50.0		68	40-140	9	20
Chrysene	**32.0**		µg/l	0.660	50.0		64	40-140	2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122140 - SW846 3510C										
LCS Dup (1122140-BSD1)					Prepared & Analyzed: 25-Oct-11					
Dibenzo (a,h) anthracene	**24.0**		µg/l	1.31	50.0		48	40-140	3	20
Fluoranthene	**32.4**		µg/l	2.14	50.0		65	40-140	0.8	20
Fluorene	**33.5**		µg/l	0.910	50.0		67	40-140	0.5	20
Indeno (1,2,3-cd) pyrene	**23.2**		µg/l	1.34	50.0		46	40-140	9	20
1-Methylnaphthalene	**31.8**		µg/l	1.10	50.0		64	40-140	0.4	20
2-Methylnaphthalene	**26.3**		µg/l	1.28	50.0		53	40-140	0.5	20
Naphthalene	**27.4**		µg/l	0.750	50.0		55	40-140	1	20
Phenanthrene	**31.4**		µg/l	0.600	50.0		63	40-140	2	20
Pyrene	**32.6**		µg/l	2.47	50.0		65	40-140	2	20
Surrogate: 2-Fluorobiphenyl	*30.1*		µg/l		*50.0*		*60*	*30-130*		
Surrogate: Terphenyl-dl4	*33.9*		µg/l		*50.0*		*68*	*30-130*		
Batch 1122244 - SW846 3545A										
Blank (1122244-BLK1)					Prepared & Analyzed: 26-Oct-11					
Acenaphthene	< 18.6	U	µg/kg wet	18.6						
Acenaphthylene	< 18.9	U	µg/kg wet	18.9						
Anthracene	< 19.4	U	µg/kg wet	19.4						
Benzo (a) anthracene	< 19.2	U	µg/kg wet	19.2						
Benzo (a) pyrene	< 21.8	U	µg/kg wet	21.8						
Benzo (b) fluoranthene	< 19.9	U	µg/kg wet	19.9						
Benzo (g,h,i) perylene	< 25.3	U	µg/kg wet	25.3						
Benzo (k) fluoranthene	< 29.2	U	µg/kg wet	29.2						
Chrysene	< 19.7	U	µg/kg wet	19.7						
Dibenzo (a,h) anthracene	< 22.8	U	µg/kg wet	22.8						
Fluoranthene	< 30.2	U	µg/kg wet	30.2						
Fluorene	< 21.0	U	µg/kg wet	21.0						
Indeno (1,2,3-cd) pyrene	< 30.5	U	µg/kg wet	30.5						
1-Methylnaphthalene	< 24.2	U	µg/kg wet	24.2						
2-Methylnaphthalene	< 19.5	U	µg/kg wet	19.5						
Naphthalene	< 16.7	U	µg/kg wet	16.7						
Phenanthrene	< 18.6	U	µg/kg wet	18.6						
Pyrene	< 33.2	U	µg/kg wet	33.2						
Surrogate: 2-Fluorobiphenyl	*823*		µg/kg wet		*1670*		*49*	*30-130*		
Surrogate: Terphenyl-dl4	*929*		µg/kg wet		*1670*		*56*	*30-130*		
LCS (1122244-BS1)					Prepared & Analyzed: 26-Oct-11					
Acenaphthene	**1050**		µg/kg wet	18.6	1670		63	40-140		
Acenaphthylene	**1040**		µg/kg wet	18.9	1670		62	40-140		
Anthracene	**1060**		µg/kg wet	19.4	1670		64	40-140		
Benzo (a) anthracene	**959**		µg/kg wet	19.2	1670		58	40-140		
Benzo (a) pyrene	**1020**		µg/kg wet	21.8	1670		61	40-140		
Benzo (b) fluoranthene	**924**		µg/kg wet	19.9	1670		55	40-140		
Benzo (g,h,i) perylene	**1000**		µg/kg wet	25.3	1670		60	40-140		
Benzo (k) fluoranthene	**1140**		µg/kg wet	29.2	1670		68	40-140		
Chrysene	**1060**		µg/kg wet	19.7	1670		63	40-140		
Dibenzo (a,h) anthracene	**1040**		µg/kg wet	22.8	1670		62	40-140		
Fluoranthene	**1010**		µg/kg wet	30.2	1670		61	40-140		
Fluorene	**1060**		µg/kg wet	21.0	1670		64	40-140		
Indeno (1,2,3-cd) pyrene	**964**		µg/kg wet	30.5	1670		58	40-140		
1-Methylnaphthalene	**996**		µg/kg wet	24.2	1670		60	40-140		
2-Methylnaphthalene	**914**		µg/kg wet	19.5	1670		55	40-140		
Naphthalene	**1010**		µg/kg wet	16.7	1670		61	40-140		
Phenanthrene	**1210**		µg/kg wet	18.6	1670		72	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122244 - SW846 3545A										
LCS (1122244-BS1)					Prepared & Analyzed: 26-Oct-11					
Pyrene	**1030**		µg/kg wet	33.2	1670		62	40-140		
Surrogate: 2-Fluorobiphenyl	*1120*		µg/kg wet		*1670*		*67*	*30-130*		
Surrogate: Terphenyl-dl4	*1080*		µg/kg wet		*1670*		*65*	*30-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122183 - SW846 3051										
Blank (1122183-BLK1)					Prepared & Analyzed: 25-Oct-11					
Lead	< 0.159	U	mg/kg wet	0.159						
Selenium	< 0.199	U	mg/kg wet	0.199						
Cadmium	< 0.0495	U	mg/kg wet	0.0495						
Arsenic	< 0.216	U	mg/kg wet	0.216						
Silver	< 0.207	U	mg/kg wet	0.207						
Chromium	< 0.327	U	mg/kg wet	0.327						
Barium	< 0.216	U	mg/kg wet	0.216						
Reference (1122183-SRM1)					Prepared & Analyzed: 25-Oct-11					
Selenium	**93.2**		mg/kg wet	0.222	104		90	76.7-122.8		
Lead	**61.2**		mg/kg wet	0.178	70.2		87	77.4-122.6		
Arsenic	**56.6**		mg/kg wet	0.241	63.5		89	78-122		
Silver	**24.4**		mg/kg wet	0.231	27.4		89	35.5-133.8		
Chromium	**48.5**		mg/kg wet	0.364	49.0		99	76.7-123		
Cadmium	**52.8**		mg/kg wet	0.0552	59.4		89	80.7-119		
Barium	**144**		mg/kg wet	0.242	162		89	79.7-120.3		
Reference (1122183-SRM2)					Prepared & Analyzed: 25-Oct-11					
Selenium	**94.0**		mg/kg wet	0.222	103		91	76.7-122.8		
Lead	**62.4**		mg/kg wet	0.178	69.7		90	77.4-122.6		
Chromium	**49.2**		mg/kg wet	0.364	48.6		101	76.7-123		
Arsenic	**56.6**		mg/kg wet	0.241	63.1		90	78-122		
Silver	**24.4**		mg/kg wet	0.231	27.2		90	35.5-133.8		
Cadmium	**54.4**		mg/kg wet	0.0552	59.0		92	80.7-119		
Barium	**143**		mg/kg wet	0.242	161		89	79.7-120.3		
Batch 1122184 - EPA200/SW7000 Series										
Blank (1122184-BLK1)					Prepared: 25-Oct-11 Analyzed: 26-Oct-11					
Mercury	< 0.0058	U	mg/kg wet	0.0058						
Reference (1122184-SRM1)					Prepared: 25-Oct-11 Analyzed: 26-Oct-11					
Mercury	**5.34**	QC2	mg/kg wet	0.0614	4.02		133	71.7-128.3		
Batch 1122211 - SW846 3005A										
Blank (1122211-BLK1)					Prepared & Analyzed: 25-Oct-11					
Lead	< 0.0045	U	mg/l	0.0045						
Selenium	< 0.0024	U	mg/l	0.0024						
Arsenic	< 0.0032	U	mg/l	0.0032						
Barium	< 0.0034	U	mg/l	0.0034						
Silver	< 0.0020	U	mg/l	0.0020						
Chromium	< 0.0034	U	mg/l	0.0034						
Cadmium	< 0.0001	U	mg/l	0.0001						
LCS (1122211-BS1)					Prepared & Analyzed: 25-Oct-11					
Selenium	**1.24**		mg/l	0.0024	1.25		99	85-115		
Lead	**1.31**		mg/l	0.0045	1.25		105	85-115		
Silver	**1.23**		mg/l	0.0020	1.25		99	85-115		
Cadmium	**1.30**		mg/l	0.0001	1.25		104	85-115		
Chromium	**1.26**		mg/l	0.0034	1.25		101	85-115		
Arsenic	**1.24**		mg/l	0.0032	1.25		99	85-115		
Barium	**1.28**		mg/l	0.0034	1.25		103	85-115		
LCS Dup (1122211-BSD1)					Prepared & Analyzed: 25-Oct-11					
Lead	**1.26**		mg/l	0.0045	1.25		100	85-115	4	20
Selenium	**1.21**		mg/l	0.0024	1.25		97	85-115	3	20
Silver	**1.13**		mg/l	0.0020	1.25		90	85-115	9	20
Arsenic	**1.19**		mg/l	0.0032	1.25		95	85-115	4	20
Barium	**1.26**		mg/l	0.0034	1.25		101	85-115	2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122211 - SW846 3005A										
LCS Dup (1122211-BSD1)					Prepared & Analyzed: 25-Oct-11					
Chromium	**1.25**		mg/l	0.0034	1.25		100	85-115	2	20
Cadmium	**1.24**		mg/l	0.0001	1.25		99	85-115	5	20
Duplicate (1122211-DUP1)			Source: SB38052-03		Prepared & Analyzed: 25-Oct-11					
Lead	< 0.0045	U	mg/l	0.0045		BRL				20
Selenium	< 0.0024	U	mg/l	0.0024		BRL				20
Silver	< 0.0020	U	mg/l	0.0020		BRL				20
Arsenic	**0.0092**		mg/l	0.0032		0.0107			16	20
Barium	**0.508**		mg/l	0.0034		0.540			6	20
Cadmium	**0.0005**	QR8, J	mg/l	0.0001		0.0008			41	20
Chromium	< 0.0034	U	mg/l	0.0034		BRL				20
Matrix Spike (1122211-MS1)			Source: SB38052-05		Prepared & Analyzed: 25-Oct-11					
Selenium	**1.32**		mg/l	0.0024	1.25	BRL	105	75-125		
Lead	**1.19**		mg/l	0.0045	1.25	BRL	95	75-125		
Cadmium	**1.22**		mg/l	0.0001	1.25	BRL	97	75-125		
Barium	**1.45**		mg/l	0.0034	1.25	0.181	101	75-125		
Arsenic	**1.33**		mg/l	0.0032	1.25	BRL	106	75-125		
Silver	**1.30**		mg/l	0.0020	1.25	BRL	104	75-125		
Chromium	**1.20**		mg/l	0.0034	1.25	0.0138	95	75-125		
Matrix Spike Dup (1122211-MSD1)			Source: SB38052-05		Prepared & Analyzed: 25-Oct-11					
Selenium	**1.25**		mg/l	0.0024	1.25	BRL	100	75-125	6	20
Lead	**1.13**		mg/l	0.0045	1.25	BRL	90	75-125	5	20
Barium	**1.36**		mg/l	0.0034	1.25	0.181	94	75-125	7	20
Cadmium	**1.16**		mg/l	0.0001	1.25	BRL	93	75-125	5	20
Arsenic	**1.26**		mg/l	0.0032	1.25	BRL	101	75-125	5	20
Silver	**1.24**		mg/l	0.0020	1.25	BRL	99	75-125	5	20
Chromium	**1.12**		mg/l	0.0034	1.25	0.0138	89	75-125	7	20
Post Spike (1122211-PS1)			Source: SB38052-05		Prepared & Analyzed: 25-Oct-11					
Selenium	**1.26**		mg/l	0.0024	1.25	BRL	101	80-120		
Lead	**1.14**		mg/l	0.0045	1.25	BRL	92	80-120		
Chromium	**1.15**		mg/l	0.0034	1.25	0.0138	91	80-120		
Cadmium	**1.18**		mg/l	0.0001	1.25	BRL	94	80-120		
Barium	**1.38**		mg/l	0.0034	1.25	0.181	96	80-120		
Arsenic	**1.28**		mg/l	0.0032	1.25	BRL	102	80-120		
Silver	**1.24**		mg/l	0.0020	1.25	BRL	99	80-120		
Batch 1122350 - EPA200/SW7000 Series										
Blank (1122350-BLK1)					Prepared & Analyzed: 26-Oct-11					
Mercury	< 0.0058	U	mg/kg wet	0.0058						
Duplicate (1122350-DUP1)			Source: SB38052-04		Prepared & Analyzed: 26-Oct-11					
Mercury	**0.0758**		mg/kg dry	0.0062		0.0849			11	20
Matrix Spike (1122350-MS1)			Source: SB38052-04		Prepared & Analyzed: 26-Oct-11					
Mercury	**0.566**		mg/kg dry	0.0315	0.428	0.0849	112	75-125		
Matrix Spike Dup (1122350-MSD1)			Source: SB38052-04		Prepared & Analyzed: 26-Oct-11					
Mercury	**0.578**		mg/kg dry	0.0311	0.422	0.0849	117	75-125	2	20
Post Spike (1122350-PS1)			Source: SB38052-04		Prepared & Analyzed: 26-Oct-11					
Mercury	**0.546**		mg/kg dry	0.0288	0.390	0.0849	118	80-120		
Reference (1122350-SRM1)					Prepared & Analyzed: 26-Oct-11					
Mercury	**4.81**		mg/kg wet	0.0614	3.96		121	71.7-128.3		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1122213 - EPA200/SW7000 Series										
Blank (1122213-BLK1)					Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	**0.00007**	J	mg/l	0.00007						
LCS (1122213-BS1)					Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	**0.00476**		mg/l	0.00007	0.00500		95	85-115		
Duplicate (1122213-DUP1)			**Source: SB38052-03**		Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	< 0.00007	U	mg/l	0.00007		BRL				20
Matrix Spike (1122213-MS1)			**Source: SB38052-05**		Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	**0.00493**		mg/l	0.00007	0.00500	BRL	99	80-120		
Matrix Spike Dup (1122213-MSD1)			**Source: SB38052-05**		Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	**0.00499**		mg/l	0.00007	0.00500	BRL	100	80-120	1	20
Post Spike (1122213-PS1)			**Source: SB38052-05**		Prepared: 25-Oct-11	Analyzed: 26-Oct-11				
Mercury	**0.00523**		mg/l	0.00007	0.00500	BRL	105	85-115		

Notes and Definitions

J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
O01	This compound is a common laboratory contaminant.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
U	Analyte included in the analysis, but not detected
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Nicole Leja

SB 38052 [illegible]

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 10/26/11
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Donald Moore
Stantec
5 Dartmouth Drive, Suite 101
Auburn, NH 03030
Telephone #:
Project Mgr. Donald Moore

Invoice To: Same
P.O. No.: RQN:

Project No.: 191710847.200
Site Name: A+P Inwood
Location: NY State: NY
Sampler(s): D. Chapman / Stantec

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= 10= 11=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Distilled H_2O X2= X3=

G=Grab C=Composite

List preservative code below: 2 4

QA/QC Reporting Notes: (check as needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other

State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260 B	PAH 8270C	RCRA METALS	
38052-01	Trip Blank	10/24/11		G	X1	2				X	~~X~~ DVC	~~X~~ DVC	
02	B-104 (8-10)	10/24/11	1525	G	So	0	X			~~X~~	~~X~~	~~X~~	← Run
03	B-104	10/24/11	1530	G	GW	3	1		1	X	X	X	
04	B-105 (8-10)	10/24/11	1220	G	So	0	1			X	X	X	
05	B-105	10/24/11	1230	G	GW	3	X		1	X	~~X~~	X	

Jar received broken but we were able to salvage Soil Per client request
Jar received Broken.

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	Via FedEx	10/24/11	1830	
FedX	[signature]	10/25/11	1012	1.9

☒ EDD Format excel
☒ E-mail to donald.moore@stantec.com

☐ Ambient ☒ Iced ☐ Refrigerated ☐ Fridge temp ___°C ☐ Freezer temp ___°C

FedEx Express **NEW** Package US Airbill

FedEx Tracking Number 8987 0386 8957

Form ID No. 0200

Recipient's Copy

1 From

Date 10/24/11

Sender's Name David Chapman Phone ~~207~~ 603 861-4483

Company Stantec

Address 5 Dartmouth Drive Suite 101

Dept./Floor/Suite/Room

City Auburn State NH ZIP 03032

2 Your Internal Billing Reference

3 To

Recipient's Name Phone 413 787.9018

Company Spectrum Analytical

Address 11 Almgren Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Agawam State MA ZIP 01001

HOLD Weekday FedEx location address REQUIRED. **NOT available for** FedEx First Overnight. ☐

HOLD Saturday FedEx location address REQUIRED. **Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations. ☐

8987 0386 8957

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ **NEW** FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — **NOT available for** FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. ***Fee applies.***

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. ***Fee applies.***

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender — Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Obtain recip. Acct. No. ☐

Total Packages 1 Total Weight _____ lbs. Total Declared Value† $ _____ .00 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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APPENDIX B

Soil Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-11	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**7/23/18-7/23/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		ASPHALT.			1.2	
1		CONCRETE, BRICK, and medium SAND (fill); moist.		G		Soil sample MR-11/0.25-0.75 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
2						12" recovery.
3		Brown to black, medium to fine SAND, GRAVEL, BRICK, TILE (fill); moist.			4.0	Slight odor observed.
4						
5						
		Brown to black, medium to fine SAND, GRAVEL, BRICK, TILE (fill); moist.			6.7	12" recovery.
6						Soil sample MR-11/5-6.5 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
7		Brown, medium to fine SAND, some Gravel, some Brick, some Tile (fill); moist.				
		Dark to light brown, medium to fine SAND and GRAVEL; moist.			2.3	18" recovery.
8						
9		Brown, medium SAND, some Gravel, trace silt; wet.			2.9	12" recovery.
10						
11		Brown to dark brown, medium to coarse SAND, some Gravel, trace silt, trace crushed stone, trace brick; wet.			1.7	
12						
13					2.2	End of boring 13' bls.

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Islandia, NY 11749
Telephone: (631) 232-2600
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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-12	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 9/Building Basement**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**7/24/18-7/24/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1		CONCRETE.			
		Brown to grey, SILT, some coarse Sand, little organics (fill); wet.		41.5	Slight odor observed.
2					Soil sample MR-12/1.25-3 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
3		Brown to grey, SILT, some coarse Sand, little organics; wet.		8.6	Staining and odor observed. Soil sample MR-12/3-4 collected for SVOCs and VOCs. 6" recovery.
4		Brown to dark brown, SILT and fine SAND, some Gravel; moist.		2.2	
5		Reddish brown, fine SAND and SILT, some Gravel; moist.		5.6	Slight odor observed 5-9. 8" recovery.
6		Red to brown, SILT; wet.		10.2	8" recovery. Water sample MR-12 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
7		Brown, medium to fine SAND and GRAVEL, trace silt; wet.		2.3	12" recovery.
8		Grey, SILT; wet.		7.5	12" recovery. Slight odor. Very compact.
9					End of boring 9' bls.

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Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-14	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 9/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**7/30/18-7/30/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		SUB-BASE.		G	
1		Dark brown to black, medium to fine SAND, some Brick, some Glass, some Asphalt, some Crushed Stone (fill); dry.		4.5	15" recovery. Soil sample MR-14/1-1.5 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
2					
3		Brown to dark brown, medium to fine SAND, some Brick, some Glass, some Crushed Stone (fill); moist.		1.0	18" recovery.
4					
5		Dark brown, medium to fine SAND, some Brick, some Crushed Stone, little Asphalt (fill); dry.		6.6	6" recovery. Soil sample MR-14/5-6 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
6		Brown to white, medium to fine SAND, some Gravel; dry.		5.5	12" recovery.
7		Brown to white, coarse to fine SAND, some Gravel, little Silt; moist.		3.5	24" recovery. Water sample MR-14 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
8					
9		Brown, medium to fine SAND, little Gravel, trace silt; wet.		1.5	
10					
11					End of boring at 11' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-4	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 9/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**7/24/18-7/24/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		ASPHALT.				
		SUB-BASE and STONE.				
1		Grey, medium SAND, some Brick, some Glass, some Tile (fill); dry.		G	0.0	Soil sample MR-4/1-1.5 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
2		Brown to dark brown, medium to fine SAND, some Brick, some Gravel, some Tile (fill); dry.			0.0	
3		Brown to dark brown, medium to fine SAND, some Brick, some Tile, some Gravel (fill); dry.			10.2	
4						
5		Dark brown, BRICK and GRAVEL (fill).			1.2	
6		Dark brown, medium SAND, some Brick, some Crushed Stone, some Glass (fill); dry.			2.7	
7					1.5	
8		Brown to dark brown, medium to fine SAND, little Gravel, trace silt; moist.			3.3	
9		Dark brown, SAND; moist.			2.1	
10		Brown, coarse to fine SAND, some Gravel; wet.			11.1	Soil sample MR-4/9.5-11 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
11						End of boring at 11' bls.

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Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-7	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 9/Building First Floor**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**8/1/18-8/2/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			
		Dark brown, medium to fine SAND, some Gravel, some Brick (fill); dry.			18" recovery.
1				0.2	Soil sample MR-7/0.5-2.5 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
2					
		Brown to dark brown, medium to fine SAND, some Gravel (fill); dry.			18" recovery.
3				0.1	
4					
		Brown to white, medium to fine SAND, some Gravel; dry.			12" recovery.
5				0.1	
6					
		CORED ROCK.			
7					
		Brown to white, SAND and COBBLE; moist.			6" recovery.
8					
9					
		Brown to grey to white, SAND and COBBLE; wet.			6" recovery.
10					
11					End of boring 11' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
MR-9	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**L. Curnutte**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Eric P		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**3-inches**	**Mobile Drill B-53 / Geoprobe**	**3" Split Spoon**	**7/26/18-7/26/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		ASPHALT, SUB-BASE and STONE.		G	Soil sample MR-9/1-1.5 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
1		Brown to black, medium SAND, some Crushed Stone, some Glass, some Brick, some Organics (fill); dry.		8.0	
		No lithology recorded.			No recovery.
2		White, GRAVEL.			
		Brown to dark brown, medium to fine SAND, some Crushed Stone, some Brick (fill).			10" recovery.
3				10.3	
4		Dark brown, fine SAND, some Gravel, some White Stone (fill).		4.3	18" recovery.
5					
6		Black, SAND, some Brick, some Stone (fill).		5.5	
		Brown to light brown, coarse to fine SAND, some Gravel.			12" recovery.
7				1.0	
8		Brown to white, coarse to fine SAND, some Gravel, trace silt; moist.		12.3	8" recovery. Soil sample MR-9/8-9 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide.
9		Brown to white, coarse to fine SAND, some Gravel, some Silt; wet.		1.0	Water sample MR-9 collected for VOCs, SVOCs, TAL metals, PCBs, pesticides, herbicides, and cyanide. End of boring 10' bls.
10					

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-1	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Cyril & Eddie		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/26/18-9/26/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			25" recovery. Odor observed. Soil sample RX-1/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
		Brown, medium to fine SAND and SILT, trace gravel, trace broken concrete; dry.		15000	
		Dark brown, fine SAND and SILT, some Broken Concrete (fill); dry.		15000	35" recovery. Odor observed.
5					Soil sample RX-1/5.0-7.0 collected for VOCs.
		Dark brown, fine SAND and SILT, some broken concrete (fill); moist.		671	48" recovery. Soil sample RX-1/8.0-10.0 collected for VOCs, SVOCs, and TAL metals. Odor observed.
		Dark grey to black, fine SAND and SILT, trace gravel; wet.			
10				15000	Odor observed.
		Dark brown, SILT, trace fine sand; wet.		124	Slight odor observed.
		Dark brown, fine SAND and SILT; wet.		2306	48" recovery.
					Slight odor observed.
		Light brown, fine SAND and SILT, some medium SAND; wet.		201.4	Soil sample RX-1/13.5-15.5 collected for VOCs and SVOCs.
15					
		Dark brown, SILT and PEAT; wet.			End of boring 16' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-10	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/Building Basement**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**/ Hand Auger**	**2" Macro-Core**	**10/1/18-10/1/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		CONCRETE.				
1		Dark brown, fine SAND and SILT, trace gravel; wet.				Soil sample RX-10/1.0-3.0 collected for VOCs, SVOCs, and TAL metals. No odor.
					0.0	
				G		
2						
						End of boring at 3' bls.
3						

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-12	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/Building First Floor**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**/ Hand Auger**	**2" Macro-Core**	**10/1/18-10/1/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		CONCRETE.				
1		Brown, fine SAND, SILT, and GRAVEL; dry.				
2				G		Soil sample RX-12/2.5-4.0 collected for VOCs, SVOCs, PCBs and TAL metals. No odor.
3						End of boring 4' bls.
4						

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-2	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Cyril & Eddie		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/26/18-9/26/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		Dark brown, fine SAND and SILT, some Gravel and Broken Concrete (fill); dry.		G 3806	26" recovery. Soil sample RX-2/0.5-2.5 collected for VOCs, SVOCs, and TAL metals. Odor observed.
5		Brown to dark brown, fine SAND and SILT, trace gravel (fill); dry.		14445	42" recovery. Odor observed.
		White, BROKEN CONCRETE (fill); dry.			
		White, BROKEN CONCRETE, trace gravel (fill); dry.		0.0	40" recovery. Water sample RX-2 collected for VOCs, SVOCs, and TAL metals.
10		Brown, fine SAND and SILT, trace gravel; wet.		15000	Odor observed. Soil sample RX-2/10.0-12.0 collected for VOCs, SVOCs, and TAL metals.
15		Brown, fine SAND and SILT, trace gravel; wet.		1902	48" recovery. Odor observed.
		Dark brown, SILT and CLAY, some Peat; wet.		25.1	End of boring 16' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-3	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Cyril & JR		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/27/18-9/27/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		ASPHALT.			0.3	
		Brown, fine SAND and SILT, some Gravel; dry.		G		30" recovery.
						Soil sample RX-3/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
		Dark brown, fine SAND and SILT, some Gravel, some Broken Concrete (fill); dry.			32.3	36" recovery.
5						5
		Brown to dark brown, fine to medium SAND, trace gravel; moist.			258.5	33" recovery. Slight odor observed.
		Brown to dark brown, fine to medium SAND, trace gravel; wet.				Soil sample RX-3/8.0-10.0 collected for VOCs, SVOCs, and TAL metals.
10						10
		Brown to light brown, fine to medium SAND, trace gravel; wet.			40.1	48" recovery. Slight odor observed.
15						15
		Dark brown, SILT and CLAY, some Peat; wet.				End of boring 16' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-4	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/28/18-9/28/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		ASPHALT.		G	246.1	
		Dark brown, fine SAND and SILT, some Gravel and Crushed Concrete (fill); dry.				30" recovery. Odor observed. Soil sample RX-4/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
5		Brown, fine SAND and SILT, some Gravel and Crushed Concrete (fill); dry.			23.2	25" recovery.
		Brown to light brown, fine SAND and SILT, some Gravel; wet.			1.4	22" recovery. Soil sample RX-4 collected for VOCs, SVOCs, and TAL metals.
10						Soil sample RX-4/9.5-11.5 collected for VOCs, SVOCs, and TAL metals.
		Brown, fine SAND and SILT, trace gravel; wet.			0.4	48" recovery.
15						
		Dark brown SILT, some Peat.				End of boring 16' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-5	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Cyril & Eddie		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/27/18-9/27/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		ASPHALT.			0.2	30" recovery. Soil sample RX-6/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
		Brown, fine SAND and SILT, some Gravel and Broken Concrete (fill); dry.		G		
1						1
2						2
3						3
4						4
		Dark brown to black, fine SAND and SILT, some Gravel and Broken Concrete (fill); dry.			0.0	40" recovery.
5						5
		Brown to light brown, medium to fine SAND, trace gravel; dry.				Soil sample RX-5/5.0-7.0 collected for VOCs, SVOCs, and TAL metals.
6					0.0	6
7						Hit refusal, end of boring 7' bls. 7

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-6	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/ Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/28/18-9/28/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.		0.0	
		Brown to light brown, fine SAND and SILT and GRAVEL; dry.			33" recovery. Soil sample RX-6/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
5		Brown, fine SAND and SILT, trace gravel; dry.		0.0	36" recovery.
		Brown to white, fine SAND and SILT, some coarse Sand, trace gravel; wet.		0.0	40" recovery. Water sample RX-6 collected for VOCs, SVOCs, and TAL metals.
10					Soil sample RX-6/9.0-11.0 collected for VOCs, SVOCs, and TAL metals.
		Brown, fine SAND and SILT, trace gravel; wet.		0.6	
15					soil sample RX-6/14.0-16.0 collected for VOCs and SVOCs.
					End of boring 16' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-7	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/28/18-9/28/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.		2.9	
		Brown, fine SAND and SILT, some Gravel and Crushed Concrete (fill); dry.			Soil sample RX-7/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
1					
2					
3					
4		Brown, fine SAND and SILT and GRAVEL, some Crushed Concrete (fill); dry.		0.0	
5					
6					Hit refusal, end of boring 6' bls.

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-8	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / Cyril & Eddie		**Lot 21/Parking Lot**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**Earthprobe200 / Direct Push**	**2" Macro-Core**	**9/27/18-9/27/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		Brown, fine SAND and SILT, some Gravel, some concrete (fill); dry.		0.9	30" recovery. Soil sample RX-8/0.5-2.5 collected for VOCs, SVOCs, and TAL metals.
1					
2					
3					
4					
		Brown, fine SAND and SILT, some Gravel, some Crushed Concrete (fill); dry.		0.0	28" recovery.
5					
6					
7					
8					
		Light brown, medium to fine SAND, trace gravel; wet.		0.5	22" recovery. Soil sample RX-8/8.0-10.0 collected for VOCs, SVOCs, and TAL metals.
9					
10					Hit refusal, end of boring 10' bls.

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Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
RX-9	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2477.0008Y000 / 410 West 207th Acquisition LLC		**410 W 207th St, NY, NY**		
APPROVED BY	LOGGED BY	**New York, NY**		
J. Taylor	**M. Smith**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Warren George / JR		**Lot 9/Building Basement**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. /	**2-inches**	**/ Hand Auger**	**2" Macro-Core**	**10/1/18-10/1/18**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"		PID Values (ppm)	REMARKS
		CONCRETE.				
1		Brown, fine SAND and SILT, trace gravel; dry.			0.0	Soil sample RX-9/1.0-2.5 collected for VOCs, SVOCs, PCBs and TAL metals.
2				G		
		Brown, fine SAND and SILT, trace gravel; wet.			0.4	
3						End of boring 3.5' bls.

APPENDIX C

Laboratory Analytical Reports

ANALYTICAL REPORT

Job Number: 200-44645-1

SDG Number: 200-44645-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Mr. Ronald Lombino

Approved for release.
Lori T Arnold
Manager of Project Management
8/9/2018 3:05 PM

Designee for
Kathryn A Kelly, Project Manager II
30 Community Drive, South Burlington, VT, 05403
(802)923-1021
kathryn.kelly@testamericainc.com
08/09/2018

cc: Mr. Levi Curnutte
Ms. Jessica Taylor

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 200-44645-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/03/2018; the samples arrived in good condition, except for sample, V-1.

During the canister pressure check performed upon receipt, it was observed that the sample, V-1 was received at an elevated residual vacuum of 28.6”hg. The associated flow controller was evaluated upon receipt and was found to be completely clogged with water. There was insufficient volume of sample in the canister for the laboratory to perform an analysis on this sample.

During the canister pressure check performed upon receipt, it was observed that the sample, V-2 was received at an elevated residual vacuum of -12.0. The associated flow controller was evaluated upon receipt and was found to be within the acceptable flow range as compared to the original set flow rate.

VOLATILE ORGANIC COMPOUNDS

Samples V-2, V-3, V-4 and V-5 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 08/06/2018 and 08/07/2018.

The continuing calibration verification (CCV) associated with batch 200-132552 recovered above the upper control limit for n-Butylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Samples V-2[17.8X], V-3[11484X], V-4[2.99X] and V-5[14X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 200-44645-1
SDG: 200-44645-1

Client Sample ID: V-2 — Lab Sample ID: 200-44645-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	53		8.9	5.5	ppb v/v	17.8		TO-15	Total/NA
Carbon disulfide	5.8	J	8.9	2.1	ppb v/v	17.8		TO-15	Total/NA
n-Hexane	25		3.6	2.8	ppb v/v	17.8		TO-15	Total/NA
Methyl Ethyl Ketone	7.0	J	8.9	3.6	ppb v/v	17.8		TO-15	Total/NA
Chloroform	6.1		3.6	0.93	ppb v/v	17.8		TO-15	Total/NA
Cyclohexane	8.3		3.6	1.1	ppb v/v	17.8		TO-15	Total/NA
2,2,4-Trimethylpentane	560		3.6	1.6	ppb v/v	17.8		TO-15	Total/NA
Benzene	7.1		3.6	1.3	ppb v/v	17.8		TO-15	Total/NA
n-Heptane	25		3.6	2.5	ppb v/v	17.8		TO-15	Total/NA
Toluene	430		3.6	1.2	ppb v/v	17.8		TO-15	Total/NA
Tetrachloroethene	6.9		3.6	0.52	ppb v/v	17.8		TO-15	Total/NA
Ethylbenzene	2.4	J	3.6	1.3	ppb v/v	17.8		TO-15	Total/NA
m,p-Xylene	5.0	J	8.9	1.2	ppb v/v	17.8		TO-15	Total/NA
Xylene, o-	2.0	J	3.6	1.3	ppb v/v	17.8		TO-15	Total/NA
Xylene (total)	7.0	J	12	2.5	ppb v/v	17.8		TO-15	Total/NA
Cumene	3.0	J	3.6	1.1	ppb v/v	17.8		TO-15	Total/NA
n-Propylbenzene	2.8	J	3.6	1.2	ppb v/v	17.8		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	130		21	13	ug/m3	17.8		TO-15	Total/NA
Carbon disulfide	18	J	28	6.7	ug/m3	17.8		TO-15	Total/NA
n-Hexane	87		13	10	ug/m3	17.8		TO-15	Total/NA
Methyl Ethyl Ketone	21	J	26	10	ug/m3	17.8		TO-15	Total/NA
Chloroform	30		17	4.5	ug/m3	17.8		TO-15	Total/NA
Cyclohexane	29		12	3.9	ug/m3	17.8		TO-15	Total/NA
2,2,4-Trimethylpentane	2600		17	7.3	ug/m3	17.8		TO-15	Total/NA
Benzene	23		11	4.0	ug/m3	17.8		TO-15	Total/NA
n-Heptane	100		15	10	ug/m3	17.8		TO-15	Total/NA
Toluene	1600		13	4.6	ug/m3	17.8		TO-15	Total/NA
Tetrachloroethene	47		24	3.5	ug/m3	17.8		TO-15	Total/NA
Ethylbenzene	10	J	15	5.6	ug/m3	17.8		TO-15	Total/NA
m,p-Xylene	22	J	39	5.4	ug/m3	17.8		TO-15	Total/NA
Xylene, o-	8.7	J	15	5.5	ug/m3	17.8		TO-15	Total/NA
Xylene (total)	30	J	54	11	ug/m3	17.8		TO-15	Total/NA
Cumene	15	J	18	5.2	ug/m3	17.8		TO-15	Total/NA
n-Propylbenzene	14	J	18	6.0	ug/m3	17.8		TO-15	Total/NA

Client Sample ID: V-3 — Lab Sample ID: 200-44645-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	9900		5700	3600	ppb v/v	11484		TO-15	Total/NA
n-Hexane	5600		2300	1800	ppb v/v	11484		TO-15	Total/NA
Cyclohexane	3300		2300	720	ppb v/v	11484		TO-15	Total/NA
2,2,4-Trimethylpentane	230000		2300	1000	ppb v/v	11484		TO-15	Total/NA
Benzene	1700	J	2300	820	ppb v/v	11484		TO-15	Total/NA
n-Heptane	5900		2300	1600	ppb v/v	11484		TO-15	Total/NA
Cumene	1100	J	2300	680	ppb v/v	11484		TO-15	Total/NA
n-Propylbenzene	920	J	2300	790	ppb v/v	11484		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	24000		14000	8500	ug/m3	11484		TO-15	Total/NA
n-Hexane	20000		8100	6500	ug/m3	11484		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: V-3 (Continued) — Lab Sample ID: 200-44645-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	11000		7900	2500	ug/m3	11484		TO-15	Total/NA
2,2,4-Trimethylpentane	1100000		11000	4700	ug/m3	11484		TO-15	Total/NA
Benzene	5400	J	7300	2600	ug/m3	11484		TO-15	Total/NA
n-Heptane	24000		9400	6600	ug/m3	11484		TO-15	Total/NA
Cumene	5300	J	11000	3300	ug/m3	11484		TO-15	Total/NA
n-Propylbenzene	4500	J	11000	3900	ug/m3	11484		TO-15	Total/NA

Client Sample ID: V-4 — Lab Sample ID: 200-44645-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 22	6.8		1.5	0.78	ppb v/v	2.99		TO-15	Total/NA
Chloromethane	0.99	J	1.5	0.75	ppb v/v	2.99		TO-15	Total/NA
n-Butane	38		1.5	0.93	ppb v/v	2.99		TO-15	Total/NA
1,3-Butadiene	0.32	J	0.60	0.19	ppb v/v	2.99		TO-15	Total/NA
Trichlorofluoromethane	3.7		0.60	0.19	ppb v/v	2.99		TO-15	Total/NA
Acetone	19		15	7.8	ppb v/v	2.99		TO-15	Total/NA
Carbon disulfide	14		1.5	0.36	ppb v/v	2.99		TO-15	Total/NA
Methylene Chloride	0.74	J	1.5	0.60	ppb v/v	2.99		TO-15	Total/NA
n-Hexane	3.4		0.60	0.48	ppb v/v	2.99		TO-15	Total/NA
Methyl Ethyl Ketone	1.6		1.5	0.60	ppb v/v	2.99		TO-15	Total/NA
Chloroform	67		0.60	0.16	ppb v/v	2.99		TO-15	Total/NA
Cyclohexane	1.7		0.60	0.19	ppb v/v	2.99		TO-15	Total/NA
Carbon tetrachloride	0.13		0.10	0.072	ppb v/v	2.99		TO-15	Total/NA
2,2,4-Trimethylpentane	97		0.60	0.26	ppb v/v	2.99		TO-15	Total/NA
Benzene	2.2		0.60	0.21	ppb v/v	2.99		TO-15	Total/NA
Trichloroethene	0.21		0.10	0.090	ppb v/v	2.99		TO-15	Total/NA
Methyl methacrylate	11		1.5	0.66	ppb v/v	2.99		TO-15	Total/NA
Bromodichloromethane	14		0.60	0.28	ppb v/v	2.99		TO-15	Total/NA
Toluene	3.6		0.60	0.21	ppb v/v	2.99		TO-15	Total/NA
Tetrachloroethene	0.11	J	0.60	0.087	ppb v/v	2.99		TO-15	Total/NA
Dibromochloromethane	0.96		0.60	0.21	ppb v/v	2.99		TO-15	Total/NA
Chlorobenzene	0.31	J	0.60	0.12	ppb v/v	2.99		TO-15	Total/NA
Ethylbenzene	42		0.60	0.22	ppb v/v	2.99		TO-15	Total/NA
m,p-Xylene	94		1.5	0.21	ppb v/v	2.99		TO-15	Total/NA
Xylene, o-	87		0.60	0.21	ppb v/v	2.99		TO-15	Total/NA
Xylene (total)	180		2.1	0.42	ppb v/v	2.99		TO-15	Total/NA
Styrene	3.0		0.60	0.26	ppb v/v	2.99		TO-15	Total/NA
Cumene	1.4		0.60	0.18	ppb v/v	2.99		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.91		0.60	0.24	ppb v/v	2.99		TO-15	Total/NA
4-Isopropyltoluene	2.7		0.60	0.22	ppb v/v	2.99		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 22	24		5.3	2.7	ug/m3	2.99		TO-15	Total/NA
Chloromethane	2.0	J	3.1	1.5	ug/m3	2.99		TO-15	Total/NA
n-Butane	90		3.6	2.2	ug/m3	2.99		TO-15	Total/NA
1,3-Butadiene	0.71	J	1.3	0.43	ug/m3	2.99		TO-15	Total/NA
Trichlorofluoromethane	21		3.4	1.0	ug/m3	2.99		TO-15	Total/NA
Acetone	46		36	18	ug/m3	2.99		TO-15	Total/NA
Carbon disulfide	42		4.7	1.1	ug/m3	2.99		TO-15	Total/NA
Methylene Chloride	2.6	J	5.2	2.1	ug/m3	2.99		TO-15	Total/NA
n-Hexane	12		2.1	1.7	ug/m3	2.99		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: V-4 (Continued) — Lab Sample ID: 200-44645-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone	4.7		4.4	1.8	ug/m3	2.99		TO-15	Total/NA
Chloroform	320		2.9	0.76	ug/m3	2.99		TO-15	Total/NA
Cyclohexane	5.7		2.1	0.65	ug/m3	2.99		TO-15	Total/NA
Carbon tetrachloride	0.84		0.66	0.45	ug/m3	2.99		TO-15	Total/NA
2,2,4-Trimethylpentane	460		2.8	1.2	ug/m3	2.99		TO-15	Total/NA
Benzene	7.0		1.9	0.68	ug/m3	2.99		TO-15	Total/NA
Trichloroethene	1.2		0.56	0.48	ug/m3	2.99		TO-15	Total/NA
Methyl methacrylate	44		6.1	2.7	ug/m3	2.99		TO-15	Total/NA
Bromodichloromethane	93		4.0	1.9	ug/m3	2.99		TO-15	Total/NA
Toluene	14		2.3	0.78	ug/m3	2.99		TO-15	Total/NA
Tetrachloroethene	0.75	J	4.1	0.59	ug/m3	2.99		TO-15	Total/NA
Dibromochloromethane	8.2		5.1	1.8	ug/m3	2.99		TO-15	Total/NA
Chlorobenzene	1.4	J	2.8	0.55	ug/m3	2.99		TO-15	Total/NA
Ethylbenzene	180		2.6	0.95	ug/m3	2.99		TO-15	Total/NA
m,p-Xylene	410		6.5	0.91	ug/m3	2.99		TO-15	Total/NA
Xylene, o-	380		2.6	0.92	ug/m3	2.99		TO-15	Total/NA
Xylene (total)	790		9.1	1.8	ug/m3	2.99		TO-15	Total/NA
Styrene	13		2.5	1.1	ug/m3	2.99		TO-15	Total/NA
Cumene	6.8		2.9	0.87	ug/m3	2.99		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.5		2.9	1.2	ug/m3	2.99		TO-15	Total/NA
4-Isopropyltoluene	15		3.3	1.2	ug/m3	2.99		TO-15	Total/NA

Client Sample ID: V-5 — Lab Sample ID: 200-44645-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	73		7.0	4.3	ppb v/v	14		TO-15	Total/NA
1,3-Butadiene	5.8		2.8	0.91	ppb v/v	14		TO-15	Total/NA
Carbon disulfide	6.7	J	7.0	1.7	ppb v/v	14		TO-15	Total/NA
n-Hexane	24		2.8	2.2	ppb v/v	14		TO-15	Total/NA
Methyl Ethyl Ketone	3.6	J	7.0	2.8	ppb v/v	14		TO-15	Total/NA
Chloroform	5.5		2.8	0.73	ppb v/v	14		TO-15	Total/NA
1,1,1-Trichloroethane	1.1	J	2.8	0.95	ppb v/v	14		TO-15	Total/NA
Cyclohexane	4.1		2.8	0.88	ppb v/v	14		TO-15	Total/NA
2,2,4-Trimethylpentane	8.4		2.8	1.2	ppb v/v	14		TO-15	Total/NA
Benzene	2.7	J	2.8	0.99	ppb v/v	14		TO-15	Total/NA
n-Heptane	39		2.8	2.0	ppb v/v	14		TO-15	Total/NA
Toluene	350		2.8	0.97	ppb v/v	14		TO-15	Total/NA
Tetrachloroethene	3.8		2.8	0.41	ppb v/v	14		TO-15	Total/NA
m,p-Xylene	1.1	J	7.0	0.98	ppb v/v	14		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	170		17	10	ug/m3	14		TO-15	Total/NA
1,3-Butadiene	13		6.2	2.0	ug/m3	14		TO-15	Total/NA
Carbon disulfide	21	J	22	5.2	ug/m3	14		TO-15	Total/NA
n-Hexane	84		9.9	7.9	ug/m3	14		TO-15	Total/NA
Methyl Ethyl Ketone	11	J	21	8.3	ug/m3	14		TO-15	Total/NA
Chloroform	27		14	3.6	ug/m3	14		TO-15	Total/NA
1,1,1-Trichloroethane	6.0	J	15	5.2	ug/m3	14		TO-15	Total/NA
Cyclohexane	14		9.6	3.0	ug/m3	14		TO-15	Total/NA
2,2,4-Trimethylpentane	39		13	5.8	ug/m3	14		TO-15	Total/NA
Benzene	8.6	J	8.9	3.2	ug/m3	14		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 200-44645-1
SDG: 200-44645-1

Client Sample ID: V-5 (Continued)

Lab Sample ID: 200-44645-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Heptane	160		11	8.0	ug/m3	14		TO-15	Total/NA
Toluene	1300		11	3.6	ug/m3	14		TO-15	Total/NA
Tetrachloroethene	26		19	2.8	ug/m3	14		TO-15	Total/NA
m,p-Xylene	4.9	J	30	4.3	ug/m3	14		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 200-44645-1
SDG: 200-44645-1

Client Sample ID: V-2

Lab Sample ID: 200-44645-2

Date Collected: 08/02/18 11:12
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	8.9	U	8.9	3.6	ppb v/v			08/06/18 17:12	17.8
Freon 22	8.9	U	8.9	4.6	ppb v/v			08/06/18 17:12	17.8
1,2-Dichlorotetrafluoroethane	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
Chloromethane	8.9	U	8.9	4.5	ppb v/v			08/06/18 17:12	17.8
n-Butane	**53**		8.9	5.5	ppb v/v			08/06/18 17:12	17.8
Vinyl chloride	0.62	U	0.62	0.73	ppb v/v			08/06/18 17:12	17.8
1,3-Butadiene	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
Bromomethane	3.6	U	3.6	1.1	ppb v/v			08/06/18 17:12	17.8
Chloroethane	8.9	U	8.9	3.7	ppb v/v			08/06/18 17:12	17.8
Bromoethene(Vinyl Bromide)	3.6	U	3.6	1.0	ppb v/v			08/06/18 17:12	17.8
Trichlorofluoromethane	3.6	U	3.6	1.1	ppb v/v			08/06/18 17:12	17.8
Freon TF	3.6	U	3.6	0.55	ppb v/v			08/06/18 17:12	17.8
1,1-Dichloroethene	0.62	U	0.62	0.61	ppb v/v			08/06/18 17:12	17.8
Acetone	89	U	89	46	ppb v/v			08/06/18 17:12	17.8
Isopropyl alcohol	89	U	89	32	ppb v/v			08/06/18 17:12	17.8
Carbon disulfide	**5.8**	**J**	8.9	2.1	ppb v/v			08/06/18 17:12	17.8
3-Chloropropene	8.9	U	8.9	4.8	ppb v/v			08/06/18 17:12	17.8
Methylene Chloride	8.9	U	8.9	3.6	ppb v/v			08/06/18 17:12	17.8
tert-Butyl alcohol	89	U	89	27	ppb v/v			08/06/18 17:12	17.8
Methyl tert-butyl ether	3.6	U	3.6	1.1	ppb v/v			08/06/18 17:12	17.8
trans-1,2-Dichloroethene	3.6	U	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
n-Hexane	**25**		3.6	2.8	ppb v/v			08/06/18 17:12	17.8
1,1-Dichloroethane	3.6	U	3.6	0.46	ppb v/v			08/06/18 17:12	17.8
Methyl Ethyl Ketone	**7.0**	**J**	8.9	3.6	ppb v/v			08/06/18 17:12	17.8
cis-1,2-Dichloroethene	0.62	U	0.62	0.66	ppb v/v			08/06/18 17:12	17.8
1,2-Dichloroethene, Total	7.1	U	7.1	2.0	ppb v/v			08/06/18 17:12	17.8
Chloroform	**6.1**		3.6	0.93	ppb v/v			08/06/18 17:12	17.8
Tetrahydrofuran	89	U	89	46	ppb v/v			08/06/18 17:12	17.8
1,1,1-Trichloroethane	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
Cyclohexane	**8.3**		3.6	1.1	ppb v/v			08/06/18 17:12	17.8
Carbon tetrachloride	0.62	U	0.62	0.43	ppb v/v			08/06/18 17:12	17.8
2,2,4-Trimethylpentane	**560**		3.6	1.6	ppb v/v			08/06/18 17:12	17.8
Benzene	**7.1**		3.6	1.3	ppb v/v			08/06/18 17:12	17.8
1,2-Dichloroethane	3.6	U	3.6	1.1	ppb v/v			08/06/18 17:12	17.8
n-Heptane	**25**		3.6	2.5	ppb v/v			08/06/18 17:12	17.8
Trichloroethene	0.62	U	0.62	0.53	ppb v/v			08/06/18 17:12	17.8
Methyl methacrylate	8.9	U	8.9	3.9	ppb v/v			08/06/18 17:12	17.8
1,2-Dichloropropane	3.6	U	3.6	2.1	ppb v/v			08/06/18 17:12	17.8
1,4-Dioxane	89	U	89	23	ppb v/v			08/06/18 17:12	17.8
Bromodichloromethane	3.6	U	3.6	1.7	ppb v/v			08/06/18 17:12	17.8
cis-1,3-Dichloropropene	3.6	U	3.6	1.7	ppb v/v			08/06/18 17:12	17.8
methyl isobutyl ketone	8.9	U	8.9	6.4	ppb v/v			08/06/18 17:12	17.8
Toluene	**430**		3.6	1.2	ppb v/v			08/06/18 17:12	17.8
trans-1,3-Dichloropropene	3.6	U	3.6	2.1	ppb v/v			08/06/18 17:12	17.8
1,1,2-Trichloroethane	3.6	U	3.6	1.4	ppb v/v			08/06/18 17:12	17.8
Tetrachloroethene	**6.9**		3.6	0.52	ppb v/v			08/06/18 17:12	17.8
Methyl Butyl Ketone (2-Hexanone)	8.9	U	8.9	7.5	ppb v/v			08/06/18 17:12	17.8
Dibromochloromethane	3.6	U	3.6	1.3	ppb v/v			08/06/18 17:12	17.8

Client Sample ID: V-2

Lab Sample ID: 200-44645-2

Date Collected: 08/02/18 11:12
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
Chlorobenzene	3.6	U	3.6	0.71	ppb v/v			08/06/18 17:12	17.8
Ethylbenzene	**2.4**	**J**	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
m,p-Xylene	**5.0**	**J**	8.9	1.2	ppb v/v			08/06/18 17:12	17.8
Xylene, o-	**2.0**	**J**	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
Xylene (total)	**7.0**	**J**	12	2.5	ppb v/v			08/06/18 17:12	17.8
Styrene	3.6	U	3.6	1.5	ppb v/v			08/06/18 17:12	17.8
Bromoform	3.6	U	3.6	1.5	ppb v/v			08/06/18 17:12	17.8
Cumene	**3.0**	**J**	3.6	1.1	ppb v/v			08/06/18 17:12	17.8
1,1,2,2-Tetrachloroethane	3.6	U	3.6	1.4	ppb v/v			08/06/18 17:12	17.8
n-Propylbenzene	**2.8**	**J**	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
4-Ethyltoluene	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
1,3,5-Trimethylbenzene	3.6	U	3.6	1.0	ppb v/v			08/06/18 17:12	17.8
2-Chlorotoluene	3.6	U	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
tert-Butylbenzene	3.6	U	3.6	1.0	ppb v/v			08/06/18 17:12	17.8
1,2,4-Trimethylbenzene	3.6	U	3.6	1.4	ppb v/v			08/06/18 17:12	17.8
sec-Butylbenzene	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
4-Isopropyltoluene	3.6	U	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
1,3-Dichlorobenzene	3.6	U	3.6	1.5	ppb v/v			08/06/18 17:12	17.8
1,4-Dichlorobenzene	3.6	U	3.6	1.2	ppb v/v			08/06/18 17:12	17.8
Benzyl chloride	3.6	U	3.6	2.1	ppb v/v			08/06/18 17:12	17.8
n-Butylbenzene	3.6	U	3.6	1.4	ppb v/v			08/06/18 17:12	17.8
1,2-Dichlorobenzene	3.6	U	3.6	1.3	ppb v/v			08/06/18 17:12	17.8
1,2,4-Trichlorobenzene	8.9	U	8.9	4.3	ppb v/v			08/06/18 17:12	17.8
Hexachlorobutadiene	3.6	U	3.6	1.5	ppb v/v			08/06/18 17:12	17.8
Naphthalene	8.9	U	8.9	5.5	ppb v/v			08/06/18 17:12	17.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	44	U	44	18	ug/m3			08/06/18 17:12	17.8
Freon 22	31	U	31	16	ug/m3			08/06/18 17:12	17.8
1,2-Dichlorotetrafluoroethane	25	U	25	8.5	ug/m3			08/06/18 17:12	17.8
Chloromethane	18	U	18	9.2	ug/m3			08/06/18 17:12	17.8
n-Butane	**130**		21	13	ug/m3			08/06/18 17:12	17.8
Vinyl chloride	1.6	U	1.6	1.9	ug/m3			08/06/18 17:12	17.8
1,3-Butadiene	7.9	U	7.9	2.6	ug/m3			08/06/18 17:12	17.8
Bromomethane	14	U	14	4.3	ug/m3			08/06/18 17:12	17.8
Chloroethane	23	U	23	9.9	ug/m3			08/06/18 17:12	17.8
Bromoethene(Vinyl Bromide)	16	U	16	4.4	ug/m3			08/06/18 17:12	17.8
Trichlorofluoromethane	20	U	20	6.2	ug/m3			08/06/18 17:12	17.8
Freon TF	27	U	27	4.2	ug/m3			08/06/18 17:12	17.8
1,1-Dichloroethene	2.5	U	2.5	2.4	ug/m3			08/06/18 17:12	17.8
Acetone	210	U	210	110	ug/m3			08/06/18 17:12	17.8
Isopropyl alcohol	220	U	220	79	ug/m3			08/06/18 17:12	17.8
Carbon disulfide	**18**	**J**	28	6.7	ug/m3			08/06/18 17:12	17.8
3-Chloropropene	28	U	28	15	ug/m3			08/06/18 17:12	17.8
Methylene Chloride	31	U	31	12	ug/m3			08/06/18 17:12	17.8
tert-Butyl alcohol	270	U	270	81	ug/m3			08/06/18 17:12	17.8
Methyl tert-butyl ether	13	U	13	3.9	ug/m3			08/06/18 17:12	17.8
trans-1,2-Dichloroethene	14	U	14	5.2	ug/m3			08/06/18 17:12	17.8

Client Sample ID: V-2

Lab Sample ID: 200-44645-2

Date Collected: 08/02/18 11:12
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	**87**		13	10	ug/m3			08/06/18 17:12	17.8
1,1-Dichloroethane	14	U	14	1.9	ug/m3			08/06/18 17:12	17.8
Methyl Ethyl Ketone	**21**	**J**	26	10	ug/m3			08/06/18 17:12	17.8
cis-1,2-Dichloroethene	2.5	U	2.5	2.6	ug/m3			08/06/18 17:12	17.8
1,2-Dichloroethene, Total	28	U	28	7.8	ug/m3			08/06/18 17:12	17.8
Chloroform	**30**		17	4.5	ug/m3			08/06/18 17:12	17.8
Tetrahydrofuran	260	U	260	140	ug/m3			08/06/18 17:12	17.8
1,1,1-Trichloroethane	19	U	19	6.6	ug/m3			08/06/18 17:12	17.8
Cyclohexane	**29**		12	3.9	ug/m3			08/06/18 17:12	17.8
Carbon tetrachloride	3.9	U	3.9	2.7	ug/m3			08/06/18 17:12	17.8
2,2,4-Trimethylpentane	**2600**		17	7.3	ug/m3			08/06/18 17:12	17.8
Benzene	**23**		11	4.0	ug/m3			08/06/18 17:12	17.8
1,2-Dichloroethane	14	U	14	4.5	ug/m3			08/06/18 17:12	17.8
n-Heptane	**100**		15	10	ug/m3			08/06/18 17:12	17.8
Trichloroethene	3.3	U	3.3	2.9	ug/m3			08/06/18 17:12	17.8
Methyl methacrylate	36	U	36	16	ug/m3			08/06/18 17:12	17.8
1,2-Dichloropropane	16	U	16	9.9	ug/m3			08/06/18 17:12	17.8
1,4-Dioxane	320	U	320	83	ug/m3			08/06/18 17:12	17.8
Bromodichloromethane	24	U	24	11	ug/m3			08/06/18 17:12	17.8
cis-1,3-Dichloropropene	16	U	16	7.9	ug/m3			08/06/18 17:12	17.8
methyl isobutyl ketone	36	U	36	26	ug/m3			08/06/18 17:12	17.8
Toluene	**1600**		13	4.6	ug/m3			08/06/18 17:12	17.8
trans-1,3-Dichloropropene	16	U	16	9.7	ug/m3			08/06/18 17:12	17.8
1,1,2-Trichloroethane	19	U	19	7.6	ug/m3			08/06/18 17:12	17.8
Tetrachloroethene	**47**		24	3.5	ug/m3			08/06/18 17:12	17.8
Methyl Butyl Ketone (2-Hexanone)	36	U	36	31	ug/m3			08/06/18 17:12	17.8
Dibromochloromethane	30	U	30	11	ug/m3			08/06/18 17:12	17.8
1,2-Dibromoethane	27	U	27	9.4	ug/m3			08/06/18 17:12	17.8
Chlorobenzene	16	U	16	3.3	ug/m3			08/06/18 17:12	17.8
Ethylbenzene	**10**	**J**	15	5.6	ug/m3			08/06/18 17:12	17.8
m,p-Xylene	**22**	**J**	39	5.4	ug/m3			08/06/18 17:12	17.8
Xylene, o-	**8.7**	**J**	15	5.5	ug/m3			08/06/18 17:12	17.8
Xylene (total)	**30**	**J**	54	11	ug/m3			08/06/18 17:12	17.8
Styrene	15	U	15	6.5	ug/m3			08/06/18 17:12	17.8
Bromoform	37	U	37	16	ug/m3			08/06/18 17:12	17.8
Cumene	**15**	**J**	18	5.2	ug/m3			08/06/18 17:12	17.8
1,1,2,2-Tetrachloroethane	24	U	24	9.3	ug/m3			08/06/18 17:12	17.8
n-Propylbenzene	**14**	**J**	18	6.0	ug/m3			08/06/18 17:12	17.8
4-Ethyltoluene	18	U	18	6.0	ug/m3			08/06/18 17:12	17.8
1,3,5-Trimethylbenzene	18	U	18	5.1	ug/m3			08/06/18 17:12	17.8
2-Chlorotoluene	18	U	18	6.5	ug/m3			08/06/18 17:12	17.8
tert-Butylbenzene	20	U	20	5.7	ug/m3			08/06/18 17:12	17.8
1,2,4-Trimethylbenzene	18	U	18	7.0	ug/m3			08/06/18 17:12	17.8
sec-Butylbenzene	20	U	20	6.4	ug/m3			08/06/18 17:12	17.8
4-Isopropyltoluene	20	U	20	7.3	ug/m3			08/06/18 17:12	17.8
1,3-Dichlorobenzene	21	U	21	8.8	ug/m3			08/06/18 17:12	17.8
1,4-Dichlorobenzene	21	U	21	7.0	ug/m3			08/06/18 17:12	17.8
Benzyl chloride	18	U	18	11	ug/m3			08/06/18 17:12	17.8

Client Sample ID: V-2

Lab Sample ID: 200-44645-2

Date Collected: 08/02/18 11:12
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	20	U	20	7.8	ug/m3			08/06/18 17:12	17.8
1,2-Dichlorobenzene	21	U	21	7.6	ug/m3			08/06/18 17:12	17.8
1,2,4-Trichlorobenzene	66	U	66	32	ug/m3			08/06/18 17:12	17.8
Hexachlorobutadiene	38	U	38	16	ug/m3			08/06/18 17:12	17.8
Naphthalene	47	U	47	29	ug/m3			08/06/18 17:12	17.8

Client Sample ID: V-3

Lab Sample ID: 200-44645-3

Date Collected: 08/02/18 12:00
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5700	U	5700	2300	ppb v/v			08/06/18 18:04	11484
Freon 22	5700	U	5700	3000	ppb v/v			08/06/18 18:04	11484
1,2-Dichlorotetrafluoroethane	2300	U	2300	780	ppb v/v			08/06/18 18:04	11484
Chloromethane	5700	U	5700	2900	ppb v/v			08/06/18 18:04	11484
n-Butane	**9900**		5700	3600	ppb v/v			08/06/18 18:04	11484
Vinyl chloride	400	U	400	470	ppb v/v			08/06/18 18:04	11484
1,3-Butadiene	2300	U	2300	750	ppb v/v			08/06/18 18:04	11484
Bromomethane	2300	U	2300	710	ppb v/v			08/06/18 18:04	11484
Chloroethane	5700	U	5700	2400	ppb v/v			08/06/18 18:04	11484
Bromoethene(Vinyl Bromide)	2300	U	2300	640	ppb v/v			08/06/18 18:04	11484
Trichlorofluoromethane	2300	U	2300	710	ppb v/v			08/06/18 18:04	11484
Freon TF	2300	U	2300	360	ppb v/v			08/06/18 18:04	11484
1,1-Dichloroethene	400	U	400	390	ppb v/v			08/06/18 18:04	11484
Acetone	57000	U	57000	30000	ppb v/v			08/06/18 18:04	11484
Isopropyl alcohol	57000	U	57000	21000	ppb v/v			08/06/18 18:04	11484
Carbon disulfide	5700	U	5700	1400	ppb v/v			08/06/18 18:04	11484
3-Chloropropene	5700	U	5700	3100	ppb v/v			08/06/18 18:04	11484
Methylene Chloride	5700	U	5700	2300	ppb v/v			08/06/18 18:04	11484
tert-Butyl alcohol	57000	U	57000	17000	ppb v/v			08/06/18 18:04	11484
Methyl tert-butyl ether	2300	U	2300	700	ppb v/v			08/06/18 18:04	11484
trans-1,2-Dichloroethene	2300	U	2300	850	ppb v/v			08/06/18 18:04	11484
n-Hexane	**5600**		2300	1800	ppb v/v			08/06/18 18:04	11484
1,1-Dichloroethane	2300	U	2300	300	ppb v/v			08/06/18 18:04	11484
Methyl Ethyl Ketone	5700	U	5700	2300	ppb v/v			08/06/18 18:04	11484
cis-1,2-Dichloroethene	400	U	400	420	ppb v/v			08/06/18 18:04	11484
1,2-Dichloroethene, Total	4600	U	4600	1300	ppb v/v			08/06/18 18:04	11484
Chloroform	2300	U	2300	600	ppb v/v			08/06/18 18:04	11484
Tetrahydrofuran	57000	U	57000	30000	ppb v/v			08/06/18 18:04	11484
1,1,1-Trichloroethane	2300	U	2300	780	ppb v/v			08/06/18 18:04	11484
Cyclohexane	**3300**		2300	720	ppb v/v			08/06/18 18:04	11484
Carbon tetrachloride	400	U	400	280	ppb v/v			08/06/18 18:04	11484
2,2,4-Trimethylpentane	**230000**		2300	1000	ppb v/v			08/06/18 18:04	11484
Benzene	**1700**	**J**	2300	820	ppb v/v			08/06/18 18:04	11484
1,2-Dichloroethane	2300	U	2300	720	ppb v/v			08/06/18 18:04	11484
n-Heptane	**5900**		2300	1600	ppb v/v			08/06/18 18:04	11484
Trichloroethene	400	U	400	340	ppb v/v			08/06/18 18:04	11484

Client Sample ID: V-3

Date Collected: 08/02/18 12:00
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-44645-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	5700	U	5700	2500	ppb v/v			08/06/18 18:04	11484
1,2-Dichloropropane	2300	U	2300	1400	ppb v/v			08/06/18 18:04	11484
1,4-Dioxane	57000	U	57000	15000	ppb v/v			08/06/18 18:04	11484
Bromodichloromethane	2300	U	2300	1100	ppb v/v			08/06/18 18:04	11484
cis-1,3-Dichloropropene	2300	U	2300	1100	ppb v/v			08/06/18 18:04	11484
methyl isobutyl ketone	5700	U	5700	4100	ppb v/v			08/06/18 18:04	11484
Toluene	2300	U	2300	790	ppb v/v			08/06/18 18:04	11484
trans-1,3-Dichloropropene	2300	U	2300	1400	ppb v/v			08/06/18 18:04	11484
1,1,2-Trichloroethane	2300	U	2300	900	ppb v/v			08/06/18 18:04	11484
Tetrachloroethene	2300	U	2300	330	ppb v/v			08/06/18 18:04	11484
Methyl Butyl Ketone (2-Hexanone)	5700	U	5700	4800	ppb v/v			08/06/18 18:04	11484
Dibromochloromethane	2300	U	2300	820	ppb v/v			08/06/18 18:04	11484
1,2-Dibromoethane	2300	U	2300	790	ppb v/v			08/06/18 18:04	11484
Chlorobenzene	2300	U	2300	460	ppb v/v			08/06/18 18:04	11484
Ethylbenzene	2300	U	2300	840	ppb v/v			08/06/18 18:04	11484
m,p-Xylene	5700	U	5700	800	ppb v/v			08/06/18 18:04	11484
Xylene, o-	2300	U	2300	820	ppb v/v			08/06/18 18:04	11484
Xylene (total)	8000	U	8000	1600	ppb v/v			08/06/18 18:04	11484
Styrene	2300	U	2300	990	ppb v/v			08/06/18 18:04	11484
Bromoform	2300	U	2300	990	ppb v/v			08/06/18 18:04	11484
Cumene	**1100**	**J**	2300	680	ppb v/v			08/06/18 18:04	11484
1,1,2,2-Tetrachloroethane	2300	U	2300	870	ppb v/v			08/06/18 18:04	11484
n-Propylbenzene	**920**	**J**	2300	790	ppb v/v			08/06/18 18:04	11484
4-Ethyltoluene	2300	U	2300	790	ppb v/v			08/06/18 18:04	11484
1,3,5-Trimethylbenzene	2300	U	2300	670	ppb v/v			08/06/18 18:04	11484
2-Chlorotoluene	2300	U	2300	820	ppb v/v			08/06/18 18:04	11484
tert-Butylbenzene	2300	U	2300	670	ppb v/v			08/06/18 18:04	11484
1,2,4-Trimethylbenzene	2300	U	2300	920	ppb v/v			08/06/18 18:04	11484
sec-Butylbenzene	2300	U	2300	760	ppb v/v			08/06/18 18:04	11484
4-Isopropyltoluene	2300	U	2300	860	ppb v/v			08/06/18 18:04	11484
1,3-Dichlorobenzene	2300	U	2300	940	ppb v/v			08/06/18 18:04	11484
1,4-Dichlorobenzene	2300	U	2300	750	ppb v/v			08/06/18 18:04	11484
Benzyl chloride	2300	U	2300	1400	ppb v/v			08/06/18 18:04	11484
n-Butylbenzene	2300	U	2300	920	ppb v/v			08/06/18 18:04	11484
1,2-Dichlorobenzene	2300	U	2300	820	ppb v/v			08/06/18 18:04	11484
1,2,4-Trichlorobenzene	5700	U	5700	2800	ppb v/v			08/06/18 18:04	11484
Hexachlorobutadiene	2300	U	2300	940	ppb v/v			08/06/18 18:04	11484
Naphthalene	5700	U	5700	3600	ppb v/v			08/06/18 18:04	11484

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	28000	U	28000	11000	ug/m3			08/06/18 18:04	11484
Freon 22	20000	U	20000	11000	ug/m3			08/06/18 18:04	11484
1,2-Dichlorotetrafluoroethane	16000	U	16000	5500	ug/m3			08/06/18 18:04	11484
Chloromethane	12000	U	12000	5900	ug/m3			08/06/18 18:04	11484
n-Butane	**24000**		14000	8500	ug/m3			08/06/18 18:04	11484
Vinyl chloride	1000	U	1000	1200	ug/m3			08/06/18 18:04	11484
1,3-Butadiene	5100	U	5100	1700	ug/m3			08/06/18 18:04	11484
Bromomethane	8900	U	8900	2800	ug/m3			08/06/18 18:04	11484
Chloroethane	15000	U	15000	6400	ug/m3			08/06/18 18:04	11484

Client Sample ID: V-3

Date Collected: 08/02/18 12:00
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-44645-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	10000	U	10000	2800	ug/m3			08/06/18 18:04	11484
Trichlorofluoromethane	13000	U	13000	4000	ug/m3			08/06/18 18:04	11484
Freon TF	18000	U	18000	2700	ug/m3			08/06/18 18:04	11484
1,1-Dichloroethene	1600	U	1600	1500	ug/m3			08/06/18 18:04	11484
Acetone	140000	U	140000	71000	ug/m3			08/06/18 18:04	11484
Isopropyl alcohol	140000	U	140000	51000	ug/m3			08/06/18 18:04	11484
Carbon disulfide	18000	U	18000	4300	ug/m3			08/06/18 18:04	11484
3-Chloropropene	18000	U	18000	9700	ug/m3			08/06/18 18:04	11484
Methylene Chloride	20000	U	20000	8000	ug/m3			08/06/18 18:04	11484
tert-Butyl alcohol	170000	U	170000	52000	ug/m3			08/06/18 18:04	11484
Methyl tert-butyl ether	8300	U	8300	2500	ug/m3			08/06/18 18:04	11484
trans-1,2-Dichloroethene	9100	U	9100	3400	ug/m3			08/06/18 18:04	11484
n-Hexane	**20000**		8100	6500	ug/m3			08/06/18 18:04	11484
1,1-Dichloroethane	9300	U	9300	1200	ug/m3			08/06/18 18:04	11484
Methyl Ethyl Ketone	17000	U	17000	6800	ug/m3			08/06/18 18:04	11484
cis-1,2-Dichloroethene	1600	U	1600	1700	ug/m3			08/06/18 18:04	11484
1,2-Dichloroethene, Total	18000	U	18000	5100	ug/m3			08/06/18 18:04	11484
Chloroform	11000	U	11000	2900	ug/m3			08/06/18 18:04	11484
Tetrahydrofuran	170000	U	170000	88000	ug/m3			08/06/18 18:04	11484
1,1,1-Trichloroethane	13000	U	13000	4300	ug/m3			08/06/18 18:04	11484
Cyclohexane	**11000**		7900	2500	ug/m3			08/06/18 18:04	11484
Carbon tetrachloride	2500	U	2500	1700	ug/m3			08/06/18 18:04	11484
2,2,4-Trimethylpentane	**1100000**		11000	4700	ug/m3			08/06/18 18:04	11484
Benzene	**5400**	**J**	7300	2600	ug/m3			08/06/18 18:04	11484
1,2-Dichloroethane	9300	U	9300	2900	ug/m3			08/06/18 18:04	11484
n-Heptane	**24000**		9400	6600	ug/m3			08/06/18 18:04	11484
Trichloroethene	2200	U	2200	1900	ug/m3			08/06/18 18:04	11484
Methyl methacrylate	24000	U	24000	10000	ug/m3			08/06/18 18:04	11484
1,2-Dichloropropane	11000	U	11000	6400	ug/m3			08/06/18 18:04	11484
1,4-Dioxane	210000	U	210000	54000	ug/m3			08/06/18 18:04	11484
Bromodichloromethane	15000	U	15000	7200	ug/m3			08/06/18 18:04	11484
cis-1,3-Dichloropropene	10000	U	10000	5100	ug/m3			08/06/18 18:04	11484
methyl isobutyl ketone	24000	U	24000	17000	ug/m3			08/06/18 18:04	11484
Toluene	8700	U	8700	3000	ug/m3			08/06/18 18:04	11484
trans-1,3-Dichloropropene	10000	U	10000	6300	ug/m3			08/06/18 18:04	11484
1,1,2-Trichloroethane	13000	U	13000	4900	ug/m3			08/06/18 18:04	11484
Tetrachloroethene	16000	U	16000	2300	ug/m3			08/06/18 18:04	11484
Methyl Butyl Ketone (2-Hexanone)	24000	U	24000	20000	ug/m3			08/06/18 18:04	11484
Dibromochloromethane	20000	U	20000	6900	ug/m3			08/06/18 18:04	11484
1,2-Dibromoethane	18000	U	18000	6100	ug/m3			08/06/18 18:04	11484
Chlorobenzene	11000	U	11000	2100	ug/m3			08/06/18 18:04	11484
Ethylbenzene	10000	U	10000	3600	ug/m3			08/06/18 18:04	11484
m,p-Xylene	25000	U	25000	3500	ug/m3			08/06/18 18:04	11484
Xylene, o-	10000	U	10000	3500	ug/m3			08/06/18 18:04	11484
Xylene (total)	35000	U	35000	7000	ug/m3			08/06/18 18:04	11484
Styrene	9800	U	9800	4200	ug/m3			08/06/18 18:04	11484
Bromoform	24000	U	24000	10000	ug/m3			08/06/18 18:04	11484
Cumene	**5300**	**J**	11000	3300	ug/m3			08/06/18 18:04	11484

Client Sample ID: V-3

Lab Sample ID: 200-44645-3

Date Collected: 08/02/18 12:00
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	16000	U	16000	6000	ug/m3			08/06/18 18:04	11484
n-Propylbenzene	**4500**	**J**	11000	3900	ug/m3			08/06/18 18:04	11484
4-Ethyltoluene	11000	U	11000	3900	ug/m3			08/06/18 18:04	11484
1,3,5-Trimethylbenzene	11000	U	11000	3300	ug/m3			08/06/18 18:04	11484
2-Chlorotoluene	12000	U	12000	4200	ug/m3			08/06/18 18:04	11484
tert-Butylbenzene	13000	U	13000	3700	ug/m3			08/06/18 18:04	11484
1,2,4-Trimethylbenzene	11000	U	11000	4500	ug/m3			08/06/18 18:04	11484
sec-Butylbenzene	13000	U	13000	4200	ug/m3			08/06/18 18:04	11484
4-Isopropyltoluene	13000	U	13000	4700	ug/m3			08/06/18 18:04	11484
1,3-Dichlorobenzene	14000	U	14000	5700	ug/m3			08/06/18 18:04	11484
1,4-Dichlorobenzene	14000	U	14000	4500	ug/m3			08/06/18 18:04	11484
Benzyl chloride	12000	U	12000	7100	ug/m3			08/06/18 18:04	11484
n-Butylbenzene	13000	U	13000	5000	ug/m3			08/06/18 18:04	11484
1,2-Dichlorobenzene	14000	U	14000	4900	ug/m3			08/06/18 18:04	11484
1,2,4-Trichlorobenzene	43000	U	43000	20000	ug/m3			08/06/18 18:04	11484
Hexachlorobutadiene	24000	U	24000	10000	ug/m3			08/06/18 18:04	11484
Naphthalene	30000	U	30000	19000	ug/m3			08/06/18 18:04	11484

Client Sample ID: V-4

Lab Sample ID: 200-44645-4

Date Collected: 08/02/18 12:30
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.5	U	1.5	0.60	ppb v/v			08/07/18 09:40	2.99
Freon 22	**6.8**		1.5	0.78	ppb v/v			08/07/18 09:40	2.99
1,2-Dichlorotetrafluoroethane	0.60	U	0.60	0.20	ppb v/v			08/07/18 09:40	2.99
Chloromethane	**0.99**	**J**	1.5	0.75	ppb v/v			08/07/18 09:40	2.99
n-Butane	**38**		1.5	0.93	ppb v/v			08/07/18 09:40	2.99
Vinyl chloride	0.10	U	0.10	0.12	ppb v/v			08/07/18 09:40	2.99
1,3-Butadiene	**0.32**	**J**	0.60	0.19	ppb v/v			08/07/18 09:40	2.99
Bromomethane	0.60	U	0.60	0.19	ppb v/v			08/07/18 09:40	2.99
Chloroethane	1.5	U	1.5	0.63	ppb v/v			08/07/18 09:40	2.99
Bromoethene(Vinyl Bromide)	0.60	U	0.60	0.17	ppb v/v			08/07/18 09:40	2.99
Trichlorofluoromethane	**3.7**		0.60	0.19	ppb v/v			08/07/18 09:40	2.99
Freon TF	0.60	U	0.60	0.093	ppb v/v			08/07/18 09:40	2.99
1,1-Dichloroethene	0.10	U	0.10	0.10	ppb v/v			08/07/18 09:40	2.99
Acetone	**19**		15	7.8	ppb v/v			08/07/18 09:40	2.99
Isopropyl alcohol	15	U	15	5.4	ppb v/v			08/07/18 09:40	2.99
Carbon disulfide	**14**		1.5	0.36	ppb v/v			08/07/18 09:40	2.99
3-Chloropropene	1.5	U	1.5	0.81	ppb v/v			08/07/18 09:40	2.99
Methylene Chloride	**0.74**	**J**	1.5	0.60	ppb v/v			08/07/18 09:40	2.99
tert-Butyl alcohol	15	U	15	4.5	ppb v/v			08/07/18 09:40	2.99
Methyl tert-butyl ether	0.60	U	0.60	0.18	ppb v/v			08/07/18 09:40	2.99
trans-1,2-Dichloroethene	0.60	U	0.60	0.22	ppb v/v			08/07/18 09:40	2.99
n-Hexane	**3.4**		0.60	0.48	ppb v/v			08/07/18 09:40	2.99
1,1-Dichloroethane	0.60	U	0.60	0.078	ppb v/v			08/07/18 09:40	2.99
Methyl Ethyl Ketone	**1.6**		1.5	0.60	ppb v/v			08/07/18 09:40	2.99

Client Sample ID: V-4

Lab Sample ID: 200-44645-4

Date Collected: 08/02/18 12:30
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.10	U	0.10	0.11	ppb v/v			08/07/18 09:40	2.99
1,2-Dichloroethene, Total	1.2	U	1.2	0.33	ppb v/v			08/07/18 09:40	2.99
Chloroform	**67**		0.60	0.16	ppb v/v			08/07/18 09:40	2.99
Tetrahydrofuran	15	U	15	7.8	ppb v/v			08/07/18 09:40	2.99
1,1,1-Trichloroethane	0.60	U	0.60	0.20	ppb v/v			08/07/18 09:40	2.99
Cyclohexane	**1.7**		0.60	0.19	ppb v/v			08/07/18 09:40	2.99
Carbon tetrachloride	**0.13**		0.10	0.072	ppb v/v			08/07/18 09:40	2.99
2,2,4-Trimethylpentane	**97**		0.60	0.26	ppb v/v			08/07/18 09:40	2.99
Benzene	**2.2**		0.60	0.21	ppb v/v			08/07/18 09:40	2.99
1,2-Dichloroethane	0.60	U	0.60	0.19	ppb v/v			08/07/18 09:40	2.99
n-Heptane	0.60	U	0.60	0.42	ppb v/v			08/07/18 09:40	2.99
Trichloroethene	**0.21**		0.10	0.090	ppb v/v			08/07/18 09:40	2.99
Methyl methacrylate	**11**		1.5	0.66	ppb v/v			08/07/18 09:40	2.99
1,2-Dichloropropane	0.60	U	0.60	0.36	ppb v/v			08/07/18 09:40	2.99
1,4-Dioxane	15	U	15	3.9	ppb v/v			08/07/18 09:40	2.99
Bromodichloromethane	**14**		0.60	0.28	ppb v/v			08/07/18 09:40	2.99
cis-1,3-Dichloropropene	0.60	U	0.60	0.29	ppb v/v			08/07/18 09:40	2.99
methyl isobutyl ketone	1.5	U	1.5	1.1	ppb v/v			08/07/18 09:40	2.99
Toluene	**3.6**		0.60	0.21	ppb v/v			08/07/18 09:40	2.99
trans-1,3-Dichloropropene	0.60	U	0.60	0.36	ppb v/v			08/07/18 09:40	2.99
1,1,2-Trichloroethane	0.60	U	0.60	0.23	ppb v/v			08/07/18 09:40	2.99
Tetrachloroethene	**0.11**	**J**	0.60	0.087	ppb v/v			08/07/18 09:40	2.99
Methyl Butyl Ketone (2-Hexanone)	1.5	U	1.5	1.3	ppb v/v			08/07/18 09:40	2.99
Dibromochloromethane	**0.96**		0.60	0.21	ppb v/v			08/07/18 09:40	2.99
1,2-Dibromoethane	0.60	U	0.60	0.21	ppb v/v			08/07/18 09:40	2.99
Chlorobenzene	**0.31**	**J**	0.60	0.12	ppb v/v			08/07/18 09:40	2.99
Ethylbenzene	**42**		0.60	0.22	ppb v/v			08/07/18 09:40	2.99
m,p-Xylene	**94**		1.5	0.21	ppb v/v			08/07/18 09:40	2.99
Xylene, o-	**87**		0.60	0.21	ppb v/v			08/07/18 09:40	2.99
Xylene (total)	**180**		2.1	0.42	ppb v/v			08/07/18 09:40	2.99
Styrene	**3.0**		0.60	0.26	ppb v/v			08/07/18 09:40	2.99
Bromoform	0.60	U	0.60	0.26	ppb v/v			08/07/18 09:40	2.99
Cumene	**1.4**		0.60	0.18	ppb v/v			08/07/18 09:40	2.99
1,1,2,2-Tetrachloroethane	0.60	U	0.60	0.23	ppb v/v			08/07/18 09:40	2.99
n-Propylbenzene	0.60	U	0.60	0.21	ppb v/v			08/07/18 09:40	2.99
4-Ethyltoluene	0.60	U	0.60	0.21	ppb v/v			08/07/18 09:40	2.99
1,3,5-Trimethylbenzene	0.60	U	0.60	0.17	ppb v/v			08/07/18 09:40	2.99
2-Chlorotoluene	0.60	U	0.60	0.21	ppb v/v			08/07/18 09:40	2.99
tert-Butylbenzene	0.60	U	0.60	0.17	ppb v/v			08/07/18 09:40	2.99
1,2,4-Trimethylbenzene	**0.91**		0.60	0.24	ppb v/v			08/07/18 09:40	2.99
sec-Butylbenzene	0.60	U	0.60	0.20	ppb v/v			08/07/18 09:40	2.99
4-Isopropyltoluene	**2.7**		0.60	0.22	ppb v/v			08/07/18 09:40	2.99
1,3-Dichlorobenzene	0.60	U	0.60	0.25	ppb v/v			08/07/18 09:40	2.99
1,4-Dichlorobenzene	0.60	U	0.60	0.19	ppb v/v			08/07/18 09:40	2.99
Benzyl chloride	0.60	U	0.60	0.36	ppb v/v			08/07/18 09:40	2.99
n-Butylbenzene	0.60	U	0.60	0.24	ppb v/v			08/07/18 09:40	2.99
1,2-Dichlorobenzene	0.60	U	0.60	0.21	ppb v/v			08/07/18 09:40	2.99
1,2,4-Trichlorobenzene	1.5	U	1.5	0.72	ppb v/v			08/07/18 09:40	2.99

Client Sample ID: V-4

Date Collected: 08/02/18 12:30
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-44645-4

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.60	U	0.60	0.25	ppb v/v			08/07/18 09:40	2.99
Naphthalene	1.5	U	1.5	0.93	ppb v/v			08/07/18 09:40	2.99

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	7.4	U	7.4	3.0	ug/m3			08/07/18 09:40	2.99
Freon 22	**24**		5.3	2.7	ug/m3			08/07/18 09:40	2.99
1,2-Dichlorotetrafluoroethane	4.2	U	4.2	1.4	ug/m3			08/07/18 09:40	2.99
Chloromethane	**2.0**	**J**	3.1	1.5	ug/m3			08/07/18 09:40	2.99
n-Butane	**90**		3.6	2.2	ug/m3			08/07/18 09:40	2.99
Vinyl chloride	0.27	U	0.27	0.31	ug/m3			08/07/18 09:40	2.99
1,3-Butadiene	**0.71**	**J**	1.3	0.43	ug/m3			08/07/18 09:40	2.99
Bromomethane	2.3	U	2.3	0.72	ug/m3			08/07/18 09:40	2.99
Chloroethane	3.9	U	3.9	1.7	ug/m3			08/07/18 09:40	2.99
Bromoethene(Vinyl Bromide)	2.6	U	2.6	0.73	ug/m3			08/07/18 09:40	2.99
Trichlorofluoromethane	**21**		3.4	1.0	ug/m3			08/07/18 09:40	2.99
Freon TF	4.6	U	4.6	0.71	ug/m3			08/07/18 09:40	2.99
1,1-Dichloroethene	0.42	U	0.42	0.40	ug/m3			08/07/18 09:40	2.99
Acetone	**46**		36	18	ug/m3			08/07/18 09:40	2.99
Isopropyl alcohol	37	U	37	13	ug/m3			08/07/18 09:40	2.99
Carbon disulfide	**42**		4.7	1.1	ug/m3			08/07/18 09:40	2.99
3-Chloropropene	4.7	U	4.7	2.5	ug/m3			08/07/18 09:40	2.99
Methylene Chloride	**2.6**	**J**	5.2	2.1	ug/m3			08/07/18 09:40	2.99
tert-Butyl alcohol	45	U	45	14	ug/m3			08/07/18 09:40	2.99
Methyl tert-butyl ether	2.2	U	2.2	0.66	ug/m3			08/07/18 09:40	2.99
trans-1,2-Dichloroethene	2.4	U	2.4	0.88	ug/m3			08/07/18 09:40	2.99
n-Hexane	**12**		2.1	1.7	ug/m3			08/07/18 09:40	2.99
1,1-Dichloroethane	2.4	U	2.4	0.31	ug/m3			08/07/18 09:40	2.99
Methyl Ethyl Ketone	**4.7**		4.4	1.8	ug/m3			08/07/18 09:40	2.99
cis-1,2-Dichloroethene	0.42	U	0.42	0.44	ug/m3			08/07/18 09:40	2.99
1,2-Dichloroethene, Total	4.7	U	4.7	1.3	ug/m3			08/07/18 09:40	2.99
Chloroform	**320**		2.9	0.76	ug/m3			08/07/18 09:40	2.99
Tetrahydrofuran	44	U	44	23	ug/m3			08/07/18 09:40	2.99
1,1,1-Trichloroethane	3.3	U	3.3	1.1	ug/m3			08/07/18 09:40	2.99
Cyclohexane	**5.7**		2.1	0.65	ug/m3			08/07/18 09:40	2.99
Carbon tetrachloride	**0.84**		0.66	0.45	ug/m3			08/07/18 09:40	2.99
2,2,4-Trimethylpentane	**460**		2.8	1.2	ug/m3			08/07/18 09:40	2.99
Benzene	**7.0**		1.9	0.68	ug/m3			08/07/18 09:40	2.99
1,2-Dichloroethane	2.4	U	2.4	0.76	ug/m3			08/07/18 09:40	2.99
n-Heptane	2.5	U	2.5	1.7	ug/m3			08/07/18 09:40	2.99
Trichloroethene	**1.2**		0.56	0.48	ug/m3			08/07/18 09:40	2.99
Methyl methacrylate	**44**		6.1	2.7	ug/m3			08/07/18 09:40	2.99
1,2-Dichloropropane	2.8	U	2.8	1.7	ug/m3			08/07/18 09:40	2.99
1,4-Dioxane	54	U	54	14	ug/m3			08/07/18 09:40	2.99
Bromodichloromethane	**93**		4.0	1.9	ug/m3			08/07/18 09:40	2.99
cis-1,3-Dichloropropene	2.7	U	2.7	1.3	ug/m3			08/07/18 09:40	2.99
methyl isobutyl ketone	6.1	U	6.1	4.4	ug/m3			08/07/18 09:40	2.99
Toluene	**14**		2.3	0.78	ug/m3			08/07/18 09:40	2.99
trans-1,3-Dichloropropene	2.7	U	2.7	1.6	ug/m3			08/07/18 09:40	2.99
1,1,2-Trichloroethane	3.3	U	3.3	1.3	ug/m3			08/07/18 09:40	2.99

Client Sample ID: V-4

Lab Sample ID: 200-44645-4

Date Collected: 08/02/18 12:30
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.75**	**J**	4.1	0.59	ug/m3			08/07/18 09:40	2.99
Methyl Butyl Ketone (2-Hexanone)	6.1	U	6.1	5.1	ug/m3			08/07/18 09:40	2.99
Dibromochloromethane	**8.2**		5.1	1.8	ug/m3			08/07/18 09:40	2.99
1,2-Dibromoethane	4.6	U	4.6	1.6	ug/m3			08/07/18 09:40	2.99
Chlorobenzene	**1.4**	**J**	2.8	0.55	ug/m3			08/07/18 09:40	2.99
Ethylbenzene	**180**		2.6	0.95	ug/m3			08/07/18 09:40	2.99
m,p-Xylene	**410**		6.5	0.91	ug/m3			08/07/18 09:40	2.99
Xylene, o-	**380**		2.6	0.92	ug/m3			08/07/18 09:40	2.99
Xylene (total)	**790**		9.1	1.8	ug/m3			08/07/18 09:40	2.99
Styrene	**13**		2.5	1.1	ug/m3			08/07/18 09:40	2.99
Bromoform	6.2	U	6.2	2.7	ug/m3			08/07/18 09:40	2.99
Cumene	**6.8**		2.9	0.87	ug/m3			08/07/18 09:40	2.99
1,1,2,2-Tetrachloroethane	4.1	U	4.1	1.6	ug/m3			08/07/18 09:40	2.99
n-Propylbenzene	2.9	U	2.9	1.0	ug/m3			08/07/18 09:40	2.99
4-Ethyltoluene	2.9	U	2.9	1.0	ug/m3			08/07/18 09:40	2.99
1,3,5-Trimethylbenzene	2.9	U	2.9	0.85	ug/m3			08/07/18 09:40	2.99
2-Chlorotoluene	3.1	U	3.1	1.1	ug/m3			08/07/18 09:40	2.99
tert-Butylbenzene	3.3	U	3.3	0.95	ug/m3			08/07/18 09:40	2.99
1,2,4-Trimethylbenzene	**4.5**		2.9	1.2	ug/m3			08/07/18 09:40	2.99
sec-Butylbenzene	3.3	U	3.3	1.1	ug/m3			08/07/18 09:40	2.99
4-Isopropyltoluene	**15**		3.3	1.2	ug/m3			08/07/18 09:40	2.99
1,3-Dichlorobenzene	3.6	U	3.6	1.5	ug/m3			08/07/18 09:40	2.99
1,4-Dichlorobenzene	3.6	U	3.6	1.2	ug/m3			08/07/18 09:40	2.99
Benzyl chloride	3.1	U	3.1	1.9	ug/m3			08/07/18 09:40	2.99
n-Butylbenzene	3.3	U	3.3	1.3	ug/m3			08/07/18 09:40	2.99
1,2-Dichlorobenzene	3.6	U	3.6	1.3	ug/m3			08/07/18 09:40	2.99
1,2,4-Trichlorobenzene	11	U	11	5.3	ug/m3			08/07/18 09:40	2.99
Hexachlorobutadiene	6.4	U	6.4	2.6	ug/m3			08/07/18 09:40	2.99
Naphthalene	7.8	U	7.8	4.9	ug/m3			08/07/18 09:40	2.99

Client Sample ID: V-5

Lab Sample ID: 200-44645-5

Date Collected: 08/02/18 11:57
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	7.0	U	7.0	2.8	ppb v/v			08/06/18 19:48	14
Freon 22	7.0	U	7.0	3.6	ppb v/v			08/06/18 19:48	14
1,2-Dichlorotetrafluoroethane	2.8	U	2.8	0.95	ppb v/v			08/06/18 19:48	14
Chloromethane	7.0	U	7.0	3.5	ppb v/v			08/06/18 19:48	14
n-Butane	**73**		7.0	4.3	ppb v/v			08/06/18 19:48	14
Vinyl chloride	0.49	U	0.49	0.57	ppb v/v			08/06/18 19:48	14
1,3-Butadiene	**5.8**		2.8	0.91	ppb v/v			08/06/18 19:48	14
Bromomethane	2.8	U	2.8	0.87	ppb v/v			08/06/18 19:48	14
Chloroethane	7.0	U	7.0	2.9	ppb v/v			08/06/18 19:48	14
Bromoethene(Vinyl Bromide)	2.8	U	2.8	0.78	ppb v/v			08/06/18 19:48	14
Trichlorofluoromethane	2.8	U	2.8	0.87	ppb v/v			08/06/18 19:48	14
Freon TF	2.8	U	2.8	0.43	ppb v/v			08/06/18 19:48	14

Client Sample ID: V-5

Lab Sample ID: 200-44645-5

Date Collected: 08/02/18 11:57
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.49	U	0.49	0.48	ppb v/v			08/06/18 19:48	14
Acetone	70	U	70	36	ppb v/v			08/06/18 19:48	14
Isopropyl alcohol	70	U	70	25	ppb v/v			08/06/18 19:48	14
Carbon disulfide	**6.7**	**J**	7.0	1.7	ppb v/v			08/06/18 19:48	14
3-Chloropropene	7.0	U	7.0	3.8	ppb v/v			08/06/18 19:48	14
Methylene Chloride	7.0	U	7.0	2.8	ppb v/v			08/06/18 19:48	14
tert-Butyl alcohol	70	U	70	21	ppb v/v			08/06/18 19:48	14
Methyl tert-butyl ether	2.8	U	2.8	0.85	ppb v/v			08/06/18 19:48	14
trans-1,2-Dichloroethene	2.8	U	2.8	1.0	ppb v/v			08/06/18 19:48	14
n-Hexane	**24**		2.8	2.2	ppb v/v			08/06/18 19:48	14
1,1-Dichloroethane	2.8	U	2.8	0.36	ppb v/v			08/06/18 19:48	14
Methyl Ethyl Ketone	**3.6**	**J**	7.0	2.8	ppb v/v			08/06/18 19:48	14
cis-1,2-Dichloroethene	0.49	U	0.49	0.52	ppb v/v			08/06/18 19:48	14
1,2-Dichloroethene, Total	5.6	U	5.6	1.6	ppb v/v			08/06/18 19:48	14
Chloroform	**5.5**		2.8	0.73	ppb v/v			08/06/18 19:48	14
Tetrahydrofuran	70	U	70	36	ppb v/v			08/06/18 19:48	14
1,1,1-Trichloroethane	**1.1**	**J**	2.8	0.95	ppb v/v			08/06/18 19:48	14
Cyclohexane	**4.1**		2.8	0.88	ppb v/v			08/06/18 19:48	14
Carbon tetrachloride	0.49	U	0.49	0.34	ppb v/v			08/06/18 19:48	14
2,2,4-Trimethylpentane	**8.4**		2.8	1.2	ppb v/v			08/06/18 19:48	14
Benzene	**2.7**	**J**	2.8	0.99	ppb v/v			08/06/18 19:48	14
1,2-Dichloroethane	2.8	U	2.8	0.88	ppb v/v			08/06/18 19:48	14
n-Heptane	**39**		2.8	2.0	ppb v/v			08/06/18 19:48	14
Trichloroethene	0.49	U	0.49	0.42	ppb v/v			08/06/18 19:48	14
Methyl methacrylate	7.0	U	7.0	3.1	ppb v/v			08/06/18 19:48	14
1,2-Dichloropropane	2.8	U	2.8	1.7	ppb v/v			08/06/18 19:48	14
1,4-Dioxane	70	U	70	18	ppb v/v			08/06/18 19:48	14
Bromodichloromethane	2.8	U	2.8	1.3	ppb v/v			08/06/18 19:48	14
cis-1,3-Dichloropropene	2.8	U	2.8	1.4	ppb v/v			08/06/18 19:48	14
methyl isobutyl ketone	7.0	U	7.0	5.0	ppb v/v			08/06/18 19:48	14
Toluene	**350**		2.8	0.97	ppb v/v			08/06/18 19:48	14
trans-1,3-Dichloropropene	2.8	U	2.8	1.7	ppb v/v			08/06/18 19:48	14
1,1,2-Trichloroethane	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
Tetrachloroethene	**3.8**		2.8	0.41	ppb v/v			08/06/18 19:48	14
Methyl Butyl Ketone (2-Hexanone)	7.0	U	7.0	5.9	ppb v/v			08/06/18 19:48	14
Dibromochloromethane	2.8	U	2.8	0.99	ppb v/v			08/06/18 19:48	14
1,2-Dibromoethane	2.8	U	2.8	0.97	ppb v/v			08/06/18 19:48	14
Chlorobenzene	2.8	U	2.8	0.56	ppb v/v			08/06/18 19:48	14
Ethylbenzene	2.8	U	2.8	1.0	ppb v/v			08/06/18 19:48	14
m,p-Xylene	**1.1**	**J**	7.0	0.98	ppb v/v			08/06/18 19:48	14
Xylene, o-	2.8	U	2.8	0.99	ppb v/v			08/06/18 19:48	14
Xylene (total)	9.8	U	9.8	2.0	ppb v/v			08/06/18 19:48	14
Styrene	2.8	U	2.8	1.2	ppb v/v			08/06/18 19:48	14
Bromoform	2.8	U	2.8	1.2	ppb v/v			08/06/18 19:48	14
Cumene	2.8	U	2.8	0.83	ppb v/v			08/06/18 19:48	14
1,1,2,2-Tetrachloroethane	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
n-Propylbenzene	2.8	U	2.8	0.97	ppb v/v			08/06/18 19:48	14
4-Ethyltoluene	2.8	U	2.8	0.97	ppb v/v			08/06/18 19:48	14

Client Sample ID: V-5

Lab Sample ID: 200-44645-5

Date Collected: 08/02/18 11:57
Matrix: Air
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	2.8	U	2.8	0.81	ppb v/v			08/06/18 19:48	14
2-Chlorotoluene	2.8	U	2.8	0.99	ppb v/v			08/06/18 19:48	14
tert-Butylbenzene	2.8	U	2.8	0.81	ppb v/v			08/06/18 19:48	14
1,2,4-Trimethylbenzene	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
sec-Butylbenzene	2.8	U	2.8	0.92	ppb v/v			08/06/18 19:48	14
4-Isopropyltoluene	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
1,3-Dichlorobenzene	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
1,4-Dichlorobenzene	2.8	U	2.8	0.91	ppb v/v			08/06/18 19:48	14
Benzyl chloride	2.8	U	2.8	1.7	ppb v/v			08/06/18 19:48	14
n-Butylbenzene	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
1,2-Dichlorobenzene	2.8	U	2.8	0.99	ppb v/v			08/06/18 19:48	14
1,2,4-Trichlorobenzene	7.0	U	7.0	3.4	ppb v/v			08/06/18 19:48	14
Hexachlorobutadiene	2.8	U	2.8	1.1	ppb v/v			08/06/18 19:48	14
Naphthalene	7.0	U	7.0	4.3	ppb v/v			08/06/18 19:48	14

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	35	U	35	14	ug/m3			08/06/18 19:48	14
Freon 22	25	U	25	13	ug/m3			08/06/18 19:48	14
1,2-Dichlorotetrafluoroethane	20	U	20	6.7	ug/m3			08/06/18 19:48	14
Chloromethane	14	U	14	7.2	ug/m3			08/06/18 19:48	14
n-Butane	**170**		17	10	ug/m3			08/06/18 19:48	14
Vinyl chloride	1.3	U	1.3	1.5	ug/m3			08/06/18 19:48	14
1,3-Butadiene	**13**		6.2	2.0	ug/m3			08/06/18 19:48	14
Bromomethane	11	U	11	3.4	ug/m3			08/06/18 19:48	14
Chloroethane	18	U	18	7.8	ug/m3			08/06/18 19:48	14
Bromoethene(Vinyl Bromide)	12	U	12	3.4	ug/m3			08/06/18 19:48	14
Trichlorofluoromethane	16	U	16	4.9	ug/m3			08/06/18 19:48	14
Freon TF	21	U	21	3.3	ug/m3			08/06/18 19:48	14
1,1-Dichloroethene	1.9	U	1.9	1.9	ug/m3			08/06/18 19:48	14
Acetone	170	U	170	86	ug/m3			08/06/18 19:48	14
Isopropyl alcohol	170	U	170	62	ug/m3			08/06/18 19:48	14
Carbon disulfide	**21**	**J**	22	5.2	ug/m3			08/06/18 19:48	14
3-Chloropropene	22	U	22	12	ug/m3			08/06/18 19:48	14
Methylene Chloride	24	U	24	9.7	ug/m3			08/06/18 19:48	14
tert-Butyl alcohol	210	U	210	64	ug/m3			08/06/18 19:48	14
Methyl tert-butyl ether	10	U	10	3.1	ug/m3			08/06/18 19:48	14
trans-1,2-Dichloroethene	11	U	11	4.1	ug/m3			08/06/18 19:48	14
n-Hexane	**84**		9.9	7.9	ug/m3			08/06/18 19:48	14
1,1-Dichloroethane	11	U	11	1.5	ug/m3			08/06/18 19:48	14
Methyl Ethyl Ketone	**11**	**J**	21	8.3	ug/m3			08/06/18 19:48	14
cis-1,2-Dichloroethene	1.9	U	1.9	2.1	ug/m3			08/06/18 19:48	14
1,2-Dichloroethene, Total	22	U	22	6.2	ug/m3			08/06/18 19:48	14
Chloroform	**27**		14	3.6	ug/m3			08/06/18 19:48	14
Tetrahydrofuran	210	U	210	110	ug/m3			08/06/18 19:48	14
1,1,1-Trichloroethane	**6.0**	**J**	15	5.2	ug/m3			08/06/18 19:48	14
Cyclohexane	**14**		9.6	3.0	ug/m3			08/06/18 19:48	14
Carbon tetrachloride	3.1	U	3.1	2.1	ug/m3			08/06/18 19:48	14
2,2,4-Trimethylpentane	**39**		13	5.8	ug/m3			08/06/18 19:48	14
Benzene	**8.6**	**J**	8.9	3.2	ug/m3			08/06/18 19:48	14

Client Sample ID: V-5

Lab Sample ID: 200-44645-5

Date Collected: 08/02/18 11:57
Date Received: 08/03/18 10:10
Sample Container: Summa Canister 6L

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	11	U	11	3.6	ug/m3			08/06/18 19:48	14
n-Heptane	**160**		11	8.0	ug/m3			08/06/18 19:48	14
Trichloroethene	2.6	U	2.6	2.3	ug/m3			08/06/18 19:48	14
Methyl methacrylate	29	U	29	13	ug/m3			08/06/18 19:48	14
1,2-Dichloropropane	13	U	13	7.8	ug/m3			08/06/18 19:48	14
1,4-Dioxane	250	U	250	66	ug/m3			08/06/18 19:48	14
Bromodichloromethane	19	U	19	8.8	ug/m3			08/06/18 19:48	14
cis-1,3-Dichloropropene	13	U	13	6.2	ug/m3			08/06/18 19:48	14
methyl isobutyl ketone	29	U	29	21	ug/m3			08/06/18 19:48	14
Toluene	**1300**		11	3.6	ug/m3			08/06/18 19:48	14
trans-1,3-Dichloropropene	13	U	13	7.6	ug/m3			08/06/18 19:48	14
1,1,2-Trichloroethane	15	U	15	6.0	ug/m3			08/06/18 19:48	14
Tetrachloroethene	**26**		19	2.8	ug/m3			08/06/18 19:48	14
Methyl Butyl Ketone (2-Hexanone)	29	U	29	24	ug/m3			08/06/18 19:48	14
Dibromochloromethane	24	U	24	8.5	ug/m3			08/06/18 19:48	14
1,2-Dibromoethane	22	U	22	7.4	ug/m3			08/06/18 19:48	14
Chlorobenzene	13	U	13	2.6	ug/m3			08/06/18 19:48	14
Ethylbenzene	12	U	12	4.4	ug/m3			08/06/18 19:48	14
m,p-Xylene	**4.9**	**J**	30	4.3	ug/m3			08/06/18 19:48	14
Xylene, o-	12	U	12	4.3	ug/m3			08/06/18 19:48	14
Xylene (total)	43	U	43	8.6	ug/m3			08/06/18 19:48	14
Styrene	12	U	12	5.1	ug/m3			08/06/18 19:48	14
Bromoform	29	U	29	12	ug/m3			08/06/18 19:48	14
Cumene	14	U	14	4.1	ug/m3			08/06/18 19:48	14
1,1,2,2-Tetrachloroethane	19	U	19	7.3	ug/m3			08/06/18 19:48	14
n-Propylbenzene	14	U	14	4.7	ug/m3			08/06/18 19:48	14
4-Ethyltoluene	14	U	14	4.7	ug/m3			08/06/18 19:48	14
1,3,5-Trimethylbenzene	14	U	14	4.0	ug/m3			08/06/18 19:48	14
2-Chlorotoluene	14	U	14	5.1	ug/m3			08/06/18 19:48	14
tert-Butylbenzene	15	U	15	4.5	ug/m3			08/06/18 19:48	14
1,2,4-Trimethylbenzene	14	U	14	5.5	ug/m3			08/06/18 19:48	14
sec-Butylbenzene	15	U	15	5.1	ug/m3			08/06/18 19:48	14
4-Isopropyltoluene	15	U	15	5.8	ug/m3			08/06/18 19:48	14
1,3-Dichlorobenzene	17	U	17	6.9	ug/m3			08/06/18 19:48	14
1,4-Dichlorobenzene	17	U	17	5.5	ug/m3			08/06/18 19:48	14
Benzyl chloride	14	U	14	8.7	ug/m3			08/06/18 19:48	14
n-Butylbenzene	15	U	15	6.1	ug/m3			08/06/18 19:48	14
1,2-Dichlorobenzene	17	U	17	6.0	ug/m3			08/06/18 19:48	14
1,2,4-Trichlorobenzene	52	U	52	25	ug/m3			08/06/18 19:48	14
Hexachlorobutadiene	30	U	30	12	ug/m3			08/06/18 19:48	14
Naphthalene	37	U	37	23	ug/m3			08/06/18 19:48	14

ANALYTICAL REPORT

Job Number: 200-45845-1

SDG Number: 200-45845-1

Job Description: Columbia International

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Mr. Levi Curnutte

Approved for release.
Kathryn A Kelly
Project Manager II
11/6/2018 11:19 AM

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11/06/2018

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Columbia International

Report Number: 200-45845-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 10/23/2018; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

VOLATILE ORGANIC COMPOUNDS
Samples RSB-4-SV, RSB-6-SV, RSB-3-SV, DUP-20181019, RSB-2-SV, RSB-5-SV, RSB-1-SV and AMB-1 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 10/25/2018, 10/29/2018, 10/30/2018 and 10/31/2018.

1,2-Dichloropropane and Methyl methacrylate failed the recovery criteria high for LCS 200-135969/4. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 200-135754 recovered above the upper control limit for 1,2-Dichloropropane, cis-1,3-Dichloropropene, 4-Methy-2-pentanone (MIBK) and Methyl methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: 200-45845-8.

The concentration(s) of Acetone in the following samples exceeded the calibration range of the instrument: 200-45845-2, 200-45845-3, 200-45845-4 and 200-45845-6. The sample was analyzed with minimum dilution even though some analytes were outside of the calibration range.

The concentration(s) of n-Butane in the following sample exceeded the calibration range of the instrument: 200-45845-6. The sample was analyzed with minimum dilution even though some analytes were outside of the calibration range.

The concentration(s) of n-Butane, Acetone, and Chloroform in the following sample exceeded the calibration range of the instrument: 200-45845-7. The sample was analyzed with minimum dilution even though some analytes were outside of the calibration range.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Columbia International

TestAmerica Job ID: 200-45845-1
SDG: 200-45845-1

Client Sample ID: RSB-4-SV — Lab Sample ID: 200-45845-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.82		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	1.0		0.50	0.26	ppb v/v	1		TO-15	Total/NA
n-Butane	14		0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.49		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.83		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Acetone	36		5.0	2.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.83		0.50	0.12	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	3.6	J	5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.3		0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloroform	0.78		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.2		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.031	J	0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.3		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	2.1		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	3.3		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.76		0.035	0.030	ppb v/v	1		TO-15	Total/NA
Toluene	16		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.8		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.4		0.50	0.42	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	4.4		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	11		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	3.9		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Xylene (total)	15		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Styrene	0.24		0.20	0.086	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.51		0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.54		0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.64		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.0		0.20	0.080	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.10	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.0		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	3.6		1.8	0.92	ug/m3	1		TO-15	Total/NA
n-Butane	34		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	1.1		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.6		1.1	0.35	ug/m3	1		TO-15	Total/NA
Acetone	85		12	6.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.6		1.6	0.37	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	11	J	15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	19		0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	11		1.5	0.59	ug/m3	1		TO-15	Total/NA
Chloroform	3.8		0.98	0.25	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.1		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.19	J	0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	11		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	6.8		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	14		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	4.1		0.19	0.16	ug/m3	1		TO-15	Total/NA
Toluene	61		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	13		1.4	0.20	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-4-SV (Continued) — Lab Sample ID: 200-45845-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Butyl Ketone (2-Hexanone)	5.6		2.0	1.7	ug/m3	1		TO-15	Total/NA
Ethylbenzene	19		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	47		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	17		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	65		3.0	0.61	ug/m3	1		TO-15	Total/NA
Styrene	1.0		0.85	0.37	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	2.5		0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.7		0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.1		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	9.8		0.98	0.39	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	0.55	J	1.1	0.44	ug/m3	1		TO-15	Total/NA

Client Sample ID: RSB-6-SV — Lab Sample ID: 200-45845-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.62		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	0.76		0.50	0.26	ppb v/v	1		TO-15	Total/NA
n-Butane	2.3		0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.97		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.48		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Acetone	120	E	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.7		0.50	0.12	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.7	J	5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.1		0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	8.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloroform	1.7		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.2		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.6		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	2.5		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	3.9		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.80		0.035	0.030	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.42	J	0.50	0.36	ppb v/v	1		TO-15	Total/NA
Toluene	22		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.5		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.4		0.50	0.42	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	4.4		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	11		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	3.9		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Xylene (total)	15		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Styrene	0.25		0.20	0.086	ppb v/v	1		TO-15	Total/NA
Cumene	0.21		0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.52		0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.64		0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.66		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.2		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.1		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	2.7		1.8	0.92	ug/m3	1		TO-15	Total/NA
n-Butane	5.6		1.2	0.74	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-6-SV (Continued) — Lab Sample ID: 200-45845-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	2.2		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.7		1.1	0.35	ug/m3	1		TO-15	Total/NA
Acetone	290	E	12	6.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	8.4		1.6	0.37	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	8.2	J	15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	15		0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	26		1.5	0.59	ug/m3	1		TO-15	Total/NA
Chloroform	8.5		0.98	0.25	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.2		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	12		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	7.9		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	16		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	4.3		0.19	0.16	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	1.7	J	2.0	1.5	ug/m3	1		TO-15	Total/NA
Toluene	82		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	10		1.4	0.20	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.9		2.0	1.7	ug/m3	1		TO-15	Total/NA
Ethylbenzene	19		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	49		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	17		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	65		3.0	0.61	ug/m3	1		TO-15	Total/NA
Styrene	1.1		0.85	0.37	ug/m3	1		TO-15	Total/NA
Cumene	1.0		0.98	0.29	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	2.6		0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	3.2		0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.2		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	11		0.98	0.39	ug/m3	1		TO-15	Total/NA

Client Sample ID: RSB-3-SV — Lab Sample ID: 200-45845-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	2.5		0.50	0.26	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.098	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
n-Butane	4.8		0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.35		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.51		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Acetone	62	E	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.18	J	0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.035	0.037	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.20	J	0.40	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.97		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.12	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.26		0.035	0.030	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.10	J	0.20	0.029	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	6.8		2.5	0.99	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-3-SV (Continued) — Lab Sample ID: 200-45845-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 22	9.0		1.8	0.92	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.68	J	1.4	0.48	ug/m3	1		TO-15	Total/NA
n-Butane	11		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.77		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.9		1.1	0.35	ug/m3	1		TO-15	Total/NA
Acetone	150	E	12	6.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.3		1.6	0.37	ug/m3	1		TO-15	Total/NA
n-Hexane	0.63	J	0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.0		1.5	0.59	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.79		0.14	0.15	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.79	J	1.6	0.44	ug/m3	1		TO-15	Total/NA
Chloroform	4.7		0.98	0.25	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.40	J	0.69	0.22	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.4		0.19	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.69	J	1.4	0.20	ug/m3	1		TO-15	Total/NA

Client Sample ID: DUP-20181019 — Lab Sample ID: 200-45845-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.6		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	2.8		0.50	0.26	ppb v/v	1		TO-15	Total/NA
n-Butane	6.1		0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.72		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.68		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Acetone	130	E	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.8	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.5		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.21	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.6	J	5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.0		0.20	0.16	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.080	J	0.20	0.026	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	6.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.40		0.035	0.037	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.40		0.40	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	2.3		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.15	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.60		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.038		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.4		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	1.0		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	2.0		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	3.2		0.035	0.030	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.19	J	0.20	0.094	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.39	J	0.50	0.36	ppb v/v	1		TO-15	Total/NA
Toluene	10		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	11		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.85		0.50	0.42	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	3.2		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	9.2		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	3.4		0.20	0.071	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-20181019 (Continued) — Lab Sample ID: 200-45845-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylene (total)	13		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Styrene	0.25		0.20	0.086	ppb v/v	1		TO-15	Total/NA
Cumene	0.20		0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.53		0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.66		0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.70		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.6		0.20	0.080	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.089	J	0.20	0.066	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.11	J	0.20	0.075	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.19	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.71		0.50	0.31	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	8.1		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	10		1.8	0.92	ug/m3	1		TO-15	Total/NA
n-Butane	15		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	1.6		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	3.8		1.1	0.35	ug/m3	1		TO-15	Total/NA
Acetone	310	E	12	6.2	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.7	J	12	4.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	7.9		1.6	0.37	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.72	J	1.7	0.69	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	8.0	J	15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	7.0		0.70	0.56	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.33	J	0.81	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	20		1.5	0.59	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.6		0.14	0.15	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.6		1.6	0.44	ug/m3	1		TO-15	Total/NA
Chloroform	11		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.81	J	1.1	0.37	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.1		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.24		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	6.3		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	3.3		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	8.4		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	17		0.19	0.16	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	1.2	J	1.3	0.63	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	1.6	J	2.0	1.5	ug/m3	1		TO-15	Total/NA
Toluene	39		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	74		1.4	0.20	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	3.5		2.0	1.7	ug/m3	1		TO-15	Total/NA
Ethylbenzene	14		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	40		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	15		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	55		3.0	0.61	ug/m3	1		TO-15	Total/NA
Styrene	1.1		0.85	0.37	ug/m3	1		TO-15	Total/NA
Cumene	0.97		0.98	0.29	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	2.6		0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	3.3		0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.4		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	13		0.98	0.39	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-20181019 (Continued) — Lab Sample ID: 200-45845-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
sec-Butylbenzene	0.49	J	1.1	0.36	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.59	J	1.1	0.41	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	1.0	J	1.1	0.44	ug/m3	1		TO-15	Total/NA
Naphthalene	3.7		2.6	1.6	ug/m3	1		TO-15	Total/NA

Client Sample ID: RSB-2-SV — Lab Sample ID: 200-45845-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.5		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	0.95		0.50	0.26	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.12	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
n-Butane	3.2		0.50	0.31	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.83		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Freon TF	0.066	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA
Acetone	37		5.0	2.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.28	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.9	J	5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.7		0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Chloroform	0.62		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.15	J	0.20	0.068	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.2		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.028	J	0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.3		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	2.1		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	4.8		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.092		0.035	0.030	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.63		0.50	0.36	ppb v/v	1		TO-15	Total/NA
Toluene	17		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.8		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.1		0.50	0.42	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	4.2		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	11		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	4.0		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Xylene (total)	15		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Styrene	0.13	J	0.20	0.086	ppb v/v	1		TO-15	Total/NA
Cumene	0.22		0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.61		0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.86		0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.81		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.5		0.20	0.080	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.090	J	0.20	0.066	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.076	J	0.20	0.075	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.28		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.91		0.50	0.31	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	22		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	3.4		1.8	0.92	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.83	J	1.4	0.48	ug/m3	1		TO-15	Total/NA
n-Butane	7.6		1.2	0.74	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-2-SV (Continued) — Lab Sample ID: 200-45845-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	4.7		1.1	0.35	ug/m3	1		TO-15	Total/NA
Freon TF	0.50	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Acetone	88		12	6.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.87	J	1.6	0.37	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	8.9	J	15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	16		0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	9.7		1.5	0.59	ug/m3	1		TO-15	Total/NA
Chloroform	3.0		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.81	J	1.1	0.37	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.1		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.17	J	0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	11		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	6.7		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	20		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.49		0.19	0.16	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	2.6		2.0	1.5	ug/m3	1		TO-15	Total/NA
Toluene	63		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	19		1.4	0.20	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	4.5		2.0	1.7	ug/m3	1		TO-15	Total/NA
Ethylbenzene	18		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	50		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	17		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	65		3.0	0.61	ug/m3	1		TO-15	Total/NA
Styrene	0.56	J	0.85	0.37	ug/m3	1		TO-15	Total/NA
Cumene	1.1		0.98	0.29	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	3.0		0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	4.2		0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.0		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	12		0.98	0.39	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	0.50	J	1.1	0.36	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.42	J	1.1	0.41	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	1.5		1.1	0.44	ug/m3	1		TO-15	Total/NA
Naphthalene	4.8		2.6	1.6	ug/m3	1		TO-15	Total/NA

Client Sample ID: RSB-5-SV — Lab Sample ID: 200-45845-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.5		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	2.6		0.50	0.26	ppb v/v	1		TO-15	Total/NA
n-Butane	80	E	0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	2.5		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.76		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Freon TF	0.074	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA
Acetone	180	E	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.0	J	5.0	1.8	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.36	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.4	J	5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.5		0.20	0.16	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.11	J	0.20	0.026	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-5-SV (Continued) — Lab Sample ID: 200-45845-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone	8.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.39		0.035	0.037	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.39	J	0.40	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	1.1		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.32		0.20	0.068	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.3		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.053		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.1		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	2.4		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	3.5		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.8		0.035	0.030	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.63		0.50	0.36	ppb v/v	1		TO-15	Total/NA
Toluene	12		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.4		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.52		0.50	0.42	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.6		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.3		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.3		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.6		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Cumene	0.074	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.14	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.16	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.20		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.65		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.10	J	0.20	0.082	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	17		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	9.0		1.8	0.92	ug/m3	1		TO-15	Total/NA
n-Butane	190	E	1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	5.5		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.2		1.1	0.35	ug/m3	1		TO-15	Total/NA
Freon TF	0.57	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Acetone	420	E	12	6.2	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.9	J	12	4.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.1		1.6	0.37	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.2	J	1.7	0.69	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	7.2	J	15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	19		0.70	0.56	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.44	J	0.81	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	24		1.5	0.59	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.5		0.14	0.15	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.5	J	1.6	0.44	ug/m3	1		TO-15	Total/NA
Chloroform	5.6		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.7		1.1	0.37	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.6		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	9.9		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	7.6		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	14		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.8		0.19	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-5-SV (Continued) — Lab Sample ID: 200-45845-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
methyl isobutyl ketone	2.6		2.0	1.5	ug/m3	1		TO-15	Total/NA
Toluene	45		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	17		1.4	0.20	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.1		2.0	1.7	ug/m3	1		TO-15	Total/NA
Ethylbenzene	7.1		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	19		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	5.7		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	24		3.0	0.61	ug/m3	1		TO-15	Total/NA
Cumene	0.37	J	0.98	0.29	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.69	J	0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.81	J	0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.0		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.2		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.61	J	1.2	0.49	ug/m3	1		TO-15	Total/NA

Client Sample ID: RSB-1-SV — Lab Sample ID: 200-45845-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Freon 22	1.9		0.50	0.26	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.39		0.20	0.068	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.42	J	0.50	0.25	ppb v/v	1		TO-15	Total/NA
n-Butane	63	E	0.50	0.31	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	4.4		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.61		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Freon TF	0.087	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA
Acetone	86	E	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	4.8		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	15		5.0	1.5	ppb v/v	1		TO-15	Total/NA
n-Hexane	13		0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	4.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.42		0.035	0.037	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.42		0.40	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	130	E	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.32		0.20	0.068	ppb v/v	1		TO-15	Total/NA
Cyclohexane	5.6		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.20		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.1		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	4.4		0.20	0.071	ppb v/v	1		TO-15	Total/NA
n-Heptane	13		0.20	0.14	ppb v/v	1		TO-15	Total/NA
Trichloroethene	2.5		0.035	0.030	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	1.7		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Toluene	12		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.1		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.7		0.20	0.073	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	17		0.50	0.070	ppb v/v	1		TO-15	Total/NA
Xylene, o-	2.1		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Xylene (total)	19		0.70	0.14	ppb v/v	1		TO-15	Total/NA
Cumene	0.091	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RSB-1-SV (Continued) — Lab Sample ID: 200-45845-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Propylbenzene	0.096	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.14	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.27		0.20	0.058	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.43		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.13	J	0.20	0.082	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.069	J	0.20	0.065	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	10		2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	6.5		1.8	0.92	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	2.7		1.4	0.48	ug/m3	1		TO-15	Total/NA
Chloromethane	0.86	J	1.0	0.52	ug/m3	1		TO-15	Total/NA
n-Butane	150	E	1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	9.8		0.44	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	3.4		1.1	0.35	ug/m3	1		TO-15	Total/NA
Freon TF	0.67	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Acetone	200	E	12	6.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	15		1.6	0.37	ug/m3	1		TO-15	Total/NA
Methylene Chloride	6.0		1.7	0.69	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	46		15	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	45		0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	14		1.5	0.59	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.7		0.14	0.15	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.7		1.6	0.44	ug/m3	1		TO-15	Total/NA
Chloroform	650	E	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.7		1.1	0.37	ug/m3	1		TO-15	Total/NA
Cyclohexane	19		0.69	0.22	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.2		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	9.9		0.93	0.41	ug/m3	1		TO-15	Total/NA
Benzene	14		0.64	0.23	ug/m3	1		TO-15	Total/NA
n-Heptane	54		0.82	0.57	ug/m3	1		TO-15	Total/NA
Trichloroethene	13		0.19	0.16	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	11		1.3	0.63	ug/m3	1		TO-15	Total/NA
Toluene	46		0.75	0.26	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	7.2		1.4	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	7.3		0.87	0.32	ug/m3	1		TO-15	Total/NA
m,p-Xylene	72		2.2	0.30	ug/m3	1		TO-15	Total/NA
Xylene, o-	9.3		0.87	0.31	ug/m3	1		TO-15	Total/NA
Xylene (total)	83		3.0	0.61	ug/m3	1		TO-15	Total/NA
Cumene	0.45	J	0.98	0.29	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.47	J	0.98	0.34	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.68	J	0.98	0.34	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.3		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.1		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.78	J	1.2	0.49	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.41	J	1.2	0.39	ug/m3	1		TO-15	Total/NA

Client Sample ID: AMB-1 — Lab Sample ID: 200-45845-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.26	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AMB-1 (Continued) — Lab Sample ID: 200-45845-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 22	0.37	J	0.50	0.26	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.41	J	0.50	0.25	ppb v/v	1		TO-15	Total/NA
n-Butane	1.5		0.50	0.31	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Freon TF	0.055	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA
Acetone	3.3	J	5.0	2.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.17	J	0.20	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.27	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.053		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.071	ppb v/v	1		TO-15	Total/NA
Toluene	0.36		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.081	J	0.50	0.070	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3	J	2.5	0.99	ug/m3	1		TO-15	Total/NA
Freon 22	1.3	J	1.8	0.92	ug/m3	1		TO-15	Total/NA
Chloromethane	0.84	J	1.0	0.52	ug/m3	1		TO-15	Total/NA
n-Butane	3.6		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.35	ug/m3	1		TO-15	Total/NA
Freon TF	0.42	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Acetone	8.0	J	12	6.2	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.69	ug/m3	1		TO-15	Total/NA
n-Hexane	0.61	J	0.70	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.79	J	1.5	0.59	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.62	J	0.64	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.26	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.35	J	2.2	0.30	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Columbia International

TestAmerica Job ID: 200-45845-1
SDG: 200-45845-1

Client Sample ID: RSB-4-SV

Lab Sample ID: 200-45845-1

Date Collected: 10/19/18 10:33
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.82**		0.50	0.20	ppb v/v			10/29/18 18:32	1
Freon 22	**1.0**		0.50	0.26	ppb v/v			10/29/18 18:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 18:32	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/29/18 18:32	1
n-Butane	**14**		0.50	0.31	ppb v/v			10/29/18 18:32	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/29/18 18:32	1
1,3-Butadiene	**0.49**		0.20	0.065	ppb v/v			10/29/18 18:32	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/29/18 18:32	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/29/18 18:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/29/18 18:32	1
Trichlorofluoromethane	**0.83**		0.20	0.062	ppb v/v			10/29/18 18:32	1
Freon TF	0.20	U	0.20	0.031	ppb v/v			10/29/18 18:32	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/29/18 18:32	1
Acetone	**36**		5.0	2.6	ppb v/v			10/29/18 18:32	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/29/18 18:32	1
Carbon disulfide	**0.83**		0.50	0.12	ppb v/v			10/29/18 18:32	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/29/18 18:32	1
Methylene Chloride	0.50	U	0.50	0.20	ppb v/v			10/29/18 18:32	1
tert-Butyl alcohol	**3.6**	**J**	5.0	1.5	ppb v/v			10/29/18 18:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/29/18 18:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/29/18 18:32	1
n-Hexane	**5.3**		0.20	0.16	ppb v/v			10/29/18 18:32	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/29/18 18:32	1
Methyl Ethyl Ketone	**3.8**		0.50	0.20	ppb v/v			10/29/18 18:32	1
cis-1,2-Dichloroethene	0.035	U	0.035	0.037	ppb v/v			10/29/18 18:32	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.11	ppb v/v			10/29/18 18:32	1
Chloroform	**0.78**		0.20	0.052	ppb v/v			10/29/18 18:32	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/29/18 18:32	1
1,1,1-Trichloroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 18:32	1
Cyclohexane	**1.2**		0.20	0.063	ppb v/v			10/29/18 18:32	1
Carbon tetrachloride	**0.031**	**J**	0.035	0.024	ppb v/v			10/29/18 18:32	1
2,2,4-Trimethylpentane	**2.3**		0.20	0.088	ppb v/v			10/29/18 18:32	1
Benzene	**2.1**		0.20	0.071	ppb v/v			10/29/18 18:32	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/29/18 18:32	1
n-Heptane	**3.3**		0.20	0.14	ppb v/v			10/29/18 18:32	1
Trichloroethene	**0.76**		0.035	0.030	ppb v/v			10/29/18 18:32	1
Methyl methacrylate	0.50	U *	0.50	0.22	ppb v/v			10/29/18 18:32	1
1,2-Dichloropropane	0.20	U *	0.20	0.12	ppb v/v			10/29/18 18:32	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/29/18 18:32	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/29/18 18:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/29/18 18:32	1
methyl isobutyl ketone	0.50	U	0.50	0.36	ppb v/v			10/29/18 18:32	1
Toluene	**16**		0.20	0.069	ppb v/v			10/29/18 18:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/29/18 18:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/29/18 18:32	1
Tetrachloroethene	**1.8**		0.20	0.029	ppb v/v			10/29/18 18:32	1
Methyl Butyl Ketone (2-Hexanone)	**1.4**		0.50	0.42	ppb v/v			10/29/18 18:32	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/29/18 18:32	1

Client Sample ID: RSB-4-SV

Date Collected: 10/19/18 10:33
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/29/18 18:32	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/29/18 18:32	1
Ethylbenzene	**4.4**		0.20	0.073	ppb v/v			10/29/18 18:32	1
m,p-Xylene	**11**		0.50	0.070	ppb v/v			10/29/18 18:32	1
Xylene, o-	**3.9**		0.20	0.071	ppb v/v			10/29/18 18:32	1
Xylene (total)	**15**		0.70	0.14	ppb v/v			10/29/18 18:32	1
Styrene	**0.24**		0.20	0.086	ppb v/v			10/29/18 18:32	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/29/18 18:32	1
Cumene	0.20	U	0.20	0.059	ppb v/v			10/29/18 18:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/29/18 18:32	1
n-Propylbenzene	**0.51**		0.20	0.069	ppb v/v			10/29/18 18:32	1
4-Ethyltoluene	**0.54**		0.20	0.069	ppb v/v			10/29/18 18:32	1
1,3,5-Trimethylbenzene	**0.64**		0.20	0.058	ppb v/v			10/29/18 18:32	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/29/18 18:32	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/29/18 18:32	1
1,2,4-Trimethylbenzene	**2.0**		0.20	0.080	ppb v/v			10/29/18 18:32	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/29/18 18:32	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/29/18 18:32	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/29/18 18:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/29/18 18:32	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/29/18 18:32	1
n-Butylbenzene	**0.10**	**J**	0.20	0.080	ppb v/v			10/29/18 18:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/29/18 18:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/29/18 18:32	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/29/18 18:32	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/29/18 18:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**4.0**		2.5	0.99	ug/m3			10/29/18 18:32	1
Freon 22	**3.6**		1.8	0.92	ug/m3			10/29/18 18:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.48	ug/m3			10/29/18 18:32	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/29/18 18:32	1
n-Butane	**34**		1.2	0.74	ug/m3			10/29/18 18:32	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/29/18 18:32	1
1,3-Butadiene	**1.1**		0.44	0.14	ug/m3			10/29/18 18:32	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/29/18 18:32	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/29/18 18:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/29/18 18:32	1
Trichlorofluoromethane	**4.6**		1.1	0.35	ug/m3			10/29/18 18:32	1
Freon TF	1.5	U	1.5	0.24	ug/m3			10/29/18 18:32	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/29/18 18:32	1
Acetone	**85**		12	6.2	ug/m3			10/29/18 18:32	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/29/18 18:32	1
Carbon disulfide	**2.6**		1.6	0.37	ug/m3			10/29/18 18:32	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/29/18 18:32	1
Methylene Chloride	1.7	U	1.7	0.69	ug/m3			10/29/18 18:32	1
tert-Butyl alcohol	**11**	**J**	15	4.5	ug/m3			10/29/18 18:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/29/18 18:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/29/18 18:32	1

Client Sample ID: RSB-4-SV

Lab Sample ID: 200-45845-1

Date Collected: 10/19/18 10:33
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	**19**		0.70	0.56	ug/m3			10/29/18 18:32	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/29/18 18:32	1
Methyl Ethyl Ketone	**11**		1.5	0.59	ug/m3			10/29/18 18:32	1
cis-1,2-Dichloroethene	0.14	U	0.14	0.15	ug/m3			10/29/18 18:32	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.44	ug/m3			10/29/18 18:32	1
Chloroform	**3.8**		0.98	0.25	ug/m3			10/29/18 18:32	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/29/18 18:32	1
1,1,1-Trichloroethane	1.1	U	1.1	0.37	ug/m3			10/29/18 18:32	1
Cyclohexane	**4.1**		0.69	0.22	ug/m3			10/29/18 18:32	1
Carbon tetrachloride	**0.19**	**J**	0.22	0.15	ug/m3			10/29/18 18:32	1
2,2,4-Trimethylpentane	**11**		0.93	0.41	ug/m3			10/29/18 18:32	1
Benzene	**6.8**		0.64	0.23	ug/m3			10/29/18 18:32	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/29/18 18:32	1
n-Heptane	**14**		0.82	0.57	ug/m3			10/29/18 18:32	1
Trichloroethene	**4.1**		0.19	0.16	ug/m3			10/29/18 18:32	1
Methyl methacrylate	2.0	U *	2.0	0.90	ug/m3			10/29/18 18:32	1
1,2-Dichloropropane	0.92	U *	0.92	0.55	ug/m3			10/29/18 18:32	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/29/18 18:32	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/29/18 18:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/29/18 18:32	1
methyl isobutyl ketone	2.0	U	2.0	1.5	ug/m3			10/29/18 18:32	1
Toluene	**61**		0.75	0.26	ug/m3			10/29/18 18:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/29/18 18:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/29/18 18:32	1
Tetrachloroethene	**13**		1.4	0.20	ug/m3			10/29/18 18:32	1
Methyl Butyl Ketone (2-Hexanone)	**5.6**		2.0	1.7	ug/m3			10/29/18 18:32	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/29/18 18:32	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/29/18 18:32	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/29/18 18:32	1
Ethylbenzene	**19**		0.87	0.32	ug/m3			10/29/18 18:32	1
m,p-Xylene	**47**		2.2	0.30	ug/m3			10/29/18 18:32	1
Xylene, o-	**17**		0.87	0.31	ug/m3			10/29/18 18:32	1
Xylene (total)	**65**		3.0	0.61	ug/m3			10/29/18 18:32	1
Styrene	**1.0**		0.85	0.37	ug/m3			10/29/18 18:32	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/29/18 18:32	1
Cumene	0.98	U	0.98	0.29	ug/m3			10/29/18 18:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/29/18 18:32	1
n-Propylbenzene	**2.5**		0.98	0.34	ug/m3			10/29/18 18:32	1
4-Ethyltoluene	**2.7**		0.98	0.34	ug/m3			10/29/18 18:32	1
1,3,5-Trimethylbenzene	**3.1**		0.98	0.29	ug/m3			10/29/18 18:32	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/29/18 18:32	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/29/18 18:32	1
1,2,4-Trimethylbenzene	**9.8**		0.98	0.39	ug/m3			10/29/18 18:32	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/29/18 18:32	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/29/18 18:32	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/29/18 18:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/29/18 18:32	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/29/18 18:32	1

Client Sample ID: RSB-4-SV

Lab Sample ID: 200-45845-1

Date Collected: 10/19/18 10:33
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	**0.55**	**J**	1.1	0.44	ug/m3			10/29/18 18:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/29/18 18:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/29/18 18:32	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/29/18 18:32	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/29/18 18:32	1

Client Sample ID: RSB-6-SV

Lab Sample ID: 200-45845-2

Date Collected: 10/19/18 10:45
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.62**		0.50	0.20	ppb v/v			10/29/18 19:24	1
Freon 22	**0.76**		0.50	0.26	ppb v/v			10/29/18 19:24	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 19:24	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/29/18 19:24	1
n-Butane	**2.3**		0.50	0.31	ppb v/v			10/29/18 19:24	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/29/18 19:24	1
1,3-Butadiene	**0.97**		0.20	0.065	ppb v/v			10/29/18 19:24	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/29/18 19:24	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/29/18 19:24	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/29/18 19:24	1
Trichlorofluoromethane	**0.48**		0.20	0.062	ppb v/v			10/29/18 19:24	1
Freon TF	0.20	U	0.20	0.031	ppb v/v			10/29/18 19:24	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/29/18 19:24	1
Acetone	**120**	**E**	5.0	2.6	ppb v/v			10/29/18 19:24	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/29/18 19:24	1
Carbon disulfide	**2.7**		0.50	0.12	ppb v/v			10/29/18 19:24	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/29/18 19:24	1
Methylene Chloride	0.50	U	0.50	0.20	ppb v/v			10/29/18 19:24	1
tert-Butyl alcohol	**2.7**	**J**	5.0	1.5	ppb v/v			10/29/18 19:24	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/29/18 19:24	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/29/18 19:24	1
n-Hexane	**4.1**		0.20	0.16	ppb v/v			10/29/18 19:24	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/29/18 19:24	1
Methyl Ethyl Ketone	**8.7**		0.50	0.20	ppb v/v			10/29/18 19:24	1
cis-1,2-Dichloroethene	0.035	U	0.035	0.037	ppb v/v			10/29/18 19:24	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.11	ppb v/v			10/29/18 19:24	1
Chloroform	**1.7**		0.20	0.052	ppb v/v			10/29/18 19:24	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/29/18 19:24	1
1,1,1-Trichloroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 19:24	1
Cyclohexane	**1.2**		0.20	0.063	ppb v/v			10/29/18 19:24	1
Carbon tetrachloride	**0.069**		0.035	0.024	ppb v/v			10/29/18 19:24	1
2,2,4-Trimethylpentane	**2.6**		0.20	0.088	ppb v/v			10/29/18 19:24	1
Benzene	**2.5**		0.20	0.071	ppb v/v			10/29/18 19:24	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/29/18 19:24	1
n-Heptane	**3.9**		0.20	0.14	ppb v/v			10/29/18 19:24	1
Trichloroethene	**0.80**		0.035	0.030	ppb v/v			10/29/18 19:24	1

Client Sample ID: RSB-6-SV

Date Collected: 10/19/18 10:45
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-2

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U *	0.50	0.22	ppb v/v			10/29/18 19:24	1
1,2-Dichloropropane	0.20	U *	0.20	0.12	ppb v/v			10/29/18 19:24	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/29/18 19:24	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/29/18 19:24	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/29/18 19:24	1
methyl isobutyl ketone	**0.42**	**J**	0.50	0.36	ppb v/v			10/29/18 19:24	1
Toluene	**22**		0.20	0.069	ppb v/v			10/29/18 19:24	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/29/18 19:24	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/29/18 19:24	1
Tetrachloroethene	**1.5**		0.20	0.029	ppb v/v			10/29/18 19:24	1
Methyl Butyl Ketone (2-Hexanone)	**1.4**		0.50	0.42	ppb v/v			10/29/18 19:24	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/29/18 19:24	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/29/18 19:24	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/29/18 19:24	1
Ethylbenzene	**4.4**		0.20	0.073	ppb v/v			10/29/18 19:24	1
m,p-Xylene	**11**		0.50	0.070	ppb v/v			10/29/18 19:24	1
Xylene, o-	**3.9**		0.20	0.071	ppb v/v			10/29/18 19:24	1
Xylene (total)	**15**		0.70	0.14	ppb v/v			10/29/18 19:24	1
Styrene	**0.25**		0.20	0.086	ppb v/v			10/29/18 19:24	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/29/18 19:24	1
Cumene	**0.21**		0.20	0.059	ppb v/v			10/29/18 19:24	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/29/18 19:24	1
n-Propylbenzene	**0.52**		0.20	0.069	ppb v/v			10/29/18 19:24	1
4-Ethyltoluene	**0.64**		0.20	0.069	ppb v/v			10/29/18 19:24	1
1,3,5-Trimethylbenzene	**0.66**		0.20	0.058	ppb v/v			10/29/18 19:24	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/29/18 19:24	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/29/18 19:24	1
1,2,4-Trimethylbenzene	**2.2**		0.20	0.080	ppb v/v			10/29/18 19:24	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/29/18 19:24	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/29/18 19:24	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/29/18 19:24	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/29/18 19:24	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/29/18 19:24	1
n-Butylbenzene	0.20	U	0.20	0.080	ppb v/v			10/29/18 19:24	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/29/18 19:24	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/29/18 19:24	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/29/18 19:24	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/29/18 19:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**		2.5	0.99	ug/m3			10/29/18 19:24	1
Freon 22	**2.7**		1.8	0.92	ug/m3			10/29/18 19:24	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.48	ug/m3			10/29/18 19:24	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/29/18 19:24	1
n-Butane	**5.6**		1.2	0.74	ug/m3			10/29/18 19:24	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/29/18 19:24	1
1,3-Butadiene	**2.2**		0.44	0.14	ug/m3			10/29/18 19:24	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/29/18 19:24	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/29/18 19:24	1

Client Sample ID: RSB-6-SV

Lab Sample ID: 200-45845-2

Date Collected: 10/19/18 10:45
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/29/18 19:24	1
Trichlorofluoromethane	**2.7**		1.1	0.35	ug/m3			10/29/18 19:24	1
Freon TF	1.5	U	1.5	0.24	ug/m3			10/29/18 19:24	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/29/18 19:24	1
Acetone	**290**	**E**	12	6.2	ug/m3			10/29/18 19:24	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/29/18 19:24	1
Carbon disulfide	**8.4**		1.6	0.37	ug/m3			10/29/18 19:24	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/29/18 19:24	1
Methylene Chloride	1.7	U	1.7	0.69	ug/m3			10/29/18 19:24	1
tert-Butyl alcohol	**8.2**	**J**	15	4.5	ug/m3			10/29/18 19:24	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/29/18 19:24	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/29/18 19:24	1
n-Hexane	**15**		0.70	0.56	ug/m3			10/29/18 19:24	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/29/18 19:24	1
Methyl Ethyl Ketone	**26**		1.5	0.59	ug/m3			10/29/18 19:24	1
cis-1,2-Dichloroethene	0.14	U	0.14	0.15	ug/m3			10/29/18 19:24	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.44	ug/m3			10/29/18 19:24	1
Chloroform	**8.5**		0.98	0.25	ug/m3			10/29/18 19:24	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/29/18 19:24	1
1,1,1-Trichloroethane	1.1	U	1.1	0.37	ug/m3			10/29/18 19:24	1
Cyclohexane	**4.2**		0.69	0.22	ug/m3			10/29/18 19:24	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			10/29/18 19:24	1
2,2,4-Trimethylpentane	**12**		0.93	0.41	ug/m3			10/29/18 19:24	1
Benzene	**7.9**		0.64	0.23	ug/m3			10/29/18 19:24	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/29/18 19:24	1
n-Heptane	**16**		0.82	0.57	ug/m3			10/29/18 19:24	1
Trichloroethene	**4.3**		0.19	0.16	ug/m3			10/29/18 19:24	1
Methyl methacrylate	2.0	U *	2.0	0.90	ug/m3			10/29/18 19:24	1
1,2-Dichloropropane	0.92	U *	0.92	0.55	ug/m3			10/29/18 19:24	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/29/18 19:24	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/29/18 19:24	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/29/18 19:24	1
methyl isobutyl ketone	**1.7**	**J**	2.0	1.5	ug/m3			10/29/18 19:24	1
Toluene	**82**		0.75	0.26	ug/m3			10/29/18 19:24	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/29/18 19:24	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/29/18 19:24	1
Tetrachloroethene	**10**		1.4	0.20	ug/m3			10/29/18 19:24	1
Methyl Butyl Ketone (2-Hexanone)	**5.9**		2.0	1.7	ug/m3			10/29/18 19:24	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/29/18 19:24	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/29/18 19:24	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/29/18 19:24	1
Ethylbenzene	**19**		0.87	0.32	ug/m3			10/29/18 19:24	1
m,p-Xylene	**49**		2.2	0.30	ug/m3			10/29/18 19:24	1
Xylene, o-	**17**		0.87	0.31	ug/m3			10/29/18 19:24	1
Xylene (total)	**65**		3.0	0.61	ug/m3			10/29/18 19:24	1
Styrene	**1.1**		0.85	0.37	ug/m3			10/29/18 19:24	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/29/18 19:24	1
Cumene	**1.0**		0.98	0.29	ug/m3			10/29/18 19:24	1

Client Sample ID: RSB-6-SV

Lab Sample ID: 200-45845-2

Date Collected: 10/19/18 10:45
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/29/18 19:24	1
n-Propylbenzene	**2.6**		0.98	0.34	ug/m3			10/29/18 19:24	1
4-Ethyltoluene	**3.2**		0.98	0.34	ug/m3			10/29/18 19:24	1
1,3,5-Trimethylbenzene	**3.2**		0.98	0.29	ug/m3			10/29/18 19:24	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/29/18 19:24	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/29/18 19:24	1
1,2,4-Trimethylbenzene	**11**		0.98	0.39	ug/m3			10/29/18 19:24	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/29/18 19:24	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/29/18 19:24	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/29/18 19:24	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/29/18 19:24	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/29/18 19:24	1
n-Butylbenzene	1.1	U	1.1	0.44	ug/m3			10/29/18 19:24	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/29/18 19:24	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/29/18 19:24	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/29/18 19:24	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/29/18 19:24	1

Client Sample ID: RSB-3-SV

Lab Sample ID: 200-45845-3

Date Collected: 10/19/18 10:57
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.4**		0.50	0.20	ppb v/v			10/29/18 20:16	1
Freon 22	**2.5**		0.50	0.26	ppb v/v			10/29/18 20:16	1
1,2-Dichlorotetrafluoroethane	**0.098**	**J**	0.20	0.068	ppb v/v			10/29/18 20:16	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/29/18 20:16	1
n-Butane	**4.8**		0.50	0.31	ppb v/v			10/29/18 20:16	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/29/18 20:16	1
1,3-Butadiene	**0.35**		0.20	0.065	ppb v/v			10/29/18 20:16	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/29/18 20:16	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/29/18 20:16	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/29/18 20:16	1
Trichlorofluoromethane	**0.51**		0.20	0.062	ppb v/v			10/29/18 20:16	1
Freon TF	0.20	U	0.20	0.031	ppb v/v			10/29/18 20:16	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/29/18 20:16	1
Acetone	**62**	**E**	5.0	2.6	ppb v/v			10/29/18 20:16	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/29/18 20:16	1
Carbon disulfide	**2.0**		0.50	0.12	ppb v/v			10/29/18 20:16	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/29/18 20:16	1
Methylene Chloride	0.50	U	0.50	0.20	ppb v/v			10/29/18 20:16	1
tert-Butyl alcohol	5.0	U	5.0	1.5	ppb v/v			10/29/18 20:16	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/29/18 20:16	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/29/18 20:16	1
n-Hexane	**0.18**	**J**	0.20	0.16	ppb v/v			10/29/18 20:16	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/29/18 20:16	1
Methyl Ethyl Ketone	**1.0**		0.50	0.20	ppb v/v			10/29/18 20:16	1

Client Sample ID: RSB-3-SV

Lab Sample ID: 200-45845-3

Date Collected: 10/19/18 10:57

Matrix: Air

Date Received: 10/23/18 09:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.20**		0.035	0.037	ppb v/v			10/29/18 20:16	1
1,2-Dichloroethene, Total	**0.20**	**J**	0.40	0.11	ppb v/v			10/29/18 20:16	1
Chloroform	**0.97**		0.20	0.052	ppb v/v			10/29/18 20:16	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/29/18 20:16	1
1,1,1-Trichloroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 20:16	1
Cyclohexane	**0.12**	**J**	0.20	0.063	ppb v/v			10/29/18 20:16	1
Carbon tetrachloride	0.035	U	0.035	0.024	ppb v/v			10/29/18 20:16	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.088	ppb v/v			10/29/18 20:16	1
Benzene	0.20	U	0.20	0.071	ppb v/v			10/29/18 20:16	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/29/18 20:16	1
n-Heptane	0.20	U	0.20	0.14	ppb v/v			10/29/18 20:16	1
Trichloroethene	**0.26**		0.035	0.030	ppb v/v			10/29/18 20:16	1
Methyl methacrylate	0.50	U *	0.50	0.22	ppb v/v			10/29/18 20:16	1
1,2-Dichloropropane	0.20	U *	0.20	0.12	ppb v/v			10/29/18 20:16	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/29/18 20:16	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/29/18 20:16	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/29/18 20:16	1
methyl isobutyl ketone	0.50	U	0.50	0.36	ppb v/v			10/29/18 20:16	1
Toluene	0.20	U	0.20	0.069	ppb v/v			10/29/18 20:16	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/29/18 20:16	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/29/18 20:16	1
Tetrachloroethene	**0.10**	**J**	0.20	0.029	ppb v/v			10/29/18 20:16	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.42	ppb v/v			10/29/18 20:16	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/29/18 20:16	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/29/18 20:16	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/29/18 20:16	1
Ethylbenzene	0.20	U	0.20	0.073	ppb v/v			10/29/18 20:16	1
m,p-Xylene	0.50	U	0.50	0.070	ppb v/v			10/29/18 20:16	1
Xylene, o-	0.20	U	0.20	0.071	ppb v/v			10/29/18 20:16	1
Xylene (total)	0.70	U	0.70	0.14	ppb v/v			10/29/18 20:16	1
Styrene	0.20	U	0.20	0.086	ppb v/v			10/29/18 20:16	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/29/18 20:16	1
Cumene	0.20	U	0.20	0.059	ppb v/v			10/29/18 20:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/29/18 20:16	1
n-Propylbenzene	0.20	U	0.20	0.069	ppb v/v			10/29/18 20:16	1
4-Ethyltoluene	0.20	U	0.20	0.069	ppb v/v			10/29/18 20:16	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.058	ppb v/v			10/29/18 20:16	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/29/18 20:16	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/29/18 20:16	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/29/18 20:16	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/29/18 20:16	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/29/18 20:16	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/29/18 20:16	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/29/18 20:16	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/29/18 20:16	1
n-Butylbenzene	0.20	U	0.20	0.080	ppb v/v			10/29/18 20:16	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/29/18 20:16	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/29/18 20:16	1

Client Sample ID: RSB-3-SV

Lab Sample ID: 200-45845-3

Date Collected: 10/19/18 10:57
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/29/18 20:16	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/29/18 20:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**6.8**		2.5	0.99	ug/m3			10/29/18 20:16	1
Freon 22	**9.0**		1.8	0.92	ug/m3			10/29/18 20:16	1
1,2-Dichlorotetrafluoroethane	**0.68**	**J**	1.4	0.48	ug/m3			10/29/18 20:16	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/29/18 20:16	1
n-Butane	**11**		1.2	0.74	ug/m3			10/29/18 20:16	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/29/18 20:16	1
1,3-Butadiene	**0.77**		0.44	0.14	ug/m3			10/29/18 20:16	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/29/18 20:16	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/29/18 20:16	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/29/18 20:16	1
Trichlorofluoromethane	**2.9**		1.1	0.35	ug/m3			10/29/18 20:16	1
Freon TF	1.5	U	1.5	0.24	ug/m3			10/29/18 20:16	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/29/18 20:16	1
Acetone	**150**	**E**	12	6.2	ug/m3			10/29/18 20:16	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/29/18 20:16	1
Carbon disulfide	**6.3**		1.6	0.37	ug/m3			10/29/18 20:16	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/29/18 20:16	1
Methylene Chloride	1.7	U	1.7	0.69	ug/m3			10/29/18 20:16	1
tert-Butyl alcohol	15	U	15	4.5	ug/m3			10/29/18 20:16	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/29/18 20:16	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/29/18 20:16	1
n-Hexane	**0.63**	**J**	0.70	0.56	ug/m3			10/29/18 20:16	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/29/18 20:16	1
Methyl Ethyl Ketone	**3.0**		1.5	0.59	ug/m3			10/29/18 20:16	1
cis-1,2-Dichloroethene	**0.79**		0.14	0.15	ug/m3			10/29/18 20:16	1
1,2-Dichloroethene, Total	**0.79**	**J**	1.6	0.44	ug/m3			10/29/18 20:16	1
Chloroform	**4.7**		0.98	0.25	ug/m3			10/29/18 20:16	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/29/18 20:16	1
1,1,1-Trichloroethane	1.1	U	1.1	0.37	ug/m3			10/29/18 20:16	1
Cyclohexane	**0.40**	**J**	0.69	0.22	ug/m3			10/29/18 20:16	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			10/29/18 20:16	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.41	ug/m3			10/29/18 20:16	1
Benzene	0.64	U	0.64	0.23	ug/m3			10/29/18 20:16	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/29/18 20:16	1
n-Heptane	0.82	U	0.82	0.57	ug/m3			10/29/18 20:16	1
Trichloroethene	**1.4**		0.19	0.16	ug/m3			10/29/18 20:16	1
Methyl methacrylate	2.0	U *	2.0	0.90	ug/m3			10/29/18 20:16	1
1,2-Dichloropropane	0.92	U *	0.92	0.55	ug/m3			10/29/18 20:16	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/29/18 20:16	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/29/18 20:16	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/29/18 20:16	1
methyl isobutyl ketone	2.0	U	2.0	1.5	ug/m3			10/29/18 20:16	1
Toluene	0.75	U	0.75	0.26	ug/m3			10/29/18 20:16	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/29/18 20:16	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/29/18 20:16	1

Client Sample ID: RSB-3-SV

Lab Sample ID: 200-45845-3

Date Collected: 10/19/18 10:57
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.69**	**J**	1.4	0.20	ug/m3			10/29/18 20:16	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	1.7	ug/m3			10/29/18 20:16	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/29/18 20:16	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/29/18 20:16	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/29/18 20:16	1
Ethylbenzene	0.87	U	0.87	0.32	ug/m3			10/29/18 20:16	1
m,p-Xylene	2.2	U	2.2	0.30	ug/m3			10/29/18 20:16	1
Xylene, o-	0.87	U	0.87	0.31	ug/m3			10/29/18 20:16	1
Xylene (total)	3.0	U	3.0	0.61	ug/m3			10/29/18 20:16	1
Styrene	0.85	U	0.85	0.37	ug/m3			10/29/18 20:16	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/29/18 20:16	1
Cumene	0.98	U	0.98	0.29	ug/m3			10/29/18 20:16	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/29/18 20:16	1
n-Propylbenzene	0.98	U	0.98	0.34	ug/m3			10/29/18 20:16	1
4-Ethyltoluene	0.98	U	0.98	0.34	ug/m3			10/29/18 20:16	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.29	ug/m3			10/29/18 20:16	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/29/18 20:16	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/29/18 20:16	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/29/18 20:16	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/29/18 20:16	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/29/18 20:16	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/29/18 20:16	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/29/18 20:16	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/29/18 20:16	1
n-Butylbenzene	1.1	U	1.1	0.44	ug/m3			10/29/18 20:16	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/29/18 20:16	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/29/18 20:16	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/29/18 20:16	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/29/18 20:16	1

Client Sample ID: DUP-20181019

Lab Sample ID: 200-45845-4

Date Collected: 10/19/18 00:00
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.6**		0.50	0.20	ppb v/v			10/29/18 21:08	1
Freon 22	**2.8**		0.50	0.26	ppb v/v			10/29/18 21:08	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.068	ppb v/v			10/29/18 21:08	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/29/18 21:08	1
n-Butane	**6.1**		0.50	0.31	ppb v/v			10/29/18 21:08	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/29/18 21:08	1
1,3-Butadiene	**0.72**		0.20	0.065	ppb v/v			10/29/18 21:08	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/29/18 21:08	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/29/18 21:08	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/29/18 21:08	1
Trichlorofluoromethane	**0.68**		0.20	0.062	ppb v/v			10/29/18 21:08	1
Freon TF	0.20	U	0.20	0.031	ppb v/v			10/29/18 21:08	1

Client Sample ID: DUP-20181019

Lab Sample ID: 200-45845-4

Date Collected: 10/19/18 00:00
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/29/18 21:08	1
Acetone	**130**	**E**	5.0	2.6	ppb v/v			10/29/18 21:08	1
Isopropyl alcohol	**2.3**	**J**	5.0	1.8	ppb v/v			10/29/18 21:08	1
Carbon disulfide	**2.5**		0.50	0.12	ppb v/v			10/29/18 21:08	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/29/18 21:08	1
Methylene Chloride	**0.21**	**J**	0.50	0.20	ppb v/v			10/29/18 21:08	1
tert-Butyl alcohol	**2.6**	**J**	5.0	1.5	ppb v/v			10/29/18 21:08	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/29/18 21:08	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/29/18 21:08	1
n-Hexane	**2.0**		0.20	0.16	ppb v/v			10/29/18 21:08	1
1,1-Dichloroethane	**0.080**	**J**	0.20	0.026	ppb v/v			10/29/18 21:08	1
Methyl Ethyl Ketone	**6.8**		0.50	0.20	ppb v/v			10/29/18 21:08	1
cis-1,2-Dichloroethene	**0.40**		0.035	0.037	ppb v/v			10/29/18 21:08	1
1,2-Dichloroethene, Total	**0.40**		0.40	0.11	ppb v/v			10/29/18 21:08	1
Chloroform	**2.3**		0.20	0.052	ppb v/v			10/29/18 21:08	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/29/18 21:08	1
1,1,1-Trichloroethane	**0.15**	**J**	0.20	0.068	ppb v/v			10/29/18 21:08	1
Cyclohexane	**0.60**		0.20	0.063	ppb v/v			10/29/18 21:08	1
Carbon tetrachloride	**0.038**		0.035	0.024	ppb v/v			10/29/18 21:08	1
2,2,4-Trimethylpentane	**1.4**		0.20	0.088	ppb v/v			10/29/18 21:08	1
Benzene	**1.0**		0.20	0.071	ppb v/v			10/29/18 21:08	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/29/18 21:08	1
n-Heptane	**2.0**		0.20	0.14	ppb v/v			10/29/18 21:08	1
Trichloroethene	**3.2**		0.035	0.030	ppb v/v			10/29/18 21:08	1
Methyl methacrylate	0.50	U *	0.50	0.22	ppb v/v			10/29/18 21:08	1
1,2-Dichloropropane	0.20	U *	0.20	0.12	ppb v/v			10/29/18 21:08	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/29/18 21:08	1
Bromodichloromethane	**0.19**	**J**	0.20	0.094	ppb v/v			10/29/18 21:08	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/29/18 21:08	1
methyl isobutyl ketone	**0.39**	**J**	0.50	0.36	ppb v/v			10/29/18 21:08	1
Toluene	**10**		0.20	0.069	ppb v/v			10/29/18 21:08	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/29/18 21:08	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/29/18 21:08	1
Tetrachloroethene	**11**		0.20	0.029	ppb v/v			10/29/18 21:08	1
Methyl Butyl Ketone (2-Hexanone)	**0.85**		0.50	0.42	ppb v/v			10/29/18 21:08	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/29/18 21:08	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/29/18 21:08	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/29/18 21:08	1
Ethylbenzene	**3.2**		0.20	0.073	ppb v/v			10/29/18 21:08	1
m,p-Xylene	**9.2**		0.50	0.070	ppb v/v			10/29/18 21:08	1
Xylene, o-	**3.4**		0.20	0.071	ppb v/v			10/29/18 21:08	1
Xylene (total)	**13**		0.70	0.14	ppb v/v			10/29/18 21:08	1
Styrene	**0.25**		0.20	0.086	ppb v/v			10/29/18 21:08	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/29/18 21:08	1
Cumene	**0.20**		0.20	0.059	ppb v/v			10/29/18 21:08	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/29/18 21:08	1
n-Propylbenzene	**0.53**		0.20	0.069	ppb v/v			10/29/18 21:08	1
4-Ethyltoluene	**0.66**		0.20	0.069	ppb v/v			10/29/18 21:08	1

Client Sample ID: DUP-20181019

Lab Sample ID: 200-45845-4

Date Collected: 10/19/18 00:00
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**0.70**		0.20	0.058	ppb v/v			10/29/18 21:08	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/29/18 21:08	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/29/18 21:08	1
1,2,4-Trimethylbenzene	**2.6**		0.20	0.080	ppb v/v			10/29/18 21:08	1
sec-Butylbenzene	**0.089**	**J**	0.20	0.066	ppb v/v			10/29/18 21:08	1
4-Isopropyltoluene	**0.11**	**J**	0.20	0.075	ppb v/v			10/29/18 21:08	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/29/18 21:08	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/29/18 21:08	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/29/18 21:08	1
n-Butylbenzene	**0.19**	**J**	0.20	0.080	ppb v/v			10/29/18 21:08	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/29/18 21:08	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/29/18 21:08	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/29/18 21:08	1
Naphthalene	**0.71**		0.50	0.31	ppb v/v			10/29/18 21:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**8.1**		2.5	0.99	ug/m3			10/29/18 21:08	1
Freon 22	**10**		1.8	0.92	ug/m3			10/29/18 21:08	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.48	ug/m3			10/29/18 21:08	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/29/18 21:08	1
n-Butane	**15**		1.2	0.74	ug/m3			10/29/18 21:08	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/29/18 21:08	1
1,3-Butadiene	**1.6**		0.44	0.14	ug/m3			10/29/18 21:08	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/29/18 21:08	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/29/18 21:08	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/29/18 21:08	1
Trichlorofluoromethane	**3.8**		1.1	0.35	ug/m3			10/29/18 21:08	1
Freon TF	1.5	U	1.5	0.24	ug/m3			10/29/18 21:08	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/29/18 21:08	1
Acetone	**310**	**E**	12	6.2	ug/m3			10/29/18 21:08	1
Isopropyl alcohol	**5.7**	**J**	12	4.4	ug/m3			10/29/18 21:08	1
Carbon disulfide	**7.9**		1.6	0.37	ug/m3			10/29/18 21:08	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/29/18 21:08	1
Methylene Chloride	**0.72**	**J**	1.7	0.69	ug/m3			10/29/18 21:08	1
tert-Butyl alcohol	**8.0**	**J**	15	4.5	ug/m3			10/29/18 21:08	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/29/18 21:08	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/29/18 21:08	1
n-Hexane	**7.0**		0.70	0.56	ug/m3			10/29/18 21:08	1
1,1-Dichloroethane	**0.33**	**J**	0.81	0.11	ug/m3			10/29/18 21:08	1
Methyl Ethyl Ketone	**20**		1.5	0.59	ug/m3			10/29/18 21:08	1
cis-1,2-Dichloroethene	**1.6**		0.14	0.15	ug/m3			10/29/18 21:08	1
1,2-Dichloroethene, Total	**1.6**		1.6	0.44	ug/m3			10/29/18 21:08	1
Chloroform	**11**		0.98	0.25	ug/m3			10/29/18 21:08	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/29/18 21:08	1
1,1,1-Trichloroethane	**0.81**	**J**	1.1	0.37	ug/m3			10/29/18 21:08	1
Cyclohexane	**2.1**		0.69	0.22	ug/m3			10/29/18 21:08	1
Carbon tetrachloride	**0.24**		0.22	0.15	ug/m3			10/29/18 21:08	1
2,2,4-Trimethylpentane	**6.3**		0.93	0.41	ug/m3			10/29/18 21:08	1
Benzene	**3.3**		0.64	0.23	ug/m3			10/29/18 21:08	1

Client Sample ID: DUP-20181019

Lab Sample ID: 200-45845-4

Date Collected: 10/19/18 00:00
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/29/18 21:08	1
n-Heptane	**8.4**		0.82	0.57	ug/m3			10/29/18 21:08	1
Trichloroethene	**17**		0.19	0.16	ug/m3			10/29/18 21:08	1
Methyl methacrylate	2.0	U *	2.0	0.90	ug/m3			10/29/18 21:08	1
1,2-Dichloropropane	0.92	U *	0.92	0.55	ug/m3			10/29/18 21:08	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/29/18 21:08	1
Bromodichloromethane	**1.2**	**J**	1.3	0.63	ug/m3			10/29/18 21:08	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/29/18 21:08	1
methyl isobutyl ketone	**1.6**	**J**	2.0	1.5	ug/m3			10/29/18 21:08	1
Toluene	**39**		0.75	0.26	ug/m3			10/29/18 21:08	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/29/18 21:08	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/29/18 21:08	1
Tetrachloroethene	**74**		1.4	0.20	ug/m3			10/29/18 21:08	1
Methyl Butyl Ketone (2-Hexanone)	**3.5**		2.0	1.7	ug/m3			10/29/18 21:08	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/29/18 21:08	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/29/18 21:08	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/29/18 21:08	1
Ethylbenzene	**14**		0.87	0.32	ug/m3			10/29/18 21:08	1
m,p-Xylene	**40**		2.2	0.30	ug/m3			10/29/18 21:08	1
Xylene, o-	**15**		0.87	0.31	ug/m3			10/29/18 21:08	1
Xylene (total)	**55**		3.0	0.61	ug/m3			10/29/18 21:08	1
Styrene	**1.1**		0.85	0.37	ug/m3			10/29/18 21:08	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/29/18 21:08	1
Cumene	**0.97**		0.98	0.29	ug/m3			10/29/18 21:08	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/29/18 21:08	1
n-Propylbenzene	**2.6**		0.98	0.34	ug/m3			10/29/18 21:08	1
4-Ethyltoluene	**3.3**		0.98	0.34	ug/m3			10/29/18 21:08	1
1,3,5-Trimethylbenzene	**3.4**		0.98	0.29	ug/m3			10/29/18 21:08	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/29/18 21:08	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/29/18 21:08	1
1,2,4-Trimethylbenzene	**13**		0.98	0.39	ug/m3			10/29/18 21:08	1
sec-Butylbenzene	**0.49**	**J**	1.1	0.36	ug/m3			10/29/18 21:08	1
4-Isopropyltoluene	**0.59**	**J**	1.1	0.41	ug/m3			10/29/18 21:08	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/29/18 21:08	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/29/18 21:08	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/29/18 21:08	1
n-Butylbenzene	**1.0**	**J**	1.1	0.44	ug/m3			10/29/18 21:08	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/29/18 21:08	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/29/18 21:08	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/29/18 21:08	1
Naphthalene	**3.7**		2.6	1.6	ug/m3			10/29/18 21:08	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Columbia International

TestAmerica Job ID: 200-45845-1
SDG: 200-45845-1

Client Sample ID: RSB-2-SV

Date Collected: 10/19/18 11:17
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-5

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**4.5**		0.50	0.20	ppb v/v			10/31/18 02:36	1
Freon 22	**0.95**		0.50	0.26	ppb v/v			10/31/18 02:36	1
1,2-Dichlorotetrafluoroethane	**0.12**	**J**	0.20	0.068	ppb v/v			10/31/18 02:36	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/31/18 02:36	1
n-Butane	**3.2**		0.50	0.31	ppb v/v			10/31/18 02:36	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/31/18 02:36	1
1,3-Butadiene	0.20	U	0.20	0.065	ppb v/v			10/31/18 02:36	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/31/18 02:36	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/31/18 02:36	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/31/18 02:36	1
Trichlorofluoromethane	**0.83**		0.20	0.062	ppb v/v			10/31/18 02:36	1
Freon TF	**0.066**	**J**	0.20	0.031	ppb v/v			10/31/18 02:36	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/31/18 02:36	1
Acetone	**37**		5.0	2.6	ppb v/v			10/31/18 02:36	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/31/18 02:36	1
Carbon disulfide	**0.28**	**J**	0.50	0.12	ppb v/v			10/31/18 02:36	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/31/18 02:36	1
Methylene Chloride	0.50	U	0.50	0.20	ppb v/v			10/31/18 02:36	1
tert-Butyl alcohol	**2.9**	**J**	5.0	1.5	ppb v/v			10/31/18 02:36	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/31/18 02:36	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/31/18 02:36	1
n-Hexane	**4.7**		0.20	0.16	ppb v/v			10/31/18 02:36	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/31/18 02:36	1
Methyl Ethyl Ketone	**3.3**		0.50	0.20	ppb v/v			10/31/18 02:36	1
cis-1,2-Dichloroethene	0.035	U	0.035	0.037	ppb v/v			10/31/18 02:36	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.11	ppb v/v			10/31/18 02:36	1
Chloroform	**0.62**		0.20	0.052	ppb v/v			10/31/18 02:36	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/31/18 02:36	1
1,1,1-Trichloroethane	**0.15**	**J**	0.20	0.068	ppb v/v			10/31/18 02:36	1
Cyclohexane	**1.2**		0.20	0.063	ppb v/v			10/31/18 02:36	1
Carbon tetrachloride	**0.028**	**J**	0.035	0.024	ppb v/v			10/31/18 02:36	1
2,2,4-Trimethylpentane	**2.3**		0.20	0.088	ppb v/v			10/31/18 02:36	1
Benzene	**2.1**		0.20	0.071	ppb v/v			10/31/18 02:36	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/31/18 02:36	1
n-Heptane	**4.8**		0.20	0.14	ppb v/v			10/31/18 02:36	1
Trichloroethene	**0.092**		0.035	0.030	ppb v/v			10/31/18 02:36	1
Methyl methacrylate	0.50	U	0.50	0.22	ppb v/v			10/31/18 02:36	1
1,2-Dichloropropane	0.20	U	0.20	0.12	ppb v/v			10/31/18 02:36	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/31/18 02:36	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/31/18 02:36	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/31/18 02:36	1
methyl isobutyl ketone	**0.63**		0.50	0.36	ppb v/v			10/31/18 02:36	1
Toluene	**17**		0.20	0.069	ppb v/v			10/31/18 02:36	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/31/18 02:36	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/31/18 02:36	1
Tetrachloroethene	**2.8**		0.20	0.029	ppb v/v			10/31/18 02:36	1
Methyl Butyl Ketone (2-Hexanone)	**1.1**		0.50	0.42	ppb v/v			10/31/18 02:36	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/31/18 02:36	1

Client Sample ID: RSB-2-SV

Date Collected: 10/19/18 11:17
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-5

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/31/18 02:36	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/31/18 02:36	1
Ethylbenzene	**4.2**		0.20	0.073	ppb v/v			10/31/18 02:36	1
m,p-Xylene	**11**		0.50	0.070	ppb v/v			10/31/18 02:36	1
Xylene, o-	**4.0**		0.20	0.071	ppb v/v			10/31/18 02:36	1
Xylene (total)	**15**		0.70	0.14	ppb v/v			10/31/18 02:36	1
Styrene	**0.13**	**J**	0.20	0.086	ppb v/v			10/31/18 02:36	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/31/18 02:36	1
Cumene	**0.22**		0.20	0.059	ppb v/v			10/31/18 02:36	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/31/18 02:36	1
n-Propylbenzene	**0.61**		0.20	0.069	ppb v/v			10/31/18 02:36	1
4-Ethyltoluene	**0.86**		0.20	0.069	ppb v/v			10/31/18 02:36	1
1,3,5-Trimethylbenzene	**0.81**		0.20	0.058	ppb v/v			10/31/18 02:36	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/31/18 02:36	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/31/18 02:36	1
1,2,4-Trimethylbenzene	**2.5**		0.20	0.080	ppb v/v			10/31/18 02:36	1
sec-Butylbenzene	**0.090**	**J**	0.20	0.066	ppb v/v			10/31/18 02:36	1
4-Isopropyltoluene	**0.076**	**J**	0.20	0.075	ppb v/v			10/31/18 02:36	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/31/18 02:36	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/31/18 02:36	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/31/18 02:36	1
n-Butylbenzene	**0.28**		0.20	0.080	ppb v/v			10/31/18 02:36	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/31/18 02:36	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/31/18 02:36	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/31/18 02:36	1
Naphthalene	**0.91**		0.50	0.31	ppb v/v			10/31/18 02:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**22**		2.5	0.99	ug/m3			10/31/18 02:36	1
Freon 22	**3.4**		1.8	0.92	ug/m3			10/31/18 02:36	1
1,2-Dichlorotetrafluoroethane	**0.83**	**J**	1.4	0.48	ug/m3			10/31/18 02:36	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/31/18 02:36	1
n-Butane	**7.6**		1.2	0.74	ug/m3			10/31/18 02:36	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/31/18 02:36	1
1,3-Butadiene	0.44	U	0.44	0.14	ug/m3			10/31/18 02:36	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/31/18 02:36	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/31/18 02:36	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/31/18 02:36	1
Trichlorofluoromethane	**4.7**		1.1	0.35	ug/m3			10/31/18 02:36	1
Freon TF	**0.50**	**J**	1.5	0.24	ug/m3			10/31/18 02:36	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/31/18 02:36	1
Acetone	**88**		12	6.2	ug/m3			10/31/18 02:36	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/31/18 02:36	1
Carbon disulfide	**0.87**	**J**	1.6	0.37	ug/m3			10/31/18 02:36	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/31/18 02:36	1
Methylene Chloride	1.7	U	1.7	0.69	ug/m3			10/31/18 02:36	1
tert-Butyl alcohol	**8.9**	**J**	15	4.5	ug/m3			10/31/18 02:36	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/31/18 02:36	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/31/18 02:36	1

Client Sample ID: RSB-2-SV

Lab Sample ID: 200-45845-5

Date Collected: 10/19/18 11:17
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	**16**		0.70	0.56	ug/m3			10/31/18 02:36	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/31/18 02:36	1
Methyl Ethyl Ketone	**9.7**		1.5	0.59	ug/m3			10/31/18 02:36	1
cis-1,2-Dichloroethene	0.14	U	0.14	0.15	ug/m3			10/31/18 02:36	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.44	ug/m3			10/31/18 02:36	1
Chloroform	**3.0**		0.98	0.25	ug/m3			10/31/18 02:36	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/31/18 02:36	1
1,1,1-Trichloroethane	**0.81**	**J**	1.1	0.37	ug/m3			10/31/18 02:36	1
Cyclohexane	**4.1**		0.69	0.22	ug/m3			10/31/18 02:36	1
Carbon tetrachloride	**0.17**	**J**	0.22	0.15	ug/m3			10/31/18 02:36	1
2,2,4-Trimethylpentane	**11**		0.93	0.41	ug/m3			10/31/18 02:36	1
Benzene	**6.7**		0.64	0.23	ug/m3			10/31/18 02:36	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/31/18 02:36	1
n-Heptane	**20**		0.82	0.57	ug/m3			10/31/18 02:36	1
Trichloroethene	**0.49**		0.19	0.16	ug/m3			10/31/18 02:36	1
Methyl methacrylate	2.0	U	2.0	0.90	ug/m3			10/31/18 02:36	1
1,2-Dichloropropane	0.92	U	0.92	0.55	ug/m3			10/31/18 02:36	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/31/18 02:36	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/31/18 02:36	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/31/18 02:36	1
methyl isobutyl ketone	**2.6**		2.0	1.5	ug/m3			10/31/18 02:36	1
Toluene	**63**		0.75	0.26	ug/m3			10/31/18 02:36	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/31/18 02:36	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/31/18 02:36	1
Tetrachloroethene	**19**		1.4	0.20	ug/m3			10/31/18 02:36	1
Methyl Butyl Ketone (2-Hexanone)	**4.5**		2.0	1.7	ug/m3			10/31/18 02:36	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/31/18 02:36	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/31/18 02:36	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/31/18 02:36	1
Ethylbenzene	**18**		0.87	0.32	ug/m3			10/31/18 02:36	1
m,p-Xylene	**50**		2.2	0.30	ug/m3			10/31/18 02:36	1
Xylene, o-	**17**		0.87	0.31	ug/m3			10/31/18 02:36	1
Xylene (total)	**65**		3.0	0.61	ug/m3			10/31/18 02:36	1
Styrene	**0.56**	**J**	0.85	0.37	ug/m3			10/31/18 02:36	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/31/18 02:36	1
Cumene	**1.1**		0.98	0.29	ug/m3			10/31/18 02:36	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/31/18 02:36	1
n-Propylbenzene	**3.0**		0.98	0.34	ug/m3			10/31/18 02:36	1
4-Ethyltoluene	**4.2**		0.98	0.34	ug/m3			10/31/18 02:36	1
1,3,5-Trimethylbenzene	**4.0**		0.98	0.29	ug/m3			10/31/18 02:36	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/31/18 02:36	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/31/18 02:36	1
1,2,4-Trimethylbenzene	**12**		0.98	0.39	ug/m3			10/31/18 02:36	1
sec-Butylbenzene	**0.50**	**J**	1.1	0.36	ug/m3			10/31/18 02:36	1
4-Isopropyltoluene	**0.42**	**J**	1.1	0.41	ug/m3			10/31/18 02:36	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/31/18 02:36	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/31/18 02:36	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/31/18 02:36	1

Client Sample ID: RSB-2-SV

Lab Sample ID: 200-45845-5

Date Collected: 10/19/18 11:17
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	**1.5**		1.1	0.44	ug/m3			10/31/18 02:36	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/31/18 02:36	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/31/18 02:36	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/31/18 02:36	1
Naphthalene	**4.8**		2.6	1.6	ug/m3			10/31/18 02:36	1

Client Sample ID: RSB-5-SV

Lab Sample ID: 200-45845-6

Date Collected: 10/19/18 11:12
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.5**		0.50	0.20	ppb v/v			10/30/18 07:42	1
Freon 22	**2.6**		0.50	0.26	ppb v/v			10/30/18 07:42	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.068	ppb v/v			10/30/18 07:42	1
Chloromethane	0.50	U	0.50	0.25	ppb v/v			10/30/18 07:42	1
n-Butane	**80**	**E**	0.50	0.31	ppb v/v			10/30/18 07:42	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/30/18 07:42	1
1,3-Butadiene	**2.5**		0.20	0.065	ppb v/v			10/30/18 07:42	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/30/18 07:42	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/30/18 07:42	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/30/18 07:42	1
Trichlorofluoromethane	**0.76**		0.20	0.062	ppb v/v			10/30/18 07:42	1
Freon TF	**0.074**	**J**	0.20	0.031	ppb v/v			10/30/18 07:42	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/30/18 07:42	1
Acetone	**180**	**E**	5.0	2.6	ppb v/v			10/30/18 07:42	1
Isopropyl alcohol	**2.0**	**J**	5.0	1.8	ppb v/v			10/30/18 07:42	1
Carbon disulfide	**2.0**		0.50	0.12	ppb v/v			10/30/18 07:42	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/30/18 07:42	1
Methylene Chloride	**0.36**	**J**	0.50	0.20	ppb v/v			10/30/18 07:42	1
tert-Butyl alcohol	**2.4**	**J**	5.0	1.5	ppb v/v			10/30/18 07:42	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/30/18 07:42	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/30/18 07:42	1
n-Hexane	**5.5**		0.20	0.16	ppb v/v			10/30/18 07:42	1
1,1-Dichloroethane	**0.11**	**J**	0.20	0.026	ppb v/v			10/30/18 07:42	1
Methyl Ethyl Ketone	**8.0**		0.50	0.20	ppb v/v			10/30/18 07:42	1
cis-1,2-Dichloroethene	**0.39**		0.035	0.037	ppb v/v			10/30/18 07:42	1
1,2-Dichloroethene, Total	**0.39**	**J**	0.40	0.11	ppb v/v			10/30/18 07:42	1
Chloroform	**1.1**		0.20	0.052	ppb v/v			10/30/18 07:42	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/30/18 07:42	1
1,1,1-Trichloroethane	**0.32**		0.20	0.068	ppb v/v			10/30/18 07:42	1
Cyclohexane	**1.3**		0.20	0.063	ppb v/v			10/30/18 07:42	1
Carbon tetrachloride	**0.053**		0.035	0.024	ppb v/v			10/30/18 07:42	1
2,2,4-Trimethylpentane	**2.1**		0.20	0.088	ppb v/v			10/30/18 07:42	1
Benzene	**2.4**		0.20	0.071	ppb v/v			10/30/18 07:42	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/30/18 07:42	1
n-Heptane	**3.5**		0.20	0.14	ppb v/v			10/30/18 07:42	1
Trichloroethene	**1.8**		0.035	0.030	ppb v/v			10/30/18 07:42	1

Client Sample ID: RSB-5-SV

Lab Sample ID: 200-45845-6

Date Collected: 10/19/18 11:12
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U *	0.50	0.22	ppb v/v			10/30/18 07:42	1
1,2-Dichloropropane	0.20	U *	0.20	0.12	ppb v/v			10/30/18 07:42	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/30/18 07:42	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/30/18 07:42	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/30/18 07:42	1
methyl isobutyl ketone	**0.63**		0.50	0.36	ppb v/v			10/30/18 07:42	1
Toluene	**12**		0.20	0.069	ppb v/v			10/30/18 07:42	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/30/18 07:42	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/30/18 07:42	1
Tetrachloroethene	**2.4**		0.20	0.029	ppb v/v			10/30/18 07:42	1
Methyl Butyl Ketone (2-Hexanone)	**0.52**		0.50	0.42	ppb v/v			10/30/18 07:42	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/30/18 07:42	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/30/18 07:42	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/30/18 07:42	1
Ethylbenzene	**1.6**		0.20	0.073	ppb v/v			10/30/18 07:42	1
m,p-Xylene	**4.3**		0.50	0.070	ppb v/v			10/30/18 07:42	1
Xylene, o-	**1.3**		0.20	0.071	ppb v/v			10/30/18 07:42	1
Xylene (total)	**5.6**		0.70	0.14	ppb v/v			10/30/18 07:42	1
Styrene	0.20	U	0.20	0.086	ppb v/v			10/30/18 07:42	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/30/18 07:42	1
Cumene	**0.074**	**J**	0.20	0.059	ppb v/v			10/30/18 07:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/30/18 07:42	1
n-Propylbenzene	**0.14**	**J**	0.20	0.069	ppb v/v			10/30/18 07:42	1
4-Ethyltoluene	**0.16**	**J**	0.20	0.069	ppb v/v			10/30/18 07:42	1
1,3,5-Trimethylbenzene	**0.20**		0.20	0.058	ppb v/v			10/30/18 07:42	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/30/18 07:42	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/30/18 07:42	1
1,2,4-Trimethylbenzene	**0.65**		0.20	0.080	ppb v/v			10/30/18 07:42	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/30/18 07:42	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/30/18 07:42	1
1,3-Dichlorobenzene	**0.10**	**J**	0.20	0.082	ppb v/v			10/30/18 07:42	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/30/18 07:42	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/30/18 07:42	1
n-Butylbenzene	0.20	U	0.20	0.080	ppb v/v			10/30/18 07:42	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/30/18 07:42	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/30/18 07:42	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/30/18 07:42	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/30/18 07:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**17**		2.5	0.99	ug/m3			10/30/18 07:42	1
Freon 22	**9.0**		1.8	0.92	ug/m3			10/30/18 07:42	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.48	ug/m3			10/30/18 07:42	1
Chloromethane	1.0	U	1.0	0.52	ug/m3			10/30/18 07:42	1
n-Butane	**190**	**E**	1.2	0.74	ug/m3			10/30/18 07:42	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/30/18 07:42	1
1,3-Butadiene	**5.5**		0.44	0.14	ug/m3			10/30/18 07:42	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/30/18 07:42	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/30/18 07:42	1

Client Sample ID: RSB-5-SV

Lab Sample ID: 200-45845-6

Date Collected: 10/19/18 11:12
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/30/18 07:42	1
Trichlorofluoromethane	**4.2**		1.1	0.35	ug/m3			10/30/18 07:42	1
Freon TF	**0.57**	**J**	1.5	0.24	ug/m3			10/30/18 07:42	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/30/18 07:42	1
Acetone	**420**	**E**	12	6.2	ug/m3			10/30/18 07:42	1
Isopropyl alcohol	**4.9**	**J**	12	4.4	ug/m3			10/30/18 07:42	1
Carbon disulfide	**6.1**		1.6	0.37	ug/m3			10/30/18 07:42	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/30/18 07:42	1
Methylene Chloride	**1.2**	**J**	1.7	0.69	ug/m3			10/30/18 07:42	1
tert-Butyl alcohol	**7.2**	**J**	15	4.5	ug/m3			10/30/18 07:42	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/30/18 07:42	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/30/18 07:42	1
n-Hexane	**19**		0.70	0.56	ug/m3			10/30/18 07:42	1
1,1-Dichloroethane	**0.44**	**J**	0.81	0.11	ug/m3			10/30/18 07:42	1
Methyl Ethyl Ketone	**24**		1.5	0.59	ug/m3			10/30/18 07:42	1
cis-1,2-Dichloroethene	**1.5**		0.14	0.15	ug/m3			10/30/18 07:42	1
1,2-Dichloroethene, Total	**1.5**	**J**	1.6	0.44	ug/m3			10/30/18 07:42	1
Chloroform	**5.6**		0.98	0.25	ug/m3			10/30/18 07:42	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/30/18 07:42	1
1,1,1-Trichloroethane	**1.7**		1.1	0.37	ug/m3			10/30/18 07:42	1
Cyclohexane	**4.6**		0.69	0.22	ug/m3			10/30/18 07:42	1
Carbon tetrachloride	**0.33**		0.22	0.15	ug/m3			10/30/18 07:42	1
2,2,4-Trimethylpentane	**9.9**		0.93	0.41	ug/m3			10/30/18 07:42	1
Benzene	**7.6**		0.64	0.23	ug/m3			10/30/18 07:42	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/30/18 07:42	1
n-Heptane	**14**		0.82	0.57	ug/m3			10/30/18 07:42	1
Trichloroethene	**9.8**		0.19	0.16	ug/m3			10/30/18 07:42	1
Methyl methacrylate	2.0	U *	2.0	0.90	ug/m3			10/30/18 07:42	1
1,2-Dichloropropane	0.92	U *	0.92	0.55	ug/m3			10/30/18 07:42	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/30/18 07:42	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/30/18 07:42	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/30/18 07:42	1
methyl isobutyl ketone	**2.6**		2.0	1.5	ug/m3			10/30/18 07:42	1
Toluene	**45**		0.75	0.26	ug/m3			10/30/18 07:42	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/30/18 07:42	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/30/18 07:42	1
Tetrachloroethene	**17**		1.4	0.20	ug/m3			10/30/18 07:42	1
Methyl Butyl Ketone (2-Hexanone)	**2.1**		2.0	1.7	ug/m3			10/30/18 07:42	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/30/18 07:42	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/30/18 07:42	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/30/18 07:42	1
Ethylbenzene	**7.1**		0.87	0.32	ug/m3			10/30/18 07:42	1
m,p-Xylene	**19**		2.2	0.30	ug/m3			10/30/18 07:42	1
Xylene, o-	**5.7**		0.87	0.31	ug/m3			10/30/18 07:42	1
Xylene (total)	**24**		3.0	0.61	ug/m3			10/30/18 07:42	1
Styrene	0.85	U	0.85	0.37	ug/m3			10/30/18 07:42	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/30/18 07:42	1
Cumene	**0.37**	**J**	0.98	0.29	ug/m3			10/30/18 07:42	1

Client Sample ID: RSB-5-SV

Lab Sample ID: 200-45845-6

Date Collected: 10/19/18 11:12
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/30/18 07:42	1
n-Propylbenzene	**0.69**	**J**	0.98	0.34	ug/m3			10/30/18 07:42	1
4-Ethyltoluene	**0.81**	**J**	0.98	0.34	ug/m3			10/30/18 07:42	1
1,3,5-Trimethylbenzene	**1.0**		0.98	0.29	ug/m3			10/30/18 07:42	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/30/18 07:42	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/30/18 07:42	1
1,2,4-Trimethylbenzene	**3.2**		0.98	0.39	ug/m3			10/30/18 07:42	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/30/18 07:42	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/30/18 07:42	1
1,3-Dichlorobenzene	**0.61**	**J**	1.2	0.49	ug/m3			10/30/18 07:42	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/30/18 07:42	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/30/18 07:42	1
n-Butylbenzene	1.1	U	1.1	0.44	ug/m3			10/30/18 07:42	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/30/18 07:42	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/30/18 07:42	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/30/18 07:42	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/30/18 07:42	1

Client Sample ID: RSB-1-SV

Lab Sample ID: 200-45845-7

Date Collected: 10/19/18 11:26
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**		0.50	0.20	ppb v/v			10/31/18 00:56	1
Freon 22	**1.9**		0.50	0.26	ppb v/v			10/31/18 00:56	1
1,2-Dichlorotetrafluoroethane	**0.39**		0.20	0.068	ppb v/v			10/31/18 00:56	1
Chloromethane	**0.42**	**J**	0.50	0.25	ppb v/v			10/31/18 00:56	1
n-Butane	**63**	**E**	0.50	0.31	ppb v/v			10/31/18 00:56	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/31/18 00:56	1
1,3-Butadiene	**4.4**		0.20	0.065	ppb v/v			10/31/18 00:56	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/31/18 00:56	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/31/18 00:56	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/31/18 00:56	1
Trichlorofluoromethane	**0.61**		0.20	0.062	ppb v/v			10/31/18 00:56	1
Freon TF	**0.087**	**J**	0.20	0.031	ppb v/v			10/31/18 00:56	1
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/31/18 00:56	1
Acetone	**86**	**E**	5.0	2.6	ppb v/v			10/31/18 00:56	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/31/18 00:56	1
Carbon disulfide	**4.8**		0.50	0.12	ppb v/v			10/31/18 00:56	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/31/18 00:56	1
Methylene Chloride	**1.7**		0.50	0.20	ppb v/v			10/31/18 00:56	1
tert-Butyl alcohol	**15**		5.0	1.5	ppb v/v			10/31/18 00:56	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/31/18 00:56	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/31/18 00:56	1
n-Hexane	**13**		0.20	0.16	ppb v/v			10/31/18 00:56	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/31/18 00:56	1
Methyl Ethyl Ketone	**4.8**		0.50	0.20	ppb v/v			10/31/18 00:56	1

Client Sample ID: RSB-1-SV

Date Collected: 10/19/18 11:26
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-7

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.42**		0.035	0.037	ppb v/v			10/31/18 00:56	1
1,2-Dichloroethene, Total	**0.42**		0.40	0.11	ppb v/v			10/31/18 00:56	1
Chloroform	**130**	**E**	0.20	0.052	ppb v/v			10/31/18 00:56	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/31/18 00:56	1
1,1,1-Trichloroethane	**0.32**		0.20	0.068	ppb v/v			10/31/18 00:56	1
Cyclohexane	**5.6**		0.20	0.063	ppb v/v			10/31/18 00:56	1
Carbon tetrachloride	**0.20**		0.035	0.024	ppb v/v			10/31/18 00:56	1
2,2,4-Trimethylpentane	**2.1**		0.20	0.088	ppb v/v			10/31/18 00:56	1
Benzene	**4.4**		0.20	0.071	ppb v/v			10/31/18 00:56	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/31/18 00:56	1
n-Heptane	**13**		0.20	0.14	ppb v/v			10/31/18 00:56	1
Trichloroethene	**2.5**		0.035	0.030	ppb v/v			10/31/18 00:56	1
Methyl methacrylate	0.50	U	0.50	0.22	ppb v/v			10/31/18 00:56	1
1,2-Dichloropropane	0.20	U	0.20	0.12	ppb v/v			10/31/18 00:56	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/31/18 00:56	1
Bromodichloromethane	**1.7**		0.20	0.094	ppb v/v			10/31/18 00:56	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/31/18 00:56	1
methyl isobutyl ketone	0.50	U	0.50	0.36	ppb v/v			10/31/18 00:56	1
Toluene	**12**		0.20	0.069	ppb v/v			10/31/18 00:56	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/31/18 00:56	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/31/18 00:56	1
Tetrachloroethene	**1.1**		0.20	0.029	ppb v/v			10/31/18 00:56	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.42	ppb v/v			10/31/18 00:56	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/31/18 00:56	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/31/18 00:56	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/31/18 00:56	1
Ethylbenzene	**1.7**		0.20	0.073	ppb v/v			10/31/18 00:56	1
m,p-Xylene	**17**		0.50	0.070	ppb v/v			10/31/18 00:56	1
Xylene, o-	**2.1**		0.20	0.071	ppb v/v			10/31/18 00:56	1
Xylene (total)	**19**		0.70	0.14	ppb v/v			10/31/18 00:56	1
Styrene	0.20	U	0.20	0.086	ppb v/v			10/31/18 00:56	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/31/18 00:56	1
Cumene	**0.091**	**J**	0.20	0.059	ppb v/v			10/31/18 00:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/31/18 00:56	1
n-Propylbenzene	**0.096**	**J**	0.20	0.069	ppb v/v			10/31/18 00:56	1
4-Ethyltoluene	**0.14**	**J**	0.20	0.069	ppb v/v			10/31/18 00:56	1
1,3,5-Trimethylbenzene	**0.27**		0.20	0.058	ppb v/v			10/31/18 00:56	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/31/18 00:56	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/31/18 00:56	1
1,2,4-Trimethylbenzene	**0.43**		0.20	0.080	ppb v/v			10/31/18 00:56	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/31/18 00:56	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/31/18 00:56	1
1,3-Dichlorobenzene	**0.13**	**J**	0.20	0.082	ppb v/v			10/31/18 00:56	1
1,4-Dichlorobenzene	**0.069**	**J**	0.20	0.065	ppb v/v			10/31/18 00:56	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/31/18 00:56	1
n-Butylbenzene	0.20	U	0.20	0.080	ppb v/v			10/31/18 00:56	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/31/18 00:56	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/31/18 00:56	1

Client Sample ID: RSB-1-SV

Date Collected: 10/19/18 11:26
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-7

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/31/18 00:56	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/31/18 00:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**10**		2.5	0.99	ug/m3			10/31/18 00:56	1
Freon 22	**6.5**		1.8	0.92	ug/m3			10/31/18 00:56	1
1,2-Dichlorotetrafluoroethane	**2.7**		1.4	0.48	ug/m3			10/31/18 00:56	1
Chloromethane	**0.86**	**J**	1.0	0.52	ug/m3			10/31/18 00:56	1
n-Butane	**150**	**E**	1.2	0.74	ug/m3			10/31/18 00:56	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/31/18 00:56	1
1,3-Butadiene	**9.8**		0.44	0.14	ug/m3			10/31/18 00:56	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/31/18 00:56	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/31/18 00:56	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/31/18 00:56	1
Trichlorofluoromethane	**3.4**		1.1	0.35	ug/m3			10/31/18 00:56	1
Freon TF	**0.67**	**J**	1.5	0.24	ug/m3			10/31/18 00:56	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/31/18 00:56	1
Acetone	**200**	**E**	12	6.2	ug/m3			10/31/18 00:56	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/31/18 00:56	1
Carbon disulfide	**15**		1.6	0.37	ug/m3			10/31/18 00:56	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/31/18 00:56	1
Methylene Chloride	**6.0**		1.7	0.69	ug/m3			10/31/18 00:56	1
tert-Butyl alcohol	**46**		15	4.5	ug/m3			10/31/18 00:56	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/31/18 00:56	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/31/18 00:56	1
n-Hexane	**45**		0.70	0.56	ug/m3			10/31/18 00:56	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/31/18 00:56	1
Methyl Ethyl Ketone	**14**		1.5	0.59	ug/m3			10/31/18 00:56	1
cis-1,2-Dichloroethene	**1.7**		0.14	0.15	ug/m3			10/31/18 00:56	1
1,2-Dichloroethene, Total	**1.7**		1.6	0.44	ug/m3			10/31/18 00:56	1
Chloroform	**650**	**E**	0.98	0.25	ug/m3			10/31/18 00:56	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/31/18 00:56	1
1,1,1-Trichloroethane	**1.7**		1.1	0.37	ug/m3			10/31/18 00:56	1
Cyclohexane	**19**		0.69	0.22	ug/m3			10/31/18 00:56	1
Carbon tetrachloride	**1.2**		0.22	0.15	ug/m3			10/31/18 00:56	1
2,2,4-Trimethylpentane	**9.9**		0.93	0.41	ug/m3			10/31/18 00:56	1
Benzene	**14**		0.64	0.23	ug/m3			10/31/18 00:56	1
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/31/18 00:56	1
n-Heptane	**54**		0.82	0.57	ug/m3			10/31/18 00:56	1
Trichloroethene	**13**		0.19	0.16	ug/m3			10/31/18 00:56	1
Methyl methacrylate	2.0	U	2.0	0.90	ug/m3			10/31/18 00:56	1
1,2-Dichloropropane	0.92	U	0.92	0.55	ug/m3			10/31/18 00:56	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/31/18 00:56	1
Bromodichloromethane	**11**		1.3	0.63	ug/m3			10/31/18 00:56	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/31/18 00:56	1
methyl isobutyl ketone	2.0	U	2.0	1.5	ug/m3			10/31/18 00:56	1
Toluene	**46**		0.75	0.26	ug/m3			10/31/18 00:56	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/31/18 00:56	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/31/18 00:56	1

Client Sample ID: RSB-1-SV

Lab Sample ID: 200-45845-7

Date Collected: 10/19/18 11:26
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**7.2**		1.4	0.20	ug/m3			10/31/18 00:56	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	1.7	ug/m3			10/31/18 00:56	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/31/18 00:56	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/31/18 00:56	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/31/18 00:56	1
Ethylbenzene	**7.3**		0.87	0.32	ug/m3			10/31/18 00:56	1
m,p-Xylene	**72**		2.2	0.30	ug/m3			10/31/18 00:56	1
Xylene, o-	**9.3**		0.87	0.31	ug/m3			10/31/18 00:56	1
Xylene (total)	**83**		3.0	0.61	ug/m3			10/31/18 00:56	1
Styrene	0.85	U	0.85	0.37	ug/m3			10/31/18 00:56	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/31/18 00:56	1
Cumene	**0.45**	**J**	0.98	0.29	ug/m3			10/31/18 00:56	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/31/18 00:56	1
n-Propylbenzene	**0.47**	**J**	0.98	0.34	ug/m3			10/31/18 00:56	1
4-Ethyltoluene	**0.68**	**J**	0.98	0.34	ug/m3			10/31/18 00:56	1
1,3,5-Trimethylbenzene	**1.3**		0.98	0.29	ug/m3			10/31/18 00:56	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/31/18 00:56	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/31/18 00:56	1
1,2,4-Trimethylbenzene	**2.1**		0.98	0.39	ug/m3			10/31/18 00:56	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/31/18 00:56	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/31/18 00:56	1
1,3-Dichlorobenzene	**0.78**	**J**	1.2	0.49	ug/m3			10/31/18 00:56	1
1,4-Dichlorobenzene	**0.41**	**J**	1.2	0.39	ug/m3			10/31/18 00:56	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/31/18 00:56	1
n-Butylbenzene	1.1	U	1.1	0.44	ug/m3			10/31/18 00:56	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/31/18 00:56	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/31/18 00:56	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/31/18 00:56	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/31/18 00:56	1

Client Sample ID: AMB-1

Lab Sample ID: 200-45845-8

Date Collected: 10/19/18 11:45
Matrix: Air
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.26**	**J**	0.50	0.20	ppb v/v			10/25/18 10:10	1
Freon 22	**0.37**	**J**	0.50	0.26	ppb v/v			10/25/18 10:10	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.068	ppb v/v			10/25/18 10:10	1
Chloromethane	**0.41**	**J**	0.50	0.25	ppb v/v			10/25/18 10:10	1
n-Butane	**1.5**		0.50	0.31	ppb v/v			10/25/18 10:10	1
Vinyl chloride	0.035	U	0.035	0.041	ppb v/v			10/25/18 10:10	1
1,3-Butadiene	0.20	U	0.20	0.065	ppb v/v			10/25/18 10:10	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			10/25/18 10:10	1
Chloroethane	0.50	U	0.50	0.21	ppb v/v			10/25/18 10:10	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.056	ppb v/v			10/25/18 10:10	1
Trichlorofluoromethane	**0.20**		0.20	0.062	ppb v/v			10/25/18 10:10	1
Freon TF	**0.055**	**J**	0.20	0.031	ppb v/v			10/25/18 10:10	1

Client Sample ID: AMB-1

Date Collected: 10/19/18 11:45
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-8

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.035	U	0.035	0.034	ppb v/v			10/25/18 10:10	1
Acetone	**3.3**	**J**	5.0	2.6	ppb v/v			10/25/18 10:10	1
Isopropyl alcohol	5.0	U	5.0	1.8	ppb v/v			10/25/18 10:10	1
Carbon disulfide	0.50	U	0.50	0.12	ppb v/v			10/25/18 10:10	1
3-Chloropropene	0.50	U	0.50	0.27	ppb v/v			10/25/18 10:10	1
Methylene Chloride	**0.29**	**J**	0.50	0.20	ppb v/v			10/25/18 10:10	1
tert-Butyl alcohol	5.0	U	5.0	1.5	ppb v/v			10/25/18 10:10	1
Methyl tert-butyl ether	0.20	U	0.20	0.061	ppb v/v			10/25/18 10:10	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.074	ppb v/v			10/25/18 10:10	1
n-Hexane	**0.17**	**J**	0.20	0.16	ppb v/v			10/25/18 10:10	1
1,1-Dichloroethane	0.20	U	0.20	0.026	ppb v/v			10/25/18 10:10	1
Methyl Ethyl Ketone	**0.27**	**J**	0.50	0.20	ppb v/v			10/25/18 10:10	1
cis-1,2-Dichloroethene	0.035	U	0.035	0.037	ppb v/v			10/25/18 10:10	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.11	ppb v/v			10/25/18 10:10	1
Chloroform	0.20	U	0.20	0.052	ppb v/v			10/25/18 10:10	1
Tetrahydrofuran	5.0	U	5.0	2.6	ppb v/v			10/25/18 10:10	1
1,1,1-Trichloroethane	0.20	U	0.20	0.068	ppb v/v			10/25/18 10:10	1
Cyclohexane	0.20	U	0.20	0.063	ppb v/v			10/25/18 10:10	1
Carbon tetrachloride	**0.053**		0.035	0.024	ppb v/v			10/25/18 10:10	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.088	ppb v/v			10/25/18 10:10	1
Benzene	**0.19**	**J**	0.20	0.071	ppb v/v			10/25/18 10:10	1
1,2-Dichloroethane	0.20	U	0.20	0.063	ppb v/v			10/25/18 10:10	1
n-Heptane	0.20	U	0.20	0.14	ppb v/v			10/25/18 10:10	1
Trichloroethene	0.035	U	0.035	0.030	ppb v/v			10/25/18 10:10	1
Methyl methacrylate	0.50	U	0.50	0.22	ppb v/v			10/25/18 10:10	1
1,2-Dichloropropane	0.20	U	0.20	0.12	ppb v/v			10/25/18 10:10	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			10/25/18 10:10	1
Bromodichloromethane	0.20	U	0.20	0.094	ppb v/v			10/25/18 10:10	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.098	ppb v/v			10/25/18 10:10	1
methyl isobutyl ketone	0.50	U	0.50	0.36	ppb v/v			10/25/18 10:10	1
Toluene	**0.36**		0.20	0.069	ppb v/v			10/25/18 10:10	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.12	ppb v/v			10/25/18 10:10	1
1,1,2-Trichloroethane	0.20	U	0.20	0.078	ppb v/v			10/25/18 10:10	1
Tetrachloroethene	0.20	U	0.20	0.029	ppb v/v			10/25/18 10:10	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.42	ppb v/v			10/25/18 10:10	1
Dibromochloromethane	0.20	U	0.20	0.071	ppb v/v			10/25/18 10:10	1
1,2-Dibromoethane	0.20	U	0.20	0.069	ppb v/v			10/25/18 10:10	1
Chlorobenzene	0.20	U	0.20	0.040	ppb v/v			10/25/18 10:10	1
Ethylbenzene	0.20	U	0.20	0.073	ppb v/v			10/25/18 10:10	1
m,p-Xylene	**0.081**	**J**	0.50	0.070	ppb v/v			10/25/18 10:10	1
Xylene, o-	0.20	U	0.20	0.071	ppb v/v			10/25/18 10:10	1
Xylene (total)	0.70	U	0.70	0.14	ppb v/v			10/25/18 10:10	1
Styrene	0.20	U	0.20	0.086	ppb v/v			10/25/18 10:10	1
Bromoform	0.20	U	0.20	0.086	ppb v/v			10/25/18 10:10	1
Cumene	0.20	U	0.20	0.059	ppb v/v			10/25/18 10:10	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.076	ppb v/v			10/25/18 10:10	1
n-Propylbenzene	0.20	U	0.20	0.069	ppb v/v			10/25/18 10:10	1
4-Ethyltoluene	0.20	U	0.20	0.069	ppb v/v			10/25/18 10:10	1

Client Sample ID: AMB-1

Date Collected: 10/19/18 11:45
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-8

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.20	U	0.20	0.058	ppb v/v			10/25/18 10:10	1
2-Chlorotoluene	0.20	U	0.20	0.071	ppb v/v			10/25/18 10:10	1
tert-Butylbenzene	0.20	U	0.20	0.058	ppb v/v			10/25/18 10:10	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/25/18 10:10	1
sec-Butylbenzene	0.20	U	0.20	0.066	ppb v/v			10/25/18 10:10	1
4-Isopropyltoluene	0.20	U	0.20	0.075	ppb v/v			10/25/18 10:10	1
1,3-Dichlorobenzene	0.20	U	0.20	0.082	ppb v/v			10/25/18 10:10	1
1,4-Dichlorobenzene	0.20	U	0.20	0.065	ppb v/v			10/25/18 10:10	1
Benzyl chloride	0.20	U	0.20	0.12	ppb v/v			10/25/18 10:10	1
n-Butylbenzene	0.20	U	0.20	0.080	ppb v/v			10/25/18 10:10	1
1,2-Dichlorobenzene	0.20	U	0.20	0.071	ppb v/v			10/25/18 10:10	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.24	ppb v/v			10/25/18 10:10	1
Hexachlorobutadiene	0.20	U	0.20	0.082	ppb v/v			10/25/18 10:10	1
Naphthalene	0.50	U	0.50	0.31	ppb v/v			10/25/18 10:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.3**	**J**	2.5	0.99	ug/m3			10/25/18 10:10	1
Freon 22	**1.3**	**J**	1.8	0.92	ug/m3			10/25/18 10:10	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.48	ug/m3			10/25/18 10:10	1
Chloromethane	**0.84**	**J**	1.0	0.52	ug/m3			10/25/18 10:10	1
n-Butane	**3.6**		1.2	0.74	ug/m3			10/25/18 10:10	1
Vinyl chloride	0.089	U	0.089	0.10	ug/m3			10/25/18 10:10	1
1,3-Butadiene	0.44	U	0.44	0.14	ug/m3			10/25/18 10:10	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			10/25/18 10:10	1
Chloroethane	1.3	U	1.3	0.55	ug/m3			10/25/18 10:10	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.24	ug/m3			10/25/18 10:10	1
Trichlorofluoromethane	**1.1**		1.1	0.35	ug/m3			10/25/18 10:10	1
Freon TF	**0.42**	**J**	1.5	0.24	ug/m3			10/25/18 10:10	1
1,1-Dichloroethene	0.14	U	0.14	0.13	ug/m3			10/25/18 10:10	1
Acetone	**8.0**	**J**	12	6.2	ug/m3			10/25/18 10:10	1
Isopropyl alcohol	12	U	12	4.4	ug/m3			10/25/18 10:10	1
Carbon disulfide	1.6	U	1.6	0.37	ug/m3			10/25/18 10:10	1
3-Chloropropene	1.6	U	1.6	0.85	ug/m3			10/25/18 10:10	1
Methylene Chloride	**1.0**	**J**	1.7	0.69	ug/m3			10/25/18 10:10	1
tert-Butyl alcohol	15	U	15	4.5	ug/m3			10/25/18 10:10	1
Methyl tert-butyl ether	0.72	U	0.72	0.22	ug/m3			10/25/18 10:10	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.29	ug/m3			10/25/18 10:10	1
n-Hexane	**0.61**	**J**	0.70	0.56	ug/m3			10/25/18 10:10	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			10/25/18 10:10	1
Methyl Ethyl Ketone	**0.79**	**J**	1.5	0.59	ug/m3			10/25/18 10:10	1
cis-1,2-Dichloroethene	0.14	U	0.14	0.15	ug/m3			10/25/18 10:10	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.44	ug/m3			10/25/18 10:10	1
Chloroform	0.98	U	0.98	0.25	ug/m3			10/25/18 10:10	1
Tetrahydrofuran	15	U	15	7.7	ug/m3			10/25/18 10:10	1
1,1,1-Trichloroethane	1.1	U	1.1	0.37	ug/m3			10/25/18 10:10	1
Cyclohexane	0.69	U	0.69	0.22	ug/m3			10/25/18 10:10	1
Carbon tetrachloride	**0.33**		0.22	0.15	ug/m3			10/25/18 10:10	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.41	ug/m3			10/25/18 10:10	1
Benzene	**0.62**	**J**	0.64	0.23	ug/m3			10/25/18 10:10	1

Client Sample ID: AMB-1

Date Collected: 10/19/18 11:45
Date Received: 10/23/18 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-45845-8

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.81	U	0.81	0.25	ug/m3			10/25/18 10:10	1
n-Heptane	0.82	U	0.82	0.57	ug/m3			10/25/18 10:10	1
Trichloroethene	0.19	U	0.19	0.16	ug/m3			10/25/18 10:10	1
Methyl methacrylate	2.0	U	2.0	0.90	ug/m3			10/25/18 10:10	1
1,2-Dichloropropane	0.92	U	0.92	0.55	ug/m3			10/25/18 10:10	1
1,4-Dioxane	18	U	18	4.7	ug/m3			10/25/18 10:10	1
Bromodichloromethane	1.3	U	1.3	0.63	ug/m3			10/25/18 10:10	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.44	ug/m3			10/25/18 10:10	1
methyl isobutyl ketone	2.0	U	2.0	1.5	ug/m3			10/25/18 10:10	1
Toluene	**1.3**		0.75	0.26	ug/m3			10/25/18 10:10	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.54	ug/m3			10/25/18 10:10	1
1,1,2-Trichloroethane	1.1	U	1.1	0.43	ug/m3			10/25/18 10:10	1
Tetrachloroethene	1.4	U	1.4	0.20	ug/m3			10/25/18 10:10	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	1.7	ug/m3			10/25/18 10:10	1
Dibromochloromethane	1.7	U	1.7	0.60	ug/m3			10/25/18 10:10	1
1,2-Dibromoethane	1.5	U	1.5	0.53	ug/m3			10/25/18 10:10	1
Chlorobenzene	0.92	U	0.92	0.18	ug/m3			10/25/18 10:10	1
Ethylbenzene	0.87	U	0.87	0.32	ug/m3			10/25/18 10:10	1
m,p-Xylene	**0.35**	**J**	2.2	0.30	ug/m3			10/25/18 10:10	1
Xylene, o-	0.87	U	0.87	0.31	ug/m3			10/25/18 10:10	1
Xylene (total)	3.0	U	3.0	0.61	ug/m3			10/25/18 10:10	1
Styrene	0.85	U	0.85	0.37	ug/m3			10/25/18 10:10	1
Bromoform	2.1	U	2.1	0.89	ug/m3			10/25/18 10:10	1
Cumene	0.98	U	0.98	0.29	ug/m3			10/25/18 10:10	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.52	ug/m3			10/25/18 10:10	1
n-Propylbenzene	0.98	U	0.98	0.34	ug/m3			10/25/18 10:10	1
4-Ethyltoluene	0.98	U	0.98	0.34	ug/m3			10/25/18 10:10	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.29	ug/m3			10/25/18 10:10	1
2-Chlorotoluene	1.0	U	1.0	0.37	ug/m3			10/25/18 10:10	1
tert-Butylbenzene	1.1	U	1.1	0.32	ug/m3			10/25/18 10:10	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/25/18 10:10	1
sec-Butylbenzene	1.1	U	1.1	0.36	ug/m3			10/25/18 10:10	1
4-Isopropyltoluene	1.1	U	1.1	0.41	ug/m3			10/25/18 10:10	1
1,3-Dichlorobenzene	1.2	U	1.2	0.49	ug/m3			10/25/18 10:10	1
1,4-Dichlorobenzene	1.2	U	1.2	0.39	ug/m3			10/25/18 10:10	1
Benzyl chloride	1.0	U	1.0	0.62	ug/m3			10/25/18 10:10	1
n-Butylbenzene	1.1	U	1.1	0.44	ug/m3			10/25/18 10:10	1
1,2-Dichlorobenzene	1.2	U	1.2	0.43	ug/m3			10/25/18 10:10	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.8	ug/m3			10/25/18 10:10	1
Hexachlorobutadiene	2.1	U	2.1	0.87	ug/m3			10/25/18 10:10	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			10/25/18 10:10	1

ANALYTICAL REPORT

Job Number: 460-161048-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:14 AM

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11/16/2018
Revision: 1

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Job Number: 460-161048-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:14 AM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161048-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-161048-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs, and Pesticides.

RECEIPT
The samples were received on 7/23/2018 7:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 07/24/2018 and analyzed on 07/27/2018.

Methylene Chloride was detected in method blank MB 460-540043/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in method blank MB 460-540121/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Styrene was detected in method blank LB3 460-539166/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES
Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 07/24/2018 and analyzed on 07/25/2018.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 07/24/2018 and analyzed on 07/25/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES
Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 07/26/2018 and analyzed on 07/29/2018.

The 2,4-Dichlorophenylacetic acid surrogate recovery for the following Matrix Spike/Matrix Spike Duplicate (MS/MSD) were outside acceptance limits (high biased) on the confirmation column due to matrix interference: (460-160978-E-4-O MS) and (460-160978-F-4-K MSD). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Silvex (2,4,5-TP) failed the recovery criteria high for the MSD of sample 460-160978-4 in batch 460-540442. Silvex (2,4,5-TP) exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/24/2018 and analyzed on 07/26/2018.

The continuing calibration verification (CCV) associated with batch 460-539857 recovered above the upper control limit for Hexachlorocyclopentadiene, 2-Nitroaniline and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-539178 recovered above the upper control limit for Phenol, Di-n-octyl phthalate, Bis(2-chloroethyl)ether, N-Nitrosodi-n-propylamine, Bis(2-chloroethoxy)methane, Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate and Isophorone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-539178 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 460-539399 and analytical batch 460-539178 recovered outside control limits for the following analytes: 2-Methylphenol, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether and Phenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Surrogates recoveries for the following laboratory control sample (LCS) associated with batch 460-539399 were outside the upper control limits. Sample has been reported.

The surrogate recovery for the blank associated with preparation batch 460-539399 and analytical batch 460-539178 was outside the upper control limits.

The continuing calibration verification (CCV) associated with batch 460-539688 recovered above the upper control limit for N-Nitrosodi-n-propylamine, Phenol, Di-n-octyl phthalate, Bis(2-chloroethyl)ether, Bis(2-chloroethoxy)methane, Isophorone, Butyl benzyl phthalate, 2-Methylphenol and 4-Methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-539688 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2). These results have been reported and qualified.

Diethyl phthalate was detected in method blank MB 460-539399/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr) and Phenol-d5 (Surr) failed the surrogate recovery criteria high for 460-161022-E-15-B MS and 460-161022-E-15-C MSD.

Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether and Phenol failed the recovery criteria high for the MSD of sample 460-161022-15 in batch 460-539178.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared and analyzed on 07/25/2018.

Antimony failed the recovery criteria low for the MS of sample 460-161022-12 in batch 460-539580. Aluminum and Iron failed the recovery criteria high.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 07/25/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 07/25/2018.

Cyanide, Total failed the recovery criteria high for the MS/MSD of sample 460-161022-13 in batch 460-539562.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples MR-11_0.25-0.75 (460-161048-1) and MR-11_5-6.5 (460-161048-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 07/26/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161048-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161048-1	MR-11_0.25-0.75	Solid	07/23/18 08:41	07/23/18 19:40
460-161048-2	MR-11_5-6.5	Solid	07/23/18 09:20	07/23/18 19:40

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161048-1

Client Sample ID: MR-11_0.25-0.75 — Lab Sample ID: 460-161048-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.00036	J	0.0011	0.00019	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00026	J	0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.00062	J	0.0021	0.00027	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.029	J	0.40	0.0050	mg/Kg	1	☼	8270D	Total/NA
Acetophenone	0.073	J	0.40	0.0064	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.023	J	0.40	0.0044	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.027	J	0.040	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.025	J	0.040	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.039	J	0.040	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.11	J	0.40	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.015	J	0.040	0.0078	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.41		0.40	0.021	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.037	J	0.40	0.0067	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.028	J	0.40	0.0052	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.079		0.040	0.016	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.023	J	0.40	0.0069	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.039	J	0.40	0.0070	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.030	J	0.40	0.0099	mg/Kg	1	☼	8270D	Total/NA
Aluminum	5630		21.5	7.4	mg/Kg	20	☼	6020B	Total/NA
Arsenic	6.5		1.1	0.34	mg/Kg	20	☼	6020B	Total/NA
Barium	89.3		2.1	0.71	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.23	J	0.43	0.17	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.41	J	1.1	0.36	mg/Kg	20	☼	6020B	Total/NA
Calcium	27300		107	31.9	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.6		2.1	0.64	mg/Kg	20	☼	6020B	Total/NA
Cobalt	3.9		2.1	0.65	mg/Kg	20	☼	6020B	Total/NA
Copper	24.0		2.1	0.62	mg/Kg	20	☼	6020B	Total/NA
Iron	10700		64.5	22.6	mg/Kg	20	☼	6020B	Total/NA
Lead	70.4		0.64	0.20	mg/Kg	20	☼	6020B	Total/NA
Magnesium	11900		107	29.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	139		4.3	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	11.2		2.1	0.70	mg/Kg	20	☼	6020B	Total/NA
Potassium	941		107	38.7	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.56	J	5.4	0.31	mg/Kg	20	☼	6020B	Total/NA
Sodium	245		107	33.6	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.24	J	0.43	0.13	mg/Kg	20	☼	6020B	Total/NA
Vanadium	18.1		2.1	0.61	mg/Kg	20	☼	6020B	Total/NA
Zinc	178		8.6	4.2	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.053		0.020	0.012	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: MR-11_5-6.5 — Lab Sample ID: 460-161048-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00037	J	0.0011	0.00025	mg/Kg	1	☼	8260C	Total/NA
1,2-Dichloroethane	0.00040	J	0.0011	0.00032	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.0066		0.0055	0.0041	mg/Kg	1	☼	8260C	Total/NA
Benzene	0.0018		0.0011	0.00028	mg/Kg	1	☼	8260C	Total/NA
Chloroform	0.00057	J	0.0011	0.00035	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.00071	J	0.0011	0.00022	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00057	J B	0.0011	0.00018	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-11_5-6.5 (Continued) — Lab Sample ID: 460-161048-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.0016		0.0011	0.00019	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00072	J	0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.0038		0.0011	0.00068	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.0023		0.0022	0.00028	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.011	J	0.39	0.0040	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.038	J	0.039	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.041		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.052		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.028	J	0.39	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.026	J	0.039	0.0076	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.12	J	0.39	0.021	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.045	J	0.39	0.0066	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.037	J	0.39	0.0051	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.033	J	0.039	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.020	J	0.39	0.0068	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.037	J	0.39	0.0097	mg/Kg	1	☼	8270D	Total/NA
Aluminum	9740		22.2	7.6	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.4		1.1	0.36	mg/Kg	20	☼	6020B	Total/NA
Barium	306		2.2	0.74	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.40	J	0.44	0.18	mg/Kg	20	☼	6020B	Total/NA
Calcium	21900		111	33.0	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.7		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.9		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Copper	20.2		2.2	0.64	mg/Kg	20	☼	6020B	Total/NA
Iron	15000		66.6	23.3	mg/Kg	20	☼	6020B	Total/NA
Lead	95.3		0.67	0.21	mg/Kg	20	☼	6020B	Total/NA
Magnesium	16300		111	30.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	206		4.4	1.4	mg/Kg	20	☼	6020B	Total/NA
Nickel	12.1		2.2	0.72	mg/Kg	20	☼	6020B	Total/NA
Potassium	1840		111	40.0	mg/Kg	20	☼	6020B	Total/NA
Sodium	337		111	34.8	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.16	J	0.44	0.14	mg/Kg	20	☼	6020B	Total/NA
Vanadium	22.3		2.2	0.63	mg/Kg	20	☼	6020B	Total/NA
Zinc	351		8.9	4.3	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.13		0.020	0.012	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.32		0.24	0.064	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161048-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161048-1

Client Sample ID: MR-11_0.25-0.75

Date Collected: 07/23/18 08:41
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-1

Matrix: Solid
Percent Solids: 83.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000099	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00012	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
1,4-Dioxane	0.021	U	0.021	0.0098	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
2-Butanone (MEK)	0.0054	U	0.0054	0.0012	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
2-Hexanone	0.0054	U	0.0054	0.00084	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.00071	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Acetone	0.0054	U	0.0054	0.0041	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Benzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Bromomethane	0.0011	U	0.0011	0.00051	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Carbon tetrachloride	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Ethylbenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Methylene Chloride	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
m-Xylene & p-Xylene	**0.00036**	**J**	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
n-Butylbenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
N-Propylbenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
o-Xylene	**0.00026**	**J**	0.0011	0.00010	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
sec-Butylbenzene	0.0011	U	0.0011	0.000094	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1

Client Sample ID: MR-11_0.25-0.75

Date Collected: 07/23/18 08:41
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-1

Matrix: Solid
Percent Solids: 83.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
tert-Butylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Tetrachloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Toluene	0.0011	U	0.0011	0.00067	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Trichloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1
Xylenes, Total	**0.00062**	**J**	0.0021	0.00027	mg/Kg	☼	07/24/18 08:11	07/27/18 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 135*	*07/24/18 08:11*	*07/27/18 10:55*	*1*
4-Bromofluorobenzene	*99*		*67 - 126*	*07/24/18 08:11*	*07/27/18 10:55*	*1*
Dibromofluoromethane (Surr)	*100*		*61 - 149*	*07/24/18 08:11*	*07/27/18 10:55*	*1*
Toluene-d8 (Surr)	*100*		*73 - 121*	*07/24/18 08:11*	*07/27/18 10:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.0053	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.0052	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4-Dichlorophenol	0.16	U	0.16	0.0084	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4-Dimethylphenol	0.40	U	0.40	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,4-Dinitrotoluene	0.080	U	0.080	0.020	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2,6-Dinitrotoluene	0.080	U	0.080	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Chloronaphthalene	0.40	U	0.40	0.018	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Chlorophenol	0.40	U	0.40	0.0056	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Methylnaphthalene	**0.029**	**J**	0.40	0.0050	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Methylphenol	0.40	U *	0.40	0.0064	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
2-Nitrophenol	0.40	U	0.40	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
3 & 4 Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
3-Nitroaniline	0.40	U	0.40	0.022	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.065	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.0051	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.0066	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Chloroaniline	0.40	U	0.40	0.028	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.0063	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
4-Nitrophenol	0.80	U	0.80	0.065	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Acenaphthene	0.40	U	0.40	0.029	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Acenaphthylene	0.40	U	0.40	0.0041	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Acetophenone	**0.073**	**J**	0.40	0.0064	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1

Client Sample ID: MR-11_0.25-0.75

Date Collected: 07/23/18 08:41
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-1

Matrix: Solid
Percent Solids: 83.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.023**	**J**	0.40	0.0044	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzaldehyde	0.40	U	0.40	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzo[a]anthracene	**0.027**	**J**	0.040	0.014	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzo[a]pyrene	**0.025**	**J**	0.040	0.011	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzo[b]fluoranthene	**0.039**	**J**	0.040	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzo[g,h,i]perylene	**0.11**	**J**	0.40	0.012	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Benzo[k]fluoranthene	**0.015**	**J**	0.040	0.0078	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Bis(2-chloroethoxy)methane	0.40	U *	0.40	0.014	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Bis(2-chloroethyl)ether	0.040	U *	0.040	0.0048	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Bis(2-ethylhexyl) phthalate	**0.41**		0.40	0.021	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Caprolactam	0.40	U	0.40	0.024	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Carbazole	0.40	U	0.40	0.0047	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Chrysene	**0.037**	**J**	0.40	0.0067	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Dibenzofuran	0.40	U	0.40	0.0056	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Diethyl phthalate	0.40	U	0.40	0.0058	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Dimethyl phthalate	0.40	U	0.40	0.0048	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Di-n-butyl phthalate	0.40	U	0.40	0.070	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Fluoranthene	**0.028**	**J**	0.40	0.0052	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Fluorene	0.40	U	0.40	0.0054	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Hexachlorobenzene	0.040	U	0.040	0.0058	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Hexachlorobutadiene	0.080	U	0.080	0.0085	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Hexachloroethane	0.040	U	0.040	0.0061	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Indeno[1,2,3-cd]pyrene	**0.079**		0.040	0.016	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Naphthalene	**0.023**	**J**	0.40	0.0069	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Nitrobenzene	0.040	U	0.040	0.0095	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.0063	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.0076	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Phenanthrene	**0.039**	**J**	0.40	0.0070	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Phenol	0.40	U *	0.40	0.0059	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1
Pyrene	**0.030**	**J**	0.40	0.0099	mg/Kg	☼	07/24/18 23:53	07/26/18 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 103*	*07/24/18 23:53*	*07/26/18 18:46*	*1*
2-Fluorobiphenyl	*86*		*38 - 95*	*07/24/18 23:53*	*07/26/18 18:46*	*1*
2-Fluorophenol (Surr)	*93*	*	*25 - 92*	*07/24/18 23:53*	*07/26/18 18:46*	*1*
Nitrobenzene-d5 (Surr)	*90*		*37 - 94*	*07/24/18 23:53*	*07/26/18 18:46*	*1*
Phenol-d5 (Surr)	*87*		*32 - 91*	*07/24/18 23:53*	*07/26/18 18:46*	*1*
Terphenyl-d14 (Surr)	*85*		*24 - 109*	*07/24/18 23:53*	*07/26/18 18:46*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0081	U	0.0081	0.0014	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
4,4'-DDE	0.0081	U	0.0081	0.00095	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1

Client Sample ID: MR-11_0.25-0.75

Date Collected: 07/23/18 08:41
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-1

Matrix: Solid
Percent Solids: 83.1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0081	U	0.0081	0.0015	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Aldrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
alpha-BHC	0.0024	U	0.0024	0.00082	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
beta-BHC	0.0024	U	0.0024	0.00090	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Chlordane (technical)	0.081	U	0.081	0.019	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
cis-Chlordane	0.0081	U	0.0081	0.0013	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endosulfan I	0.0081	U	0.0081	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endosulfan II	0.0081	U	0.0081	0.0021	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endosulfan sulfate	0.0081	U	0.0081	0.0010	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endrin aldehyde	0.0081	U	0.0081	0.0019	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Endrin ketone	0.0081	U	0.0081	0.0016	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Heptachlor	0.0081	U	0.0081	0.00095	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Heptachlor epoxide	0.0081	U	0.0081	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Methoxychlor	0.0081	U	0.0081	0.0018	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1
Toxaphene	0.081	U	0.081	0.029	mg/Kg	☼	07/24/18 20:34	07/25/18 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*69 - 150*	*07/24/18 20:34*	*07/25/18 14:10*	*1*
DCB Decachlorobiphenyl	*91*		*69 - 150*	*07/24/18 20:34*	*07/25/18 14:10*	*1*
Tetrachloro-m-xylene	*94*		*74 - 150*	*07/24/18 20:34*	*07/25/18 14:10*	*1*
Tetrachloro-m-xylene	*93*		*74 - 150*	*07/24/18 20:34*	*07/25/18 14:10*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1221	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1232	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1242	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1248	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1254	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1260	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor-1262	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Aroclor 1268	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1
Polychlorinated biphenyls, Total	0.081	U	0.081	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*53 - 150*	*07/24/18 20:39*	*07/25/18 19:11*	*1*
DCB Decachlorobiphenyl	*94*		*53 - 150*	*07/24/18 20:39*	*07/25/18 19:11*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.040	U	0.040	0.0085	mg/Kg	☼	07/26/18 23:01	07/29/18 00:05	1
2,4-D	0.040	U	0.040	0.015	mg/Kg	☼	07/26/18 23:01	07/29/18 00:05	1
Silvex (2,4,5-TP)	0.040	U	0.040	0.0042	mg/Kg	☼	07/26/18 23:01	07/29/18 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*113*		*80 - 150*	*07/26/18 23:01*	*07/29/18 00:05*	*1*

Client Sample ID: MR-11_0.25-0.75

Lab Sample ID: 460-161048-1

Date Collected: 07/23/18 08:41
Matrix: Solid
Date Received: 07/23/18 19:40
Percent Solids: 83.1

Method: 8151A - Herbicides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*119*		*80 - 150*	*07/26/18 23:01*	*07/29/18 00:05*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5630**		21.5	7.4	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Antimony	1.1	U	1.1	0.31	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Arsenic	**6.5**		1.1	0.34	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Barium	**89.3**		2.1	0.71	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Beryllium	**0.23**	**J**	0.43	0.17	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Cadmium	**0.41**	**J**	1.1	0.36	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Calcium	**27300**		107	31.9	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Chromium	**15.6**		2.1	0.64	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Cobalt	**3.9**		2.1	0.65	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Copper	**24.0**		2.1	0.62	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Iron	**10700**		64.5	22.6	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Lead	**70.4**		0.64	0.20	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Magnesium	**11900**		107	29.9	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Manganese	**139**		4.3	1.3	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Nickel	**11.2**		2.1	0.70	mg/Kg	☼	07/25/18 01:29	07/25/18 22:19	20
Potassium	**941**		107	38.7	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Selenium	**0.56**	**J**	5.4	0.31	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Silver	1.1	U	1.1	0.66	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Sodium	**245**		107	33.6	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Thallium	**0.24**	**J**	0.43	0.13	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Vanadium	**18.1**		2.1	0.61	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20
Zinc	**178**		8.6	4.2	mg/Kg	☼	07/25/18 01:29	07/25/18 20:30	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.053**		0.020	0.012	mg/Kg	☼	07/25/18 05:03	07/25/18 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.29	U	0.29	0.076	mg/Kg	☼	07/25/18 08:20	07/25/18 12:57	1

Client Sample ID: MR-11_5-6.5

Lab Sample ID: 460-161048-2

Date Collected: 07/23/18 09:20
Matrix: Solid
Date Received: 07/23/18 19:40
Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,1-Dichloroethene	**0.00037**	**J**	0.0011	0.00025	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1

Client Sample ID: MR-11_5-6.5

Date Collected: 07/23/18 09:20
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-2

Matrix: Solid
Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2-Dichloroethane	**0.00040**	**J**	0.0011	0.00032	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
1,4-Dioxane	0.022	U	0.022	0.010	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
2-Butanone (MEK)	0.0055	U	0.0055	0.0012	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
2-Hexanone	0.0055	U	0.0055	0.00085	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.00073	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Acetone	**0.0066**		0.0055	0.0041	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Benzene	**0.0018**		0.0011	0.00028	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Bromomethane	0.0011	U	0.0011	0.00052	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Carbon tetrachloride	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chlorobromomethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chloroform	**0.00057**	**J**	0.0011	0.00035	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Ethylbenzene	**0.00071**	**J**	0.0011	0.00022	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Methylene Chloride	**0.00057**	**J B**	0.0011	0.00018	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
m-Xylene & p-Xylene	**0.0016**		0.0011	0.00019	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
n-Butylbenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
N-Propylbenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
o-Xylene	**0.00072**	**J**	0.0011	0.00010	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
sec-Butylbenzene	0.0011	U	0.0011	0.000096	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
tert-Butylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Tetrachloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Toluene	**0.0038**		0.0011	0.00068	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Trichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1

Client Sample ID: MR-11_5-6.5

Date Collected: 07/23/18 09:20
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-2

Matrix: Solid
Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**0.0023**		0.0022	0.00028	mg/Kg	☼	07/24/18 08:12	07/27/18 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 135*	*07/24/18 08:12*	*07/27/18 02:25*	*1*
4-Bromofluorobenzene	*97*		*67 - 126*	*07/24/18 08:12*	*07/27/18 02:25*	*1*
Dibromofluoromethane (Surr)	*101*		*61 - 149*	*07/24/18 08:12*	*07/27/18 02:25*	*1*
Toluene-d8 (Surr)	*100*		*73 - 121*	*07/24/18 08:12*	*07/27/18 02:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.0052	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.0051	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0070	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4-Dichlorophenol	0.16	U	0.16	0.0082	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4-Dimethylphenol	0.39	U	0.39	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,4-Dinitrotoluene	0.079	U	0.079	0.020	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2,6-Dinitrotoluene	0.079	U	0.079	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Chloronaphthalene	0.39	U	0.39	0.018	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Chlorophenol	0.39	U	0.39	0.0054	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Methylnaphthalene	0.39	U	0.39	0.0049	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Methylphenol	0.39	U *	0.39	0.0063	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
2-Nitrophenol	0.39	U	0.39	0.012	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
3 & 4 Methylphenol	0.39	U	0.39	0.0066	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
3-Nitroaniline	0.39	U	0.39	0.021	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.063	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.0050	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.0065	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Chloroaniline	0.39	U	0.39	0.027	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.0061	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Methylphenol	0.39	U	0.39	0.0066	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Nitroaniline	0.39	U	0.39	0.014	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
4-Nitrophenol	0.79	U	0.79	0.063	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Acenaphthene	0.39	U	0.39	0.028	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Acenaphthylene	**0.011**	**J**	0.39	0.0040	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Acetophenone	0.39	U	0.39	0.0063	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Anthracene	0.39	U	0.39	0.0043	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Atrazine	0.16	U	0.16	0.0098	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzaldehyde	0.39	U	0.39	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzo[a]anthracene	**0.038**	**J**	0.039	0.014	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzo[a]pyrene	**0.041**		0.039	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzo[b]fluoranthene	**0.052**		0.039	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzo[g,h,i]perylene	**0.028**	**J**	0.39	0.011	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Benzo[k]fluoranthene	**0.026**	**J**	0.039	0.0076	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Bis(2-chloroethoxy)methane	0.39	U *	0.39	0.013	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1

Client Sample ID: MR-11_5-6.5

Date Collected: 07/23/18 09:20
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-2

Matrix: Solid
Percent Solids: 84.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.039	U *	0.039	0.0047	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Bis(2-ethylhexyl) phthalate	**0.12**	**J**	0.39	0.021	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Caprolactam	0.39	U	0.39	0.023	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Carbazole	0.39	U	0.39	0.0046	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Chrysene	**0.045**	**J**	0.39	0.0066	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Dibenzofuran	0.39	U	0.39	0.0055	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Diethyl phthalate	0.39	U	0.39	0.0056	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Dimethyl phthalate	0.39	U	0.39	0.0047	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Di-n-butyl phthalate	0.39	U	0.39	0.069	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Fluoranthene	**0.037**	**J**	0.39	0.0051	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Fluorene	0.39	U	0.39	0.0053	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Hexachlorobenzene	0.039	U	0.039	0.0057	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Hexachloroethane	0.039	U	0.039	0.0060	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Indeno[1,2,3-cd]pyrene	**0.033**	**J**	0.039	0.015	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Naphthalene	0.39	U	0.39	0.0067	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Nitrobenzene	0.039	U	0.039	0.0093	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.0062	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.0074	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Pentachlorophenol	0.31	U	0.31	0.080	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Phenanthrene	**0.020**	**J**	0.39	0.0068	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Phenol	0.39	U *	0.39	0.0058	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1
Pyrene	**0.037**	**J**	0.39	0.0097	mg/Kg	☼	07/24/18 23:53	07/26/18 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 103*	*07/24/18 23:53*	*07/26/18 15:51*	*1*
2-Fluorobiphenyl	*88*		*38 - 95*	*07/24/18 23:53*	*07/26/18 15:51*	*1*
2-Fluorophenol (Surr)	*94*	*	*25 - 92*	*07/24/18 23:53*	*07/26/18 15:51*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 94*	*07/24/18 23:53*	*07/26/18 15:51*	*1*
Phenol-d5 (Surr)	*87*		*32 - 91*	*07/24/18 23:53*	*07/26/18 15:51*	*1*
Terphenyl-d14 (Surr)	*88*		*24 - 109*	*07/24/18 23:53*	*07/26/18 15:51*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0079	U	0.0079	0.0013	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
4,4'-DDE	0.0079	U	0.0079	0.00093	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
4,4'-DDT	0.0079	U	0.0079	0.0014	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Aldrin	0.0079	U	0.0079	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
alpha-BHC	0.0023	U	0.0023	0.00080	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
beta-BHC	0.0023	U	0.0023	0.00088	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Chlordane (technical)	0.079	U	0.079	0.019	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
cis-Chlordane	0.0079	U	0.0079	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Endosulfan I	0.0079	U	0.0079	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1

Client Sample ID: MR-11_5-6.5

Date Collected: 07/23/18 09:20
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-2

Matrix: Solid
Percent Solids: 84.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0079	U	0.0079	0.0020	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Endosulfan sulfate	0.0079	U	0.0079	0.00099	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Endrin	0.0079	U	0.0079	0.0011	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Endrin aldehyde	0.0079	U	0.0079	0.0019	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Endrin ketone	0.0079	U	0.0079	0.0015	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00073	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Heptachlor	0.0079	U	0.0079	0.00093	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Heptachlor epoxide	0.0079	U	0.0079	0.0012	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Methoxychlor	0.0079	U	0.0079	0.0018	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1
Toxaphene	0.079	U	0.079	0.028	mg/Kg	☼	07/24/18 20:34	07/25/18 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*69 - 150*	*07/24/18 20:34*	*07/25/18 14:23*	*1*
DCB Decachlorobiphenyl	*88*		*69 - 150*	*07/24/18 20:34*	*07/25/18 14:23*	*1*
Tetrachloro-m-xylene	*92*		*74 - 150*	*07/24/18 20:34*	*07/25/18 14:23*	*1*
Tetrachloro-m-xylene	*91*		*74 - 150*	*07/24/18 20:34*	*07/25/18 14:23*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.079	U	0.079	0.010	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1221	0.079	U	0.079	0.010	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1232	0.079	U	0.079	0.010	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1242	0.079	U	0.079	0.010	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1248	0.079	U	0.079	0.010	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1254	0.079	U	0.079	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1260	0.079	U	0.079	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor-1262	0.079	U	0.079	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Aroclor 1268	0.079	U	0.079	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1
Polychlorinated biphenyls, Total	0.079	U	0.079	0.011	mg/Kg	☼	07/24/18 20:39	07/25/18 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*53 - 150*	*07/24/18 20:39*	*07/25/18 19:28*	*1*
DCB Decachlorobiphenyl	*100*		*53 - 150*	*07/24/18 20:39*	*07/25/18 19:28*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0083	mg/Kg	☼	07/26/18 23:01	07/29/18 00:20	1
2,4-D	0.039	U	0.039	0.014	mg/Kg	☼	07/26/18 23:01	07/29/18 00:20	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0041	mg/Kg	☼	07/26/18 23:01	07/29/18 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*80 - 150*	*07/26/18 23:01*	*07/29/18 00:20*	*1*
2,4-Dichlorophenylacetic acid	*121*		*80 - 150*	*07/26/18 23:01*	*07/29/18 00:20*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9740**		22.2	7.6	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Antimony	1.1	U	1.1	0.33	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Arsenic	**3.4**		1.1	0.36	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Barium	**306**		2.2	0.74	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Beryllium	**0.40**	**J**	0.44	0.18	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20

Client Sample ID: MR-11_5-6.5

Date Collected: 07/23/18 09:20
Date Received: 07/23/18 19:40

Lab Sample ID: 460-161048-2

Matrix: Solid
Percent Solids: 84.9

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.1	U	1.1	0.37	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Calcium	**21900**		111	33.0	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Chromium	**15.7**		2.2	0.67	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Cobalt	**5.9**		2.2	0.67	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Copper	**20.2**		2.2	0.64	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Iron	**15000**		66.6	23.3	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Lead	**95.3**		0.67	0.21	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Magnesium	**16300**		111	30.9	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Manganese	**206**		4.4	1.4	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Nickel	**12.1**		2.2	0.72	mg/Kg	☼	07/25/18 01:29	07/25/18 22:23	20
Potassium	**1840**		111	40.0	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Selenium	5.6	U	5.6	0.32	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Silver	1.1	U	1.1	0.69	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Sodium	**337**		111	34.8	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Thallium	**0.16**	**J**	0.44	0.14	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Vanadium	**22.3**		2.2	0.63	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20
Zinc	**351**		8.9	4.3	mg/Kg	☼	07/25/18 01:29	07/25/18 20:33	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.020	0.012	mg/Kg	☼	07/25/18 05:03	07/25/18 09:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.32**		0.24	0.064	mg/Kg	☼	07/25/18 08:20	07/25/18 12:58	1

ANALYTICAL REPORT

Job Number: 460-161116-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
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11/16/2018 12:59 PM

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11/16/2018
Revision: 1

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Job Number: 460-161116-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 12:59 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161116-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-161116-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs, and Pesticides.

RECEIPT
The samples were received on 7/24/2018 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2), MR-4_9.5_11 (460-161116-3) and MR-12_3_4 (460-161116-4) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 07/25/2018 and analyzed on 07/27/2018.

Methylene Chloride was detected in method blank MB 460-540115/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for analytical batch 460-540115 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone (MIBK) and 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated samples, except for 2-Hexanone; the data have been flagged and reported.

Refer to the QC report for details.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 07/25/2018 and analyzed on 07/26/2018.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for

polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 07/25/2018 and analyzed on 07/26/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 07/28/2018 and analyzed on 07/29/2018.

The 2,4-Dichlorophenylacetic acid surrogate recovery for the following MS was outside acceptance limits (high biased) on the confirmation column due to matrix interference: (460-160838-B-2-S MS). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2), MR-4_9.5_11 (460-161116-3) and MR-12_3_4 (460-161116-4) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/25/2018 and analyzed on 07/26/2018.

The continuing calibration verification (CCV) analyzed in 460-539688 was outside the method criteria for the following analyte(s): 4-Methylphenol, Bis(2-chloroethyl)ether, Phenol, Isophorone, Butyl benzyl phthalate, N-Nitrosodi-n-propylamine, 2-Methylphenol, Bis(2-chloroethoxy)methane and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-539688 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 460-539528 and analytical batch 460-539688 recovered outside control limits for the following analyte: Benzaldehyde. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Surrogates recoveries for the following laboratory control sample (LCS) associated with batch 460-539528 were outside the upper control limits. Sample has been reported.

The laboratory control sample (LCS) for preparation batch 460-539528 and analytical batch 460-539688 recovered outside control limits for the following analyte: Phenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS of sample 460-161119-1 in batch 460-539688.

Several analytes failed the recovery criteria low for the MSD of sample 460-161119-1 in batch 460-539688.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 07/26/2018 and analyzed on 07/26/2018 and 07/27/2018.

Several analytes failed the recovery criteria low for the MS of sample 460-161057-1 in batch 460-539961. Aluminum, Magnesium and Nickel failed the recovery criteria high.

Antimony, Cobalt, Copper and Nickel failed the recovery criteria low for the MS of sample 460-161134-3 in batch 460-540297. Several analytes failed the recovery criteria high.

Chromium and Nickel exceeded the RPD limit for the duplicate of sample 460-161057-1. Copper exceeded the RPD limit for the duplicate of sample 460-161134-3.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the

spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 07/26/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2) and MR-4_9.5_11 (460-161116-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 07/26/2018 and analyzed on 07/27/2018.

Cyanide, Total failed the recovery criteria high for the MS of sample 460-161097-1 in batch 460-540260.

Cyanide, Total failed the recovery criteria high for the MSD of sample 460-161097-1 in batch 460-540260.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples MR-12_1.25_3 (460-161116-1), MR-4_1_1.5 (460-161116-2), MR-4_9.5_11 (460-161116-3) and MR-12_3_4 (460-161116-4) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 07/26/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161116-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161116-1	MR-12_1.25_3	Solid	07/24/18 11:45	07/24/18 19:00
460-161116-2	MR-4_1_1.5	Solid	07/24/18 13:00	07/24/18 19:00
460-161116-3	MR-4_9.5_11	Solid	07/24/18 13:10	07/24/18 19:00
460-161116-4	MR-12_3_4	Solid	07/24/18 13:40	07/24/18 19:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161116-1

Client Sample ID: MR-12_1.25_3 — Lab Sample ID: 460-161116-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.013		0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.00050	J	0.0011	0.00012	mg/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	0.0040	J	0.0053	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.022		0.0053	0.0040	mg/Kg	1	☼	8260C	Total/NA
Benzene	0.00089	J	0.0011	0.00027	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.015		0.0011	0.00021	mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.0053		0.0011	0.00013	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.0057		0.0011	0.00018	mg/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	0.00023	J	0.0011	0.00015	mg/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	0.0014		0.0011	0.00019	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.0034		0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	0.00011	J	0.0011	0.000093	mg/Kg	1	☼	8260C	Total/NA
Styrene	0.00019	J	0.0011	0.00013	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00090	J	0.0011	0.00066	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.0090		0.0021	0.00027	mg/Kg	1	☼	8260C	Total/NA
1,1'-Biphenyl	0.039	J	0.39	0.0052	mg/Kg	1	☼	8270D	Total/NA
2,4-Dimethylphenol	0.024	J	0.39	0.017	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.27	J	0.39	0.0049	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.29	J	0.39	0.029	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.13	J	0.39	0.0044	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.17		0.039	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.096		0.039	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.14		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.039	J	0.39	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.058		0.039	0.0077	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.32	J	0.39	0.021	mg/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	0.83		0.39	0.019	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.21	J	0.39	0.0046	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.18	J	0.39	0.0067	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.25	J	0.39	0.0056	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.73		0.39	0.0051	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.36	J	0.39	0.0054	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.043		0.039	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	1.9		0.39	0.0068	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	1.2		0.39	0.0069	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.63		0.39	0.0098	mg/Kg	1	☼	8270D	Total/NA
Aluminum	10400		17.3	5.9	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.6		0.87	0.28	mg/Kg	20	☼	6020B	Total/NA
Barium	65.4		1.7	0.58	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.34	J	0.35	0.14	mg/Kg	20	☼	6020B	Total/NA
Calcium	59100		86.6	25.7	mg/Kg	20	☼	6020B	Total/NA
Chromium	23.6		1.7	0.52	mg/Kg	20	☼	6020B	Total/NA
Cobalt	11.3		1.7	0.52	mg/Kg	20	☼	6020B	Total/NA
Copper	31.4		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Iron	18700		52.0	18.2	mg/Kg	20	☼	6020B	Total/NA
Lead	23.1		0.52	0.16	mg/Kg	20	☼	6020B	Total/NA
Magnesium	29900		86.6	24.1	mg/Kg	20	☼	6020B	Total/NA
Manganese	455		3.5	1.1	mg/Kg	20	☼	6020B	Total/NA
Nickel	18.7		1.7	0.56	mg/Kg	20	☼	6020B	Total/NA
Potassium	2580		86.6	31.2	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-12_1.25_3 (Continued) — Lab Sample ID: 460-161116-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	364		86.6	27.1	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.35	0.11	mg/Kg	20	☼	6020B	Total/NA
Vanadium	24.5		1.7	0.49	mg/Kg	20	☼	6020B	Total/NA
Zinc	61.6		6.9	3.4	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.024		0.020	0.012	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: MR-4_1_1.5 — Lab Sample ID: 460-161116-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0067		0.0056	0.0043	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00044	J B	0.0011	0.00018	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.011	J	0.36	0.0045	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.014	J	0.36	0.0037	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.057	J	0.36	0.0041	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.25		0.036	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.25		0.036	0.0097	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.34		0.036	0.0094	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.19	J	0.36	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.11		0.036	0.0071	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.15	J	0.36	0.019	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.027	J	0.36	0.0042	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.26	J	0.36	0.0061	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.041		0.036	0.016	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.45		0.36	0.0047	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.017	J	0.36	0.0049	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.036	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.014	J	0.36	0.0063	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.23	J	0.36	0.0064	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.47		0.36	0.0090	mg/Kg	1	☼	8270D	Total/NA
Aluminum	7150		20.3	7.0	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.81	J	1.0	0.30	mg/Kg	20	☼	6020B	Total/NA
Arsenic	5.3		1.0	0.33	mg/Kg	20	☼	6020B	Total/NA
Barium	111		2.0	0.67	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.27	J	0.41	0.16	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.0		1.0	0.34	mg/Kg	20	☼	6020B	Total/NA
Calcium	70600		102	30.2	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.6		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.3		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Copper	37.2		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Iron	12100		60.9	21.3	mg/Kg	20	☼	6020B	Total/NA
Lead	141		0.61	0.19	mg/Kg	20	☼	6020B	Total/NA
Magnesium	39600		102	28.2	mg/Kg	20	☼	6020B	Total/NA
Manganese	237		4.1	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	16.5		2.0	0.66	mg/Kg	20	☼	6020B	Total/NA
Potassium	2380		102	36.6	mg/Kg	20	☼	6020B	Total/NA
Sodium	427		102	31.8	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.15	J	0.41	0.13	mg/Kg	20	☼	6020B	Total/NA
Vanadium	29.2		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Zinc	274		8.1	4.0	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.12		0.018	0.011	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-4_1_1.5 (Continued) — Lab Sample ID: 460-161116-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.14	J	0.26	0.069	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: MR-4_9.5_11 — Lab Sample ID: 460-161116-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0040	J	0.0064	0.0014	mg/Kg	1	☼	8260C	Total/NA
2-Hexanone	0.0019	J *	0.0064	0.0010	mg/Kg	1	☼	8260C	Total/NA
Acetone	1.6		0.0064	0.0049	mg/Kg	1	☼	8260C	Total/NA
Cyclohexane	0.0044		0.0013	0.00028	mg/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	0.00023	J	0.0013	0.00020	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.0030		0.0013	0.00080	mg/Kg	1	☼	8260C	Total/NA
Anthracene	0.047	J	0.38	0.0043	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.14		0.038	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.13		0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.14		0.038	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.075	J	0.38	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.069		0.038	0.0075	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.016	J	0.38	0.0045	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.12	J	0.38	0.0065	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.020	J	0.038	0.017	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.24	J	0.38	0.0050	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.013	J	0.38	0.0052	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.079		0.038	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.014	J	0.38	0.0066	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.16	J	0.38	0.0067	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.26	J	0.38	0.0095	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8560		21.2	7.3	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.3		1.1	0.34	mg/Kg	20	☼	6020B	Total/NA
Barium	48.6		2.1	0.70	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.33	J	0.42	0.17	mg/Kg	20	☼	6020B	Total/NA
Calcium	30300		106	31.5	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.3		2.1	0.64	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.8		2.1	0.64	mg/Kg	20	☼	6020B	Total/NA
Copper	18.3		2.1	0.61	mg/Kg	20	☼	6020B	Total/NA
Iron	14200		63.7	22.3	mg/Kg	20	☼	6020B	Total/NA
Lead	33.6		0.64	0.20	mg/Kg	20	☼	6020B	Total/NA
Magnesium	18700		106	29.5	mg/Kg	20	☼	6020B	Total/NA
Manganese	351		4.2	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	13.3		2.1	0.69	mg/Kg	20	☼	6020B	Total/NA
Potassium	1620		106	38.2	mg/Kg	20	☼	6020B	Total/NA
Sodium	436		106	33.2	mg/Kg	20	☼	6020B	Total/NA
Vanadium	17.6		2.1	0.60	mg/Kg	20	☼	6020B	Total/NA
Zinc	178		8.5	4.1	mg/Kg	20	☼	6020B	Total/NA
Cyanide, Total	0.082	J	0.25	0.065	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: MR-12_3_4 — Lab Sample ID: 460-161116-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.011		0.0010	0.000096	mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.0037		0.0010	0.00012	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-12_3_4 (Continued) — Lab Sample ID: 460-161116-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0032	J	0.0051	0.0011	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.016		0.0051	0.0039	mg/Kg	1	☼	8260C	Total/NA
Benzene	0.0011		0.0010	0.00026	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00075	J	0.0010	0.00027	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.014		0.0010	0.00020	mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.0042		0.0010	0.00013	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.0020	B	0.0010	0.00017	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.0082		0.0010	0.00018	mg/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	0.00015	J	0.0010	0.00015	mg/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	0.00097	J	0.0010	0.00018	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.0038		0.0010	0.000097	mg/Kg	1	☼	8260C	Total/NA
Styrene	0.00030	J	0.0010	0.00013	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.0022		0.0010	0.00064	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.012		0.0020	0.00026	mg/Kg	1	☼	8260C	Total/NA
1,1'-Biphenyl	0.039	J	0.40	0.0053	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.22	J	0.40	0.0049	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.30	J	0.40	0.029	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.24	J	0.40	0.0044	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.19		0.040	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.10		0.040	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.15		0.040	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.046	J	0.40	0.012	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.56		0.40	0.021	mg/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	1.3		0.40	0.019	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.34	J	0.40	0.0046	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.20	J	0.40	0.0067	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.21	J	0.40	0.0056	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.97		0.40	0.0051	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.40		0.40	0.0054	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.054		0.040	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	1.8		0.40	0.0069	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	1.4		0.40	0.0070	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.86		0.40	0.0099	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161116-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161116-1

Client Sample ID: MR-12_1.25_3

Date Collected: 07/24/18 11:45
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-1

Matrix: Solid
Percent Solids: 83.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000098	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2,4-Trimethylbenzene	**0.013**		0.0011	0.00010	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,3,5-Trimethylbenzene	**0.00050**	**J**	0.0011	0.00012	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
1,4-Dioxane	0.021	U	0.021	0.0097	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
2-Butanone (MEK)	**0.0040**	**J**	0.0053	0.0012	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
2-Hexanone	0.0053	U *	0.0053	0.00083	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
4-Methyl-2-pentanone (MIBK)	0.0053	U *	0.0053	0.00070	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Acetone	**0.022**		0.0053	0.0040	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Benzene	**0.00089**	**J**	0.0011	0.00027	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Bromomethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Carbon tetrachloride	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Ethylbenzene	**0.015**		0.0011	0.00021	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Isopropylbenzene	**0.0053**		0.0011	0.00013	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Methylene Chloride	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
m-Xylene & p-Xylene	**0.0057**		0.0011	0.00018	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
n-Butylbenzene	**0.00023**	**J**	0.0011	0.00015	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
N-Propylbenzene	**0.0014**		0.0011	0.00019	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
o-Xylene	**0.0034**		0.0011	0.00010	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
sec-Butylbenzene	**0.00011**	**J**	0.0011	0.000093	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1

Client Sample ID: MR-12_1.25_3

Date Collected: 07/24/18 11:45
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-1

Matrix: Solid
Percent Solids: 83.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**0.00019**	**J**	0.0011	0.00013	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
tert-Butylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Tetrachloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Toluene	**0.00090**	**J**	0.0011	0.00066	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Trichloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1
Xylenes, Total	**0.0090**		0.0021	0.00027	mg/Kg	☼	07/25/18 07:28	07/27/18 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 135*	*07/25/18 07:28*	*07/27/18 09:10*	*1*
4-Bromofluorobenzene	*104*		*67 - 126*	*07/25/18 07:28*	*07/27/18 09:10*	*1*
Dibromofluoromethane (Surr)	*103*		*61 - 149*	*07/25/18 07:28*	*07/27/18 09:10*	*1*
Toluene-d8 (Surr)	*103*		*73 - 121*	*07/25/18 07:28*	*07/27/18 09:10*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.039**	**J**	0.39	0.0052	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.0052	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0072	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4-Dichlorophenol	0.16	U	0.16	0.0083	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4-Dimethylphenol	**0.024**	**J**	0.39	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,4-Dinitrotoluene	0.080	U	0.080	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2,6-Dinitrotoluene	0.080	U	0.080	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Chloronaphthalene	0.39	U	0.39	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Chlorophenol	0.39	U	0.39	0.0055	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Methylnaphthalene	**0.27**	**J**	0.39	0.0049	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Methylphenol	0.39	U	0.39	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
2-Nitrophenol	0.39	U	0.39	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
3 & 4 Methylphenol	0.39	U	0.39	0.0067	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
3-Nitroaniline	0.39	U	0.39	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.064	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.0066	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Chloroaniline	0.39	U	0.39	0.028	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Methylphenol	0.39	U	0.39	0.0067	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
4-Nitrophenol	0.80	U	0.80	0.064	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Acenaphthene	**0.29**	**J**	0.39	0.029	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Acenaphthylene	0.39	U	0.39	0.0041	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Acetophenone	0.39	U	0.39	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1

Client Sample ID: MR-12_1.25_3

Date Collected: 07/24/18 11:45
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-1

Matrix: Solid
Percent Solids: 83.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.13**	**J**	0.39	0.0044	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzaldehyde	0.39	U *	0.39	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzo[a]anthracene	**0.17**		0.039	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzo[a]pyrene	**0.096**		0.039	0.011	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzo[b]fluoranthene	**0.14**		0.039	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzo[g,h,i]perylene	**0.039**	**J**	0.39	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Benzo[k]fluoranthene	**0.058**		0.039	0.0077	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Bis(2-ethylhexyl) phthalate	**0.32**	**J**	0.39	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Butyl benzyl phthalate	**0.83**		0.39	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Caprolactam	0.39	U	0.39	0.024	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Carbazole	**0.21**	**J**	0.39	0.0046	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Chrysene	**0.18**	**J**	0.39	0.0067	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Dibenzofuran	**0.25**	**J**	0.39	0.0056	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Diethyl phthalate	0.39	U	0.39	0.0057	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Dimethyl phthalate	0.39	U	0.39	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Di-n-butyl phthalate	0.39	U	0.39	0.070	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Fluoranthene	**0.73**		0.39	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Fluorene	**0.36**	**J**	0.39	0.0054	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Hexachlorobenzene	0.039	U	0.039	0.0058	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.035	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Hexachloroethane	0.039	U	0.039	0.0061	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Indeno[1,2,3-cd]pyrene	**0.043**		0.039	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Naphthalene	**1.9**		0.39	0.0068	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Nitrobenzene	0.039	U	0.039	0.0095	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.0063	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.0076	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Phenanthrene	**1.2**		0.39	0.0069	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Phenol	0.39	U *	0.39	0.0059	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1
Pyrene	**0.63**		0.39	0.0098	mg/Kg	☼	07/25/18 10:51	07/26/18 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*40*		*10 - 103*	*07/25/18 10:51*	*07/26/18 04:38*	*1*
2-Fluorobiphenyl	*49*		*38 - 95*	*07/25/18 10:51*	*07/26/18 04:38*	*1*
2-Fluorophenol (Surr)	*56*		*25 - 92*	*07/25/18 10:51*	*07/26/18 04:38*	*1*
Nitrobenzene-d5 (Surr)	*52*		*37 - 94*	*07/25/18 10:51*	*07/26/18 04:38*	*1*
Phenol-d5 (Surr)	*56*		*32 - 91*	*07/25/18 10:51*	*07/26/18 04:38*	*1*
Terphenyl-d14 (Surr)	*53*		*24 - 109*	*07/25/18 10:51*	*07/26/18 04:38*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
4,4'-DDE	0.0080	U	0.0080	0.00094	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1

Client Sample ID: MR-12_1.25_3

Date Collected: 07/24/18 11:45
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-1

Matrix: Solid
Percent Solids: 83.6

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
alpha-BHC	0.0024	U	0.0024	0.00081	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
beta-BHC	0.0024	U	0.0024	0.00090	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endosulfan II	0.0080	U	0.0080	0.0021	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endrin	0.0080	U	0.0080	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Endrin ketone	0.0080	U	0.0080	0.0016	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Heptachlor	0.0080	U	0.0080	0.00094	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	07/25/18 20:20	07/26/18 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:01*	*1*
DCB Decachlorobiphenyl	*90*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:01*	*1*
Tetrachloro-m-xylene	*85*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:01*	*1*
Tetrachloro-m-xylene	*86*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1221	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1232	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1242	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1248	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1254	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1260	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor-1262	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Aroclor 1268	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*53 - 150*	*07/25/18 20:26*	*07/26/18 14:31*	*1*
DCB Decachlorobiphenyl	*110*		*53 - 150*	*07/25/18 20:26*	*07/26/18 14:31*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.040	U	0.040	0.0085	mg/Kg	☼	07/28/18 01:25	07/29/18 07:22	1
2,4-D	0.040	U	0.040	0.014	mg/Kg	☼	07/28/18 01:25	07/29/18 07:22	1
Silvex (2,4,5-TP)	0.040	U	0.040	0.0041	mg/Kg	☼	07/28/18 01:25	07/29/18 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*108*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:22*	*1*

Client Sample ID: MR-12_1.25_3

Lab Sample ID: 460-161116-1

Date Collected: 07/24/18 11:45
Matrix: Solid
Date Received: 07/24/18 19:00
Percent Solids: 83.6

Method: 8151A - Herbicides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*128*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:22*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10400**		17.3	5.9	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Antimony	0.87	U	0.87	0.25	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Arsenic	**2.6**		0.87	0.28	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Barium	**65.4**		1.7	0.58	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Beryllium	**0.34**	**J**	0.35	0.14	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Cadmium	0.87	U	0.87	0.29	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Calcium	**59100**		86.6	25.7	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Chromium	**23.6**		1.7	0.52	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Cobalt	**11.3**		1.7	0.52	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Copper	**31.4**		1.7	0.50	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Iron	**18700**		52.0	18.2	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Lead	**23.1**		0.52	0.16	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Magnesium	**29900**		86.6	24.1	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Manganese	**455**		3.5	1.1	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Nickel	**18.7**		1.7	0.56	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Potassium	**2580**		86.6	31.2	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Selenium	4.3	U	4.3	0.25	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Silver	0.87	U	0.87	0.54	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Sodium	**364**		86.6	27.1	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Thallium	**0.13**	**J**	0.35	0.11	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Vanadium	**24.5**		1.7	0.49	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20
Zinc	**61.6**		6.9	3.4	mg/Kg	☼	07/26/18 23:30	07/27/18 20:30	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**		0.020	0.012	mg/Kg	☼	07/26/18 04:34	07/26/18 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.29	U	0.29	0.075	mg/Kg	☼	07/26/18 14:53	07/27/18 13:19	1

Client Sample ID: MR-4_1_1.5

Lab Sample ID: 460-161116-2

Date Collected: 07/24/18 13:00
Matrix: Solid
Date Received: 07/24/18 19:00
Percent Solids: 91.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1

Client Sample ID: MR-4_1_1.5

Date Collected: 07/24/18 13:00
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-2

Matrix: Solid
Percent Solids: 91.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00018	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
1,4-Dioxane	0.023	U	0.023	0.010	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
2-Butanone (MEK)	0.0056	U	0.0056	0.0013	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
2-Hexanone	0.0056	U *	0.0056	0.00088	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
4-Methyl-2-pentanone (MIBK)	0.0056	U *	0.0056	0.00075	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Acetone	**0.0067**		0.0056	0.0043	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Benzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Bromomethane	0.0011	U	0.0011	0.00053	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Carbon tetrachloride	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chlorobromomethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chloroform	0.0011	U	0.0011	0.00036	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Methylcyclohexane	0.0011	U	0.0011	0.00018	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Methylene Chloride	**0.00044**	**J B**	0.0011	0.00018	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
n-Butylbenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
N-Propylbenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
o-Xylene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
sec-Butylbenzene	0.0011	U	0.0011	0.000099	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Styrene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
tert-Butylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Tetrachloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Toluene	0.0011	U	0.0011	0.00070	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Trichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1

Client Sample ID: MR-4_1_1.5

Date Collected: 07/24/18 13:00
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-2

Matrix: Solid
Percent Solids: 91.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.0023	U	0.0023	0.00028	mg/Kg	☼	07/25/18 07:29	07/27/18 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*78 - 135*	*07/25/18 07:29*	*07/27/18 09:34*	*1*
4-Bromofluorobenzene	*104*		*67 - 126*	*07/25/18 07:29*	*07/27/18 09:34*	*1*
Dibromofluoromethane (Surr)	*105*		*61 - 149*	*07/25/18 07:29*	*07/27/18 09:34*	*1*
Toluene-d8 (Surr)	*103*		*73 - 121*	*07/25/18 07:29*	*07/27/18 09:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0047	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0066	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4-Dichlorophenol	0.15	U	0.15	0.0077	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,4-Dinitrotoluene	0.073	U	0.073	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2,6-Dinitrotoluene	0.073	U	0.073	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Chlorophenol	0.36	U	0.36	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Methylnaphthalene	**0.011**	**J**	0.36	0.0045	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Methylphenol	0.36	U	0.36	0.0059	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Nitroaniline	0.36	U	0.36	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
2-Nitrophenol	0.36	U	0.36	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
3 & 4 Methylphenol	0.36	U	0.36	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
3-Nitroaniline	0.36	U	0.36	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.059	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0047	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.0060	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Chloroaniline	0.36	U	0.36	0.025	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0057	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Methylphenol	0.36	U	0.36	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Nitroaniline	0.36	U	0.36	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Acenaphthene	0.36	U	0.36	0.026	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Acenaphthylene	**0.014**	**J**	0.36	0.0037	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Acetophenone	0.36	U	0.36	0.0058	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Anthracene	**0.057**	**J**	0.36	0.0041	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Atrazine	0.15	U	0.15	0.0091	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzaldehyde	0.36	U *	0.36	0.016	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzo[a]anthracene	**0.25**		0.036	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzo[a]pyrene	**0.25**		0.036	0.0097	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzo[b]fluoranthene	**0.34**		0.036	0.0094	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzo[g,h,i]perylene	**0.19**	**J**	0.36	0.011	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Benzo[k]fluoranthene	**0.11**		0.036	0.0071	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1

Client Sample ID: MR-4_1_1.5

Date Collected: 07/24/18 13:00
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-2

Matrix: Solid
Percent Solids: 91.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.036	U	0.036	0.0044	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Bis(2-ethylhexyl) phthalate	**0.15**	**J**	0.36	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Caprolactam	0.36	U	0.36	0.022	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Carbazole	**0.027**	**J**	0.36	0.0042	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Chrysene	**0.26**	**J**	0.36	0.0061	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Dibenz(a,h)anthracene	**0.041**		0.036	0.016	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Dibenzofuran	0.36	U	0.36	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Diethyl phthalate	0.36	U	0.36	0.0053	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Dimethyl phthalate	0.36	U	0.36	0.0044	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Di-n-butyl phthalate	0.36	U	0.36	0.064	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Fluoranthene	**0.45**		0.36	0.0047	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Fluorene	**0.017**	**J**	0.36	0.0049	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Hexachlorobenzene	0.036	U	0.036	0.0053	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Hexachloroethane	0.036	U	0.036	0.0056	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.036	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Isophorone	0.15	U	0.15	0.0095	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Naphthalene	**0.014**	**J**	0.36	0.0063	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Nitrobenzene	0.036	U	0.036	0.0087	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.0058	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0069	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Phenanthrene	**0.23**	**J**	0.36	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Phenol	0.36	U *	0.36	0.0054	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1
Pyrene	**0.47**		0.36	0.0090	mg/Kg	☼	07/25/18 10:51	07/26/18 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 103*	*07/25/18 10:51*	*07/26/18 07:17*	*1*
2-Fluorobiphenyl	*56*		*38 - 95*	*07/25/18 10:51*	*07/26/18 07:17*	*1*
2-Fluorophenol (Surr)	*63*		*25 - 92*	*07/25/18 10:51*	*07/26/18 07:17*	*1*
Nitrobenzene-d5 (Surr)	*63*		*37 - 94*	*07/25/18 10:51*	*07/26/18 07:17*	*1*
Phenol-d5 (Surr)	*61*		*32 - 91*	*07/25/18 10:51*	*07/26/18 07:17*	*1*
Terphenyl-d14 (Surr)	*51*		*24 - 109*	*07/25/18 10:51*	*07/26/18 07:17*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0013	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
4,4'-DDE	0.0073	U	0.0073	0.00087	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1

Client Sample ID: MR-4_1_1.5

Date Collected: 07/24/18 13:00
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-2

Matrix: Solid
Percent Solids: 91.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Heptachlor	0.0073	U	0.0073	0.00087	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1
Toxaphene	0.073	U	0.073	0.027	mg/Kg	☼	07/25/18 20:20	07/26/18 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:14*	*1*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:14*	*1*
Tetrachloro-m-xylene	*94*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:14*	*1*
Tetrachloro-m-xylene	*91*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:14*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.0098	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1221	0.073	U	0.073	0.0098	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1232	0.073	U	0.073	0.0098	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1242	0.073	U	0.073	0.0098	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1248	0.073	U	0.073	0.0098	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1254	0.073	U	0.073	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1260	0.073	U	0.073	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor-1262	0.073	U	0.073	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Aroclor 1268	0.073	U	0.073	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*53 - 150*	*07/25/18 20:26*	*07/26/18 14:48*	*1*
DCB Decachlorobiphenyl	*117*		*53 - 150*	*07/25/18 20:26*	*07/26/18 14:48*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0078	mg/Kg	☼	07/28/18 01:25	07/29/18 07:37	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	07/28/18 01:25	07/29/18 07:37	1
Silvex (2,4,5-TP)	0.037	U	0.037	0.0038	mg/Kg	☼	07/28/18 01:25	07/29/18 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*118*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:37*	*1*
2,4-Dichlorophenylacetic acid	*134*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:37*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7150**		20.3	7.0	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Antimony	**0.81**	**J**	1.0	0.30	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Arsenic	**5.3**		1.0	0.33	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Barium	**111**		2.0	0.67	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Beryllium	**0.27**	**J**	0.41	0.16	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20

Client Sample ID: MR-4_1_1.5

Lab Sample ID: 460-161116-2

Date Collected: 07/24/18 13:00
Date Received: 07/24/18 19:00

Matrix: Solid
Percent Solids: 91.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.0		1.0	0.34	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Calcium	70600		102	30.2	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Chromium	15.6		2.0	0.61	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Cobalt	5.3		2.0	0.61	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Copper	37.2		2.0	0.58	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Iron	12100		60.9	21.3	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Lead	141		0.61	0.19	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Magnesium	39600		102	28.2	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Manganese	237		4.1	1.2	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Nickel	16.5		2.0	0.66	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Potassium	2380		102	36.6	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Selenium	5.1	U	5.1	0.29	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Silver	1.0	U	1.0	0.63	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Sodium	427		102	31.8	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Thallium	0.15	J	0.41	0.13	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Vanadium	29.2		2.0	0.58	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20
Zinc	274		8.1	4.0	mg/Kg	☼	07/26/18 00:10	07/26/18 18:27	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.018	0.011	mg/Kg	☼	07/26/18 04:34	07/26/18 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.14	J	0.26	0.069	mg/Kg	☼	07/26/18 14:53	07/27/18 13:20	1

Client Sample ID: MR-4_9.5_11

Lab Sample ID: 460-161116-3

Date Collected: 07/24/18 13:10
Date Received: 07/24/18 19:00

Matrix: Solid
Percent Solids: 86.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00018	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00015	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00020	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
1,4-Dioxane	0.026	U	0.026	0.012	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
2-Butanone (MEK)	0.0040	J	0.0064	0.0014	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1

Client Sample ID: MR-4_9.5_11

Date Collected: 07/24/18 13:10
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-3

Matrix: Solid
Percent Solids: 86.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	**0.0019**	**J ***	0.0064	0.0010	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
4-Methyl-2-pentanone (MIBK)	0.0064	U *	0.0064	0.00085	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Acetone	**1.6**		0.0064	0.0049	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Benzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Bromomethane	0.0013	U	0.0013	0.00061	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Carbon tetrachloride	0.0013	U	0.0013	0.00023	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chlorobromomethane	0.0013	U	0.0013	0.00036	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chlorodibromomethane	0.0013	U	0.0013	0.00025	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chloroform	0.0013	U	0.0013	0.00041	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00019	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Cyclohexane	**0.0044**		0.0013	0.00028	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Ethylbenzene	0.0013	U	0.0013	0.00025	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Ethylene Dibromide	0.0013	U	0.0013	0.00023	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Isopropylbenzene	0.0013	U	0.0013	0.00016	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00016	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Methylcyclohexane	**0.00023**	**J**	0.0013	0.00020	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Methylene Chloride	0.0013	U	0.0013	0.00021	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00022	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
n-Butylbenzene	0.0013	U	0.0013	0.00018	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
N-Propylbenzene	0.0013	U	0.0013	0.00022	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
o-Xylene	0.0013	U	0.0013	0.00012	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
sec-Butylbenzene	0.0013	U	0.0013	0.00011	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Styrene	0.0013	U	0.0013	0.00016	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
tert-Butylbenzene	0.0013	U	0.0013	0.00016	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Tetrachloroethene	0.0013	U	0.0013	0.00018	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Toluene	**0.0030**		0.0013	0.00080	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Trichloroethene	0.0013	U	0.0013	0.00018	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1
Xylenes, Total	0.0026	U	0.0026	0.00032	mg/Kg	☼	07/25/18 07:30	07/27/18 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*78 - 135*	*07/25/18 07:30*	*07/27/18 09:59*	*1*
4-Bromofluorobenzene	*109*		*67 - 126*	*07/25/18 07:30*	*07/27/18 09:59*	*1*
Dibromofluoromethane (Surr)	*103*		*61 - 149*	*07/25/18 07:30*	*07/27/18 09:59*	*1*
Toluene-d8 (Surr)	*105*		*73 - 121*	*07/25/18 07:30*	*07/27/18 09:59*	*1*

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161116-1

Client Sample ID: MR-4_9.5_11

Date Collected: 07/24/18 13:10
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-3

Matrix: Solid
Percent Solids: 86.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0050	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4-Dichlorophenol	0.15	U	0.15	0.0081	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,4-Dinitrotoluene	0.077	U	0.077	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2,6-Dinitrotoluene	0.077	U	0.077	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Chlorophenol	0.38	U	0.38	0.0054	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Methylnaphthalene	0.38	U	0.38	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Methylphenol	0.38	U	0.38	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
2-Nitrophenol	0.38	U	0.38	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
3 & 4 Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
3-Nitroaniline	0.38	U	0.38	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.062	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0049	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Chloroaniline	0.38	U	0.38	0.027	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.0060	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Acenaphthene	0.38	U	0.38	0.028	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Acenaphthylene	0.38	U	0.38	0.0040	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Acetophenone	0.38	U	0.38	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Anthracene	**0.047**	**J**	0.38	0.0043	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Atrazine	0.15	U	0.15	0.0096	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzaldehyde	0.38	U *	0.38	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzo[a]anthracene	**0.14**		0.038	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzo[a]pyrene	**0.13**		0.038	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzo[b]fluoranthene	**0.14**		0.038	0.0099	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzo[g,h,i]perylene	**0.075**	**J**	0.38	0.011	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Benzo[k]fluoranthene	**0.069**		0.038	0.0075	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.0046	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Caprolactam	0.38	U	0.38	0.023	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Carbazole	**0.016**	**J**	0.38	0.0045	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Chrysene	**0.12**	**J**	0.38	0.0065	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Dibenz(a,h)anthracene	**0.020**	**J**	0.038	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Dibenzofuran	0.38	U	0.38	0.0054	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1

Client Sample ID: MR-4_9.5_11

Date Collected: 07/24/18 13:10
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-3

Matrix: Solid
Percent Solids: 86.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.38	U	0.38	0.0046	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Di-n-butyl phthalate	0.38	U	0.38	0.067	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Fluoranthene	**0.24**	**J**	0.38	0.0050	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Fluorene	**0.013**	**J**	0.38	0.0052	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Hexachlorobenzene	0.038	U	0.038	0.0056	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Hexachloroethane	0.038	U	0.038	0.0059	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Indeno[1,2,3-cd]pyrene	**0.079**		0.038	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Isophorone	0.15	U	0.15	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Naphthalene	**0.014**	**J**	0.38	0.0066	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Nitrobenzene	0.038	U	0.038	0.0092	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.0061	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0073	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Phenanthrene	**0.16**	**J**	0.38	0.0067	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Phenol	0.38	U *	0.38	0.0057	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1
Pyrene	**0.26**	**J**	0.38	0.0095	mg/Kg	☼	07/25/18 10:51	07/26/18 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 103*	*07/25/18 10:51*	*07/26/18 05:00*	*1*
2-Fluorobiphenyl	*55*		*38 - 95*	*07/25/18 10:51*	*07/26/18 05:00*	*1*
2-Fluorophenol (Surr)	*66*		*25 - 92*	*07/25/18 10:51*	*07/26/18 05:00*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 94*	*07/25/18 10:51*	*07/26/18 05:00*	*1*
Phenol-d5 (Surr)	*66*		*32 - 91*	*07/25/18 10:51*	*07/26/18 05:00*	*1*
Terphenyl-d14 (Surr)	*56*		*24 - 109*	*07/25/18 10:51*	*07/26/18 05:00*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
4,4'-DDE	0.0078	U	0.0078	0.00091	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endosulfan sulfate	0.0078	U	0.0078	0.00097	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Heptachlor	0.0078	U	0.0078	0.00091	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1

Client Sample ID: MR-4_9.5_11

Date Collected: 07/24/18 13:10
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-3

Matrix: Solid
Percent Solids: 86.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	07/25/18 20:20	07/26/18 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:27*	*1*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*07/25/18 20:20*	*07/26/18 11:27*	*1*
Tetrachloro-m-xylene	*87*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:27*	*1*
Tetrachloro-m-xylene	*90*		*74 - 150*	*07/25/18 20:20*	*07/26/18 11:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1221	0.078	U	0.078	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1232	0.078	U	0.078	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1242	0.078	U	0.078	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1248	0.078	U	0.078	0.010	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1254	0.078	U	0.078	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1260	0.078	U	0.078	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor-1262	0.078	U	0.078	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Aroclor 1268	0.078	U	0.078	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.011	mg/Kg	☼	07/25/18 20:26	07/26/18 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*53 - 150*	*07/25/18 20:26*	*07/26/18 15:05*	*1*
DCB Decachlorobiphenyl	*113*		*53 - 150*	*07/25/18 20:26*	*07/26/18 15:05*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0082	mg/Kg	☼	07/28/18 01:25	07/29/18 07:51	1
2,4-D	0.039	U	0.039	0.014	mg/Kg	☼	07/28/18 01:25	07/29/18 07:51	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0040	mg/Kg	☼	07/28/18 01:25	07/29/18 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:51*	*1*
2,4-Dichlorophenylacetic acid	*124*		*80 - 150*	*07/28/18 01:25*	*07/29/18 07:51*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8560**		21.2	7.3	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Antimony	1.1	U	1.1	0.31	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Arsenic	**2.3**		1.1	0.34	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Barium	**48.6**		2.1	0.70	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Beryllium	**0.33**	**J**	0.42	0.17	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Cadmium	1.1	U	1.1	0.36	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Calcium	**30300**		106	31.5	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Chromium	**15.3**		2.1	0.64	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Cobalt	**5.8**		2.1	0.64	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Copper	**18.3**		2.1	0.61	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Iron	**14200**		63.7	22.3	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Lead	**33.6**		0.64	0.20	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Magnesium	**18700**		106	29.5	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Manganese	**351**		4.2	1.3	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20

Client Sample ID: MR-4_9.5_11

Lab Sample ID: 460-161116-3
Date Collected: 07/24/18 13:10
Matrix: Solid
Date Received: 07/24/18 19:00
Percent Solids: 86.4

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**13.3**		2.1	0.69	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Potassium	**1620**		106	38.2	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Selenium	5.3	U	5.3	0.31	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Silver	1.1	U	1.1	0.66	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Sodium	**436**		106	33.2	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Thallium	0.42	U	0.42	0.13	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Vanadium	**17.6**		2.1	0.60	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20
Zinc	**178**		8.5	4.1	mg/Kg	☼	07/26/18 00:10	07/26/18 18:30	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.011	mg/Kg	☼	07/26/18 04:34	07/26/18 08:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.082**	**J**	0.25	0.065	mg/Kg	☼	07/26/18 14:53	07/27/18 13:21	1

Client Sample ID: MR-12_3_4

Lab Sample ID: 460-161116-4
Date Collected: 07/24/18 13:40
Matrix: Solid
Date Received: 07/24/18 19:00
Percent Solids: 83.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.000094	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2,4-Trimethylbenzene	**0.011**		0.0010	0.000096	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,3,5-Trimethylbenzene	**0.0037**		0.0010	0.00012	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00010	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
1,4-Dioxane	0.020	U	0.020	0.0094	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
2-Butanone (MEK)	**0.0032**	**J**	0.0051	0.0011	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
2-Hexanone	0.0051	U *	0.0051	0.00080	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
4-Methyl-2-pentanone (MIBK)	0.0051	U *	0.0051	0.00068	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Acetone	**0.016**		0.0051	0.0039	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Benzene	**0.0011**		0.0010	0.00026	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Bromomethane	0.0010	U	0.0010	0.00049	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Carbon disulfide	**0.00075**	**J**	0.0010	0.00027	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Carbon tetrachloride	0.0010	U	0.0010	0.00019	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1

Client Sample ID: MR-12_3_4

Date Collected: 07/24/18 13:40
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-4

Matrix: Solid
Percent Solids: 83.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Chloroform	0.0010	U	0.0010	0.00033	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00016	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Ethylbenzene	**0.014**		0.0010	0.00020	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Isopropylbenzene	**0.0042**		0.0010	0.00013	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Methylcyclohexane	0.0010	U	0.0010	0.00016	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Methylene Chloride	**0.0020**	**B**	0.0010	0.00017	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
m-Xylene & p-Xylene	**0.0082**		0.0010	0.00018	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
n-Butylbenzene	**0.00015**	**J**	0.0010	0.00015	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
N-Propylbenzene	**0.00097**	**J**	0.0010	0.00018	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
o-Xylene	**0.0038**		0.0010	0.000097	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
sec-Butylbenzene	0.0010	U	0.0010	0.000090	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Styrene	**0.00030**	**J**	0.0010	0.00013	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
tert-Butylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Tetrachloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Toluene	**0.0022**		0.0010	0.00064	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Trichloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1
Xylenes, Total	**0.012**		0.0020	0.00026	mg/Kg	☼	07/25/18 07:31	07/27/18 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 135*	*07/25/18 07:31*	*07/27/18 10:23*	*1*
4-Bromofluorobenzene	*106*		*67 - 126*	*07/25/18 07:31*	*07/27/18 10:23*	*1*
Dibromofluoromethane (Surr)	*101*		*61 - 149*	*07/25/18 07:31*	*07/27/18 10:23*	*1*
Toluene-d8 (Surr)	*103*		*73 - 121*	*07/25/18 07:31*	*07/27/18 10:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.039**	**J**	0.40	0.0053	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.0052	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,4-Dichlorophenol	0.16	U	0.16	0.0084	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,4-Dimethylphenol	0.40	U	0.40	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1

Client Sample ID: MR-12_3_4

Date Collected: 07/24/18 13:40
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-4

Matrix: Solid
Percent Solids: 83.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.080	U	0.080	0.020	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2,6-Dinitrotoluene	0.080	U	0.080	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Chloronaphthalene	0.40	U	0.40	0.018	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Chlorophenol	0.40	U	0.40	0.0056	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Methylnaphthalene	**0.22**	**J**	0.40	0.0049	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Methylphenol	0.40	U	0.40	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
2-Nitrophenol	0.40	U	0.40	0.013	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
3 & 4 Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
3-Nitroaniline	0.40	U	0.40	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.064	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.0066	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Chloroaniline	0.40	U	0.40	0.028	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.0062	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
4-Nitrophenol	0.80	U	0.80	0.065	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Acenaphthene	**0.30**	**J**	0.40	0.029	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Acenaphthylene	0.40	U	0.40	0.0041	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Acetophenone	0.40	U	0.40	0.0064	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Anthracene	**0.24**	**J**	0.40	0.0044	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzaldehyde	0.40	U *	0.40	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzo[a]anthracene	**0.19**		0.040	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzo[a]pyrene	**0.10**		0.040	0.011	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzo[b]fluoranthene	**0.15**		0.040	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzo[g,h,i]perylene	**0.046**	**J**	0.40	0.012	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0078	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.014	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Bis(2-ethylhexyl) phthalate	**0.56**		0.40	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Butyl benzyl phthalate	**1.3**		0.40	0.019	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Caprolactam	0.40	U	0.40	0.024	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Carbazole	**0.34**	**J**	0.40	0.0046	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Chrysene	**0.20**	**J**	0.40	0.0067	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Dibenzofuran	**0.21**	**J**	0.40	0.0056	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Diethyl phthalate	0.40	U	0.40	0.0057	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Dimethyl phthalate	0.40	U	0.40	0.0048	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Di-n-butyl phthalate	0.40	U	0.40	0.070	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Fluoranthene	**0.97**		0.40	0.0051	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Fluorene	**0.40**		0.40	0.0054	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Hexachlorobenzene	0.040	U	0.040	0.0058	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Hexachloroethane	0.040	U	0.040	0.0061	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1

Client Sample ID: MR-12_3_4

Date Collected: 07/24/18 13:40
Date Received: 07/24/18 19:00

Lab Sample ID: 460-161116-4

Matrix: Solid
Percent Solids: 83.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	**0.054**		0.040	0.015	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Naphthalene	**1.8**		0.40	0.0069	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Nitrobenzene	0.040	U	0.040	0.0095	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.0063	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.0076	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Phenanthrene	**1.4**		0.40	0.0070	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Phenol	0.40	U *	0.40	0.0059	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1
Pyrene	**0.86**		0.40	0.0099	mg/Kg	☼	07/25/18 10:51	07/26/18 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*42*		*10 - 103*	*07/25/18 10:51*	*07/26/18 05:23*	*1*
2-Fluorobiphenyl	*50*		*38 - 95*	*07/25/18 10:51*	*07/26/18 05:23*	*1*
2-Fluorophenol (Surr)	*58*		*25 - 92*	*07/25/18 10:51*	*07/26/18 05:23*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 94*	*07/25/18 10:51*	*07/26/18 05:23*	*1*
Phenol-d5 (Surr)	*58*		*32 - 91*	*07/25/18 10:51*	*07/26/18 05:23*	*1*
Terphenyl-d14 (Surr)	*57*		*24 - 109*	*07/25/18 10:51*	*07/26/18 05:23*	*1*

ANALYTICAL REPORT

Job Number: 460-161306-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 2:40 PM

Melissa Haas, Project Manager I
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11/19/2018
Revision: 1

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Job Number: 460-161306-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 2:40 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161306-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-161306-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs, and Pesticides.

RECEIPT
The samples were received on 7/26/2018 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 07/27/2018 and analyzed on 07/29/2018.

The continuing calibration verification (CCV) associated with batch 460-540527 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Methylene Chloride was detected in method blank LB3 460-540162/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 07/27/2018 and analyzed on 07/28/2018.

Several analytes failed the recovery criteria low for the Matrix Spike/Matrix Spike Duplicate (MS/MSD) of sample 460-161138-1 in batch 460-540321. Several analytes exceeded the RPD limit of the MSD.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 07/27/2018 and analyzed on 07/28/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 07/28/2018 and analyzed on 07/29/2018.

The 2,4-Dichlorophenylacetic acid surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: (460-161281-A-1-A MS) and (460-161281-A-1-B MSD). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/27/2018 and analyzed on 07/29/2018.

The continuing calibration verification (CCV) analyzed in 460-540486 was outside the method criteria for the following analyte(s): Phenol, N-Nitrosodi-n-propylamine, Di-n-octyl phthalate, Bis(2-chloroethyl)ether, Bis(2-chloroethoxy)methane, Isophorone, Butyl benzyl phthalate, 2-Nitroaniline, 3-Nitroaniline, 4-Methylphenol and Hexachlorobutadiene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-540486 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 460-540226 and analytical batch 460-540486 recovered outside control limits for the following analytes: 2-Methylphenol, 4-Methylphenol, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether and Phenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Surrogates recoveries for the following laboratory control sample (LCS) associated with batch 460-540226 were outside the upper control limits. Sample has been reported.

The surrogate recovery for the blank associated with preparation batch 460-540226 and analytical batch 460-540486 was outside the upper control limits.

Several analytes failed the recovery criteria low for the Matrix Spike/Matrix Spike Duplicate (MS/MSD) of sample 460-161262-6 in batch 460-540486.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 07/29/2018 and analyzed on 07/30/2018.

Copper failed the recovery criteria low for the MS of sample 460-161317-1 in batch 460-540873. Aluminum failed the recovery criteria high.

Zinc exceeded the RPD limit for the duplicate of sample 460-161317-1.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 07/31/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 07/29/2018 and analyzed on 07/30/2018.

Cyanide, Total failed the recovery criteria high for the MS/MSD of sample 460-161216-2 in batch 460-540791.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples MR-9_1_1.5 (460-161306-1) and MR-9_8_9 (460-161306-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 07/30/2018.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-161317-3.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161306-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161306-1	MR-9_1_1.5	Solid	07/26/18 14:15	07/26/18 19:00
460-161306-2	MR-9_8_9	Solid	07/26/18 14:20	07/26/18 19:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161306-1

Client Sample ID: MR-9_1_1.5 — Lab Sample ID: 460-161306-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014		0.0061	0.0046	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.034	J	0.37	0.0046	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.044	J	0.37	0.0038	mg/Kg	1	☼	8270D	Total/NA
Acetophenone	0.013	J	0.37	0.0060	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.045	J	0.37	0.0042	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.25		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.31		0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.45		0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.17	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.17		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.26	J	0.37	0.020	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.028	J	0.37	0.0043	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.28	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.053		0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.34	J	0.37	0.0048	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.012	J	0.37	0.0050	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.037	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.035	J	0.37	0.0064	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.14	J	0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.40		0.37	0.0092	mg/Kg	1	☼	8270D	Total/NA
Aluminum	6940		17.1	5.9	mg/Kg	20	☼	6020B	Total/NA
Arsenic	10.5		0.86	0.28	mg/Kg	20	☼	6020B	Total/NA
Barium	130		1.7	0.57	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.36		0.34	0.14	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.84	J	0.86	0.29	mg/Kg	20	☼	6020B	Total/NA
Calcium	69800		85.7	25.5	mg/Kg	20	☼	6020B	Total/NA
Chromium	18.4		1.7	0.51	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.6		1.7	0.52	mg/Kg	20	☼	6020B	Total/NA
Copper	58.6		1.7	0.49	mg/Kg	20	☼	6020B	Total/NA
Iron	16600		51.4	18.0	mg/Kg	20	☼	6020B	Total/NA
Lead	134		0.51	0.16	mg/Kg	20	☼	6020B	Total/NA
Magnesium	22000		85.7	23.8	mg/Kg	20	☼	6020B	Total/NA
Manganese	194		3.4	1.0	mg/Kg	20	☼	6020B	Total/NA
Nickel	19.6		1.7	0.56	mg/Kg	20	☼	6020B	Total/NA
Potassium	1860		85.7	30.9	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.61	J	4.3	0.25	mg/Kg	20	☼	6020B	Total/NA
Sodium	745		85.7	26.8	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.30	J	0.34	0.11	mg/Kg	20	☼	6020B	Total/NA
Vanadium	32.7		1.7	0.49	mg/Kg	20	☼	6020B	Total/NA
Zinc	144		6.9	3.3	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.20		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.071	J	0.24	0.063	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: MR-9_8_9 — Lab Sample ID: 460-161306-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0043	J	0.0050	0.0011	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.023		0.0050	0.0038	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00074	J	0.0010	0.00027	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00032	J B	0.0010	0.00016	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-9_8_9 (Continued) — Lab Sample ID: 460-161306-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0022		0.0010	0.00062	mg/Kg	1	☼	8260C	Total/NA
Benzo[a]pyrene	0.024	J	0.035	0.0095	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.045		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.031	J	0.35	0.010	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	1.0		0.35	0.019	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.028	J	0.35	0.0046	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.018	J	0.35	0.0062	mg/Kg	1	☼	8270D	Total/NA
Aluminum	4960		16.8	5.8	mg/Kg	20	☼	6020B	Total/NA
Arsenic	1.8		0.84	0.27	mg/Kg	20	☼	6020B	Total/NA
Barium	53.5		1.7	0.56	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.14	J	0.34	0.14	mg/Kg	20	☼	6020B	Total/NA
Calcium	141000		84.1	25.0	mg/Kg	20	☼	6020B	Total/NA
Chromium	10.7		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Cobalt	3.2		1.7	0.51	mg/Kg	20	☼	6020B	Total/NA
Copper	15.6		1.7	0.48	mg/Kg	20	☼	6020B	Total/NA
Iron	7230		50.5	17.7	mg/Kg	20	☼	6020B	Total/NA
Lead	34.0		0.50	0.16	mg/Kg	20	☼	6020B	Total/NA
Magnesium	64500		84.1	23.4	mg/Kg	20	☼	6020B	Total/NA
Manganese	129		3.4	1.0	mg/Kg	20	☼	6020B	Total/NA
Nickel	8.4		1.7	0.55	mg/Kg	20	☼	6020B	Total/NA
Potassium	2290		84.1	30.3	mg/Kg	20	☼	6020B	Total/NA
Sodium	611		84.1	26.3	mg/Kg	20	☼	6020B	Total/NA
Vanadium	17.8		1.7	0.48	mg/Kg	20	☼	6020B	Total/NA
Zinc	54.8		6.7	3.3	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.033		0.017	0.010	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.094	J	0.25	0.065	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161306-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MR-9_1_1.5

Date Collected: 07/26/18 14:15
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-1

Matrix: Solid
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00011	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00011	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00018	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00014	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00019	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00012	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
1,4-Dioxane	0.024	U	0.024	0.011	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
2-Butanone (MEK)	0.0061	U	0.0061	0.0014	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
2-Hexanone	0.0061	U	0.0061	0.00095	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.00081	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Acetone	**0.014**		0.0061	0.0046	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Bromomethane	0.0012	U	0.0012	0.00058	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Carbon tetrachloride	0.0012	U	0.0012	0.00022	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chloroform	0.0012	U	0.0012	0.00039	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00019	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Isopropylbenzene	0.0012	U	0.0012	0.00015	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00015	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Methylcyclohexane	0.0012	U	0.0012	0.00020	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Methylene Chloride	0.0012	U	0.0012	0.00020	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
n-Butylbenzene	0.0012	U	0.0012	0.00017	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
o-Xylene	0.0012	U	0.0012	0.00012	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
sec-Butylbenzene	0.0012	U	0.0012	0.00011	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1

Client Sample ID: MR-9_1_1.5

Date Collected: 07/26/18 14:15
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-1

Matrix: Solid
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0012	U	0.0012	0.00015	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
tert-Butylbenzene	0.0012	U	0.0012	0.00015	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Tetrachloroethene	0.0012	U	0.0012	0.00017	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Toluene	0.0012	U	0.0012	0.00076	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Trichloroethene	0.0012	U	0.0012	0.00018	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1
Xylenes, Total	0.0024	U	0.0024	0.00031	mg/Kg	☼	07/27/18 06:37	07/29/18 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*78 - 135*	*07/27/18 06:37*	*07/29/18 15:19*	*1*
4-Bromofluorobenzene	*96*		*67 - 126*	*07/27/18 06:37*	*07/29/18 15:19*	*1*
Dibromofluoromethane (Surr)	*100*		*61 - 149*	*07/27/18 06:37*	*07/29/18 15:19*	*1*
Toluene-d8 (Surr)	*98*		*73 - 121*	*07/27/18 06:37*	*07/29/18 15:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0049	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4-Dichlorophenol	0.15	U	0.15	0.0078	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,4-Dinitrotoluene	0.075	U	0.075	0.019	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2,6-Dinitrotoluene	0.075	U	0.075	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Chlorophenol	0.37	U	0.37	0.0052	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Methylnaphthalene	**0.034**	**J**	0.37	0.0046	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Methylphenol	0.37	U *	0.37	0.0060	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
2-Nitrophenol	0.37	U	0.37	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
3 & 4 Methylphenol	0.37	U *	0.37	0.0063	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
3-Nitroaniline	0.37	U	0.37	0.020	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.060	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0048	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.0062	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Chloroaniline	0.37	U	0.37	0.026	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0059	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Methylphenol	0.37	U *	0.37	0.0063	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Acenaphthene	0.37	U	0.37	0.027	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Acenaphthylene	**0.044**	**J**	0.37	0.0038	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Acetophenone	**0.013**	**J**	0.37	0.0060	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1

Client Sample ID: MR-9_1_1.5

Date Collected: 07/26/18 14:15
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-1

Matrix: Solid
Percent Solids: 89.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.045**	**J**	0.37	0.0042	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Atrazine	0.15	U	0.15	0.0094	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzo[a]anthracene	**0.25**		0.037	0.013	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzo[a]pyrene	**0.31**		0.037	0.0099	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzo[b]fluoranthene	**0.45**		0.037	0.0096	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzo[g,h,i]perylene	**0.17**	**J**	0.37	0.011	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Benzo[k]fluoranthene	**0.17**		0.037	0.0073	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Bis(2-chloroethoxy)methane	0.37	U *	0.37	0.013	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Bis(2-chloroethyl)ether	0.037	U *	0.037	0.0045	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Bis(2-ethylhexyl) phthalate	**0.26**	**J**	0.37	0.020	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Caprolactam	0.37	U	0.37	0.022	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Carbazole	**0.028**	**J**	0.37	0.0043	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Chrysene	**0.28**	**J**	0.37	0.0063	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Dibenz(a,h)anthracene	**0.053**		0.037	0.016	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Dibenzofuran	0.37	U	0.37	0.0052	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Dimethyl phthalate	0.37	U	0.37	0.0045	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Di-n-butyl phthalate	0.37	U	0.37	0.065	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Fluoranthene	**0.34**	**J**	0.37	0.0048	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Fluorene	**0.012**	**J**	0.37	0.0050	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Hexachlorobenzene	0.037	U	0.037	0.0054	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Hexachloroethane	0.037	U	0.037	0.0057	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.037	0.014	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Isophorone	0.15	U	0.15	0.0098	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Naphthalene	**0.035**	**J**	0.37	0.0064	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Nitrobenzene	0.037	U	0.037	0.0089	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.0059	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0071	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Phenanthrene	**0.14**	**J**	0.37	0.0065	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Phenol	0.37	U *	0.37	0.0055	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1
Pyrene	**0.40**		0.37	0.0092	mg/Kg	☼	07/27/18 10:22	07/29/18 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 103*	*07/27/18 10:22*	*07/29/18 08:55*	*1*
2-Fluorobiphenyl	*73*		*38 - 95*	*07/27/18 10:22*	*07/29/18 08:55*	*1*
2-Fluorophenol (Surr)	*82*		*25 - 92*	*07/27/18 10:22*	*07/29/18 08:55*	*1*
Nitrobenzene-d5 (Surr)	*82*		*37 - 94*	*07/27/18 10:22*	*07/29/18 08:55*	*1*
Phenol-d5 (Surr)	*90*		*32 - 91*	*07/27/18 10:22*	*07/29/18 08:55*	*1*
Terphenyl-d14 (Surr)	*68*		*24 - 109*	*07/27/18 10:22*	*07/29/18 08:55*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1

Client Sample ID: MR-9_1_1.5

Date Collected: 07/26/18 14:15
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-1

Matrix: Solid
Percent Solids: 89.1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	07/27/18 10:09	07/28/18 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*07/27/18 10:09*	*07/28/18 00:12*	*1*
Tetrachloro-m-xylene	*115*		*74 - 150*	*07/27/18 10:09*	*07/28/18 00:12*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1221	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1232	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1242	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1248	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1254	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1260	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor-1262	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Aroclor 1268	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.010	mg/Kg	☼	07/27/18 10:00	07/28/18 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*53 - 150*	*07/27/18 10:00*	*07/28/18 10:18*	*1*
DCB Decachlorobiphenyl	*96*		*53 - 150*	*07/27/18 10:00*	*07/28/18 10:18*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	07/28/18 04:48	07/29/18 12:33	1
2,4-D	0.037	U	0.037	0.014	mg/Kg	☼	07/28/18 04:48	07/29/18 12:33	1
Silvex (2,4,5-TP)	0.037	U	0.037	0.0039	mg/Kg	☼	07/28/18 04:48	07/29/18 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*133*		*80 - 150*	*07/28/18 04:48*	*07/29/18 12:33*	*1*
2,4-Dichlorophenylacetic acid	*139*		*80 - 150*	*07/28/18 04:48*	*07/29/18 12:33*	*1*

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161306-1

Client Sample ID: MR-9_1_1.5

Lab Sample ID: 460-161306-1
Date Collected: 07/26/18 14:15
Matrix: Solid
Date Received: 07/26/18 19:00
Percent Solids: 89.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6940		17.1	5.9	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Antimony	0.86	U	0.86	0.25	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Arsenic	10.5		0.86	0.28	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Barium	130		1.7	0.57	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Beryllium	0.36		0.34	0.14	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Cadmium	0.84	J	0.86	0.29	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Calcium	69800		85.7	25.5	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Chromium	18.4		1.7	0.51	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Cobalt	5.6		1.7	0.52	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Copper	58.6		1.7	0.49	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Iron	16600		51.4	18.0	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Lead	134		0.51	0.16	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Magnesium	22000		85.7	23.8	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Manganese	194		3.4	1.0	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Nickel	19.6		1.7	0.56	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Potassium	1860		85.7	30.9	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Selenium	0.61	J	4.3	0.25	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Silver	0.86	U	0.86	0.53	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Sodium	745		85.7	26.8	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Thallium	0.30	J	0.34	0.11	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Vanadium	32.7		1.7	0.49	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20
Zinc	144		6.9	3.3	mg/Kg	☼	07/29/18 16:25	07/30/18 18:53	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.019	0.011	mg/Kg	☼	07/31/18 04:50	07/31/18 21:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.071	J	0.24	0.063	mg/Kg	☼	07/29/18 13:46	07/30/18 13:03	1

Client Sample ID: MR-9_8_9

Lab Sample ID: 460-161306-2
Date Collected: 07/26/18 14:20
Matrix: Solid
Date Received: 07/26/18 19:00
Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.000092	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.000094	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00014	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1

Client Sample ID: MR-9_8_9

Date Collected: 07/26/18 14:20
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-2

Matrix: Solid
Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00011	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00010	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
1,4-Dioxane	0.020	U	0.020	0.0092	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
2-Butanone (MEK)	**0.0043**	**J**	0.0050	0.0011	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
2-Hexanone	0.0050	U	0.0050	0.00078	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.00066	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Acetone	**0.023**		0.0050	0.0038	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Bromomethane	0.0010	U	0.0010	0.00047	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Carbon disulfide	**0.00074**	**J**	0.0010	0.00027	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Carbon tetrachloride	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chloroform	0.0010	U	0.0010	0.00032	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00012	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Methylcyclohexane	0.0010	U	0.0010	0.00016	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Methylene Chloride	**0.00032**	**J B**	0.0010	0.00016	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
n-Butylbenzene	0.0010	U	0.0010	0.00014	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
N-Propylbenzene	0.0010	U	0.0010	0.00017	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
o-Xylene	0.0010	U	0.0010	0.000095	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
sec-Butylbenzene	0.0010	U	0.0010	0.000088	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Styrene	0.0010	U	0.0010	0.00012	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
tert-Butylbenzene	0.0010	U	0.0010	0.00012	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Tetrachloroethene	0.0010	U	0.0010	0.00014	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Toluene	**0.0022**		0.0010	0.00062	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Trichloroethene	0.0010	U	0.0010	0.00014	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1
Xylenes, Total	0.0020	U	0.0020	0.00025	mg/Kg	☼	07/27/18 06:38	07/29/18 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 135*	*07/27/18 06:38*	*07/29/18 15:43*	*1*
4-Bromofluorobenzene	*95*		*67 - 126*	*07/27/18 06:38*	*07/29/18 15:43*	*1*

Client Sample ID: MR-9_8_9

Date Collected: 07/26/18 14:20
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-2

Matrix: Solid
Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		61 - 149	07/27/18 06:38	07/29/18 15:43	1
Toluene-d8 (Surr)	96		73 - 121	07/27/18 06:38	07/29/18 15:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0047	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.0047	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.018	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4-Dichlorophenol	0.14	U	0.14	0.0075	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4-Dimethylphenol	0.35	U	0.35	0.016	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,4-Dinitrotoluene	0.072	U	0.072	0.018	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Chlorophenol	0.35	U	0.35	0.0050	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Methylnaphthalene	0.35	U	0.35	0.0044	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Methylphenol	0.35	U *	0.35	0.0057	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
2-Nitrophenol	0.35	U	0.35	0.011	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
3 & 4 Methylphenol	0.35	U *	0.35	0.0061	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
3-Nitroaniline	0.35	U	0.35	0.019	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.058	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.0046	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.0059	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Chloroaniline	0.35	U	0.35	0.025	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.0056	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Methylphenol	0.35	U *	0.35	0.0061	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Acenaphthene	0.35	U	0.35	0.026	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Acenaphthylene	0.35	U	0.35	0.0037	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Acetophenone	0.35	U	0.35	0.0057	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Anthracene	0.35	U	0.35	0.0040	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Atrazine	0.14	U	0.14	0.0090	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzaldehyde	0.35	U	0.35	0.015	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzo[a]anthracene	0.035	U	0.035	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzo[a]pyrene	**0.024**	**J**	0.035	0.0095	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzo[b]fluoranthene	**0.045**		0.035	0.0092	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzo[g,h,i]perylene	**0.031**	**J**	0.35	0.010	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Bis(2-chloroethoxy)methane	0.35	U *	0.35	0.012	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Bis(2-chloroethyl)ether	0.035	U *	0.035	0.0043	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Bis(2-ethylhexyl) phthalate	**1.0**		0.35	0.019	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Caprolactam	0.35	U	0.35	0.021	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1

Client Sample ID: MR-9_8_9

Date Collected: 07/26/18 14:20
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-2

Matrix: Solid
Percent Solids: 92.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	0.35	U	0.35	0.0042	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Chrysene	0.35	U	0.35	0.0060	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Dibenzofuran	0.35	U	0.35	0.0050	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Diethyl phthalate	0.35	U	0.35	0.0052	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Dimethyl phthalate	0.35	U	0.35	0.0043	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Di-n-butyl phthalate	0.35	U	0.35	0.063	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Fluoranthene	**0.028**	**J**	0.35	0.0046	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Fluorene	0.35	U	0.35	0.0048	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Hexachlorobenzene	0.035	U	0.035	0.0052	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Hexachloroethane	0.035	U	0.035	0.0055	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Isophorone	0.14	U	0.14	0.0094	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Nitrobenzene	0.035	U	0.035	0.0085	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.0057	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.0068	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Phenanthrene	**0.018**	**J**	0.35	0.0062	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Phenol	0.35	U *	0.35	0.0053	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	07/27/18 10:22	07/29/18 06:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*46*		*10 - 103*	*07/27/18 10:22*	*07/29/18 06:38*	*1*
2-Fluorobiphenyl	*58*		*38 - 95*	*07/27/18 10:22*	*07/29/18 06:38*	*1*
2-Fluorophenol (Surr)	*68*		*25 - 92*	*07/27/18 10:22*	*07/29/18 06:38*	*1*
Nitrobenzene-d5 (Surr)	*65*		*37 - 94*	*07/27/18 10:22*	*07/29/18 06:38*	*1*
Phenol-d5 (Surr)	*74*		*32 - 91*	*07/27/18 10:22*	*07/29/18 06:38*	*1*
Terphenyl-d14 (Surr)	*56*		*24 - 109*	*07/27/18 10:22*	*07/29/18 06:38*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1

Client Sample ID: MR-9_8_9

Date Collected: 07/26/18 14:20
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-2

Matrix: Solid
Percent Solids: 92.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	07/27/18 10:09	07/28/18 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*07/27/18 10:09*	*07/28/18 00:25*	*1*
Tetrachloro-m-xylene	*108*		*74 - 150*	*07/27/18 10:09*	*07/28/18 00:25*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.0096	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1221	0.072	U	0.072	0.0096	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1232	0.072	U	0.072	0.0096	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1242	0.072	U	0.072	0.0096	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1248	0.072	U	0.072	0.0096	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1254	0.072	U	0.072	0.0099	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1260	0.072	U	0.072	0.0099	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor-1262	0.072	U	0.072	0.0099	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Aroclor 1268	0.072	U	0.072	0.0099	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.0099	mg/Kg	☼	07/27/18 10:00	07/28/18 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*53 - 150*	*07/27/18 10:00*	*07/28/18 10:34*	*1*
DCB Decachlorobiphenyl	*84*		*53 - 150*	*07/27/18 10:00*	*07/28/18 10:34*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	07/28/18 04:48	07/29/18 12:47	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	07/28/18 04:48	07/29/18 12:47	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0037	mg/Kg	☼	07/28/18 04:48	07/29/18 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*128*		*80 - 150*	*07/28/18 04:48*	*07/29/18 12:47*	*1*
2,4-Dichlorophenylacetic acid	*132*		*80 - 150*	*07/28/18 04:48*	*07/29/18 12:47*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4960**		16.8	5.8	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Antimony	0.84	U	0.84	0.25	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Arsenic	**1.8**		0.84	0.27	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Barium	**53.5**		1.7	0.56	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Beryllium	**0.14**	**J**	0.34	0.14	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Cadmium	0.84	U	0.84	0.28	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Calcium	**141000**		84.1	25.0	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Chromium	**10.7**		1.7	0.50	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Cobalt	**3.2**		1.7	0.51	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Copper	**15.6**		1.7	0.48	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Iron	**7230**		50.5	17.7	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20

Client Sample ID: MR-9_8_9

Date Collected: 07/26/18 14:20
Date Received: 07/26/18 19:00

Lab Sample ID: 460-161306-2

Matrix: Solid
Percent Solids: 92.9

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**34.0**		0.50	0.16	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Magnesium	**64500**		84.1	23.4	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Manganese	**129**		3.4	1.0	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Nickel	**8.4**		1.7	0.55	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Potassium	**2290**		84.1	30.3	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Selenium	4.2	U	4.2	0.24	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Silver	0.84	U	0.84	0.52	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Sodium	**611**		84.1	26.3	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Thallium	0.34	U	0.34	0.11	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Vanadium	**17.8**		1.7	0.48	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20
Zinc	**54.8**		6.7	3.3	mg/Kg	☼	07/29/18 16:25	07/30/18 19:03	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.033**		0.017	0.010	mg/Kg	☼	07/31/18 04:50	07/31/18 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.094**	**J**	0.25	0.065	mg/Kg	☼	07/29/18 13:46	07/30/18 13:04	1

ANALYTICAL REPORT

Job Number: 460-161504-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
8/7/2018 4:30 PM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
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melissa.haas@testamericainc.com
08/07/2018

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-161504-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
8/7/2018 4:30 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161504-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 07/30/2018; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 07/31/2018 and analyzed on 08/01/2018.

The continuing calibration verification (CCV) associated with batch 460-541139 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 07/31/2018 and analyzed on 08/01/2018.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 07/31/2018 and analyzed on 08/01/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared and analyzed on 07/31/2018.

No difficulties were encountered during the herbicides analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/31/2018 and analyzed on 08/01/2018.

The continuing calibration verification (CCV) associated with batch 460-541105 recovered above the upper control limit for Di-n-octyl phthalate and Hexachlorocyclopentadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 460-541046 had one analyte (Hexachlorobutadiene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Several analytes failed the recovery criteria low for the MS of sample 460-161493-1 in batch 460-541105.

Several analytes failed the recovery criteria low for the MSD of sample 460-161493-1 in batch 460-541105.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018.

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/02/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 08/01/2018.

Cyanide, Total failed the recovery criteria high for the MS of sample MR-14_1_1.5MS (460-161504-1) in batch 460-541390.

Cyanide, Total failed the recovery criteria high for the MSD of sample MR-14_1_1.5MSD (460-161504-1) in batch 460-541390.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples MR-14_1_1.5 (460-161504-1) and MR-14_5_6 (460-161504-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 07/31/2018 and 08/01/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161504-1	MR-14_1_1.5	Solid	07/30/18 08:45	07/30/18 19:00
460-161504-2	MR-14_5_6	Solid	07/30/18 08:55	07/30/18 19:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Client Sample ID: MR-14_1_1.5 — Lab Sample ID: 460-161504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0026	J	0.0053	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.0069		0.0053	0.0040	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.00033	J	0.0011	0.00015	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00016	J	0.0011	0.00015	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.017	J	0.38	0.0048	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.043	J	0.38	0.028	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.025	J	0.38	0.0040	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.14	J	0.38	0.0043	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.71		0.038	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.58		0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.75		0.038	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.32	J	0.38	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.30		0.038	0.0075	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.40		0.38	0.020	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.043	J	0.38	0.0045	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.78		0.38	0.0065	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.089		0.038	0.017	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.016	J	0.38	0.0054	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	1.3		0.38	0.0050	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.033	J	0.38	0.0052	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.39		0.038	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.034	J	0.38	0.0066	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.65		0.38	0.0067	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.4		0.38	0.0095	mg/Kg	1	☼	8270D	Total/NA
2,4-D	0.021	J p	0.039	0.014	mg/Kg	1	☼	8151A	Total/NA
Aluminum	11700		18.4	6.3	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.7		0.92	0.30	mg/Kg	20	☼	6020B	Total/NA
Barium	57.1		1.8	0.61	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.56		0.37	0.15	mg/Kg	20	☼	6020B	Total/NA
Calcium	10800		92.0	27.3	mg/Kg	20	☼	6020B	Total/NA
Chromium	20.6		1.8	0.55	mg/Kg	20	☼	6020B	Total/NA
Cobalt	7.2		1.8	0.55	mg/Kg	20	☼	6020B	Total/NA
Copper	20.3		1.8	0.53	mg/Kg	20	☼	6020B	Total/NA
Iron	16900		55.2	19.3	mg/Kg	20	☼	6020B	Total/NA
Lead	29.9		0.55	0.17	mg/Kg	20	☼	6020B	Total/NA
Magnesium	9620		92.0	25.6	mg/Kg	20	☼	6020B	Total/NA
Manganese	406		3.7	1.1	mg/Kg	20	☼	6020B	Total/NA
Nickel	16.1		1.8	0.60	mg/Kg	20	☼	6020B	Total/NA
Potassium	1370		92.0	33.1	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.33	J	4.6	0.27	mg/Kg	20	☼	6020B	Total/NA
Sodium	793		92.0	28.8	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.37	0.11	mg/Kg	20	☼	6020B	Total/NA
Vanadium	23.3		1.8	0.52	mg/Kg	20	☼	6020B	Total/NA
Zinc	63.6		7.4	3.6	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.17		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.081	J	0.24	0.063	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: MR-14_5_6 — Lab Sample ID: 460-161504-2

This Detection Summary does not include radiochemical test results.

Client Sample ID: MR-14_5_6 (Continued) — Lab Sample ID: 460-161504-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0015	J	0.0054	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.0046	J	0.0054	0.0041	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.00017	J	0.0011	0.00016	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.016	J	0.38	0.0039	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.074	J	0.38	0.0042	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.34		0.038	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.30		0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.38		0.038	0.0098	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.19	J	0.38	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.16		0.038	0.0074	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.24	J	0.38	0.020	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.021	J	0.38	0.0044	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.35	J	0.38	0.0064	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.040		0.038	0.016	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.012	J	0.38	0.0053	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.60		0.38	0.0049	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.017	J	0.38	0.0051	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.22		0.038	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.012	J	0.38	0.0065	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.32	J	0.38	0.0066	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.63		0.38	0.0094	mg/Kg	1	☼	8270D	Total/NA
Aluminum	12700		16.7	5.7	mg/Kg	20	☼	6020B	Total/NA
Arsenic	5.4		0.83	0.27	mg/Kg	20	☼	6020B	Total/NA
Barium	122		1.7	0.55	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.65		0.33	0.13	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.6		0.83	0.28	mg/Kg	20	☼	6020B	Total/NA
Calcium	13900		83.5	24.8	mg/Kg	20	☼	6020B	Total/NA
Chromium	24.1		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Cobalt	7.5		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Copper	35.6		1.7	0.48	mg/Kg	20	☼	6020B	Total/NA
Iron	20800		50.1	17.5	mg/Kg	20	☼	6020B	Total/NA
Lead	162		0.50	0.16	mg/Kg	20	☼	6020B	Total/NA
Magnesium	6490		83.5	23.2	mg/Kg	20	☼	6020B	Total/NA
Manganese	537		3.3	1.0	mg/Kg	20	☼	6020B	Total/NA
Nickel	18.2		1.7	0.54	mg/Kg	20	☼	6020B	Total/NA
Potassium	1560		83.5	30.0	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.44	J	4.2	0.24	mg/Kg	20	☼	6020B	Total/NA
Silver	39.5		0.83	0.52	mg/Kg	20	☼	6020B	Total/NA
Sodium	731		83.5	26.1	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.15	J	0.33	0.10	mg/Kg	20	☼	6020B	Total/NA
Vanadium	29.3		1.7	0.47	mg/Kg	20	☼	6020B	Total/NA
Zinc	366		6.7	3.3	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.099		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.11	J	0.25	0.064	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Client Sample ID: MR-14_1_1.5

Date Collected: 07/30/18 08:45
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-1

Matrix: Solid
Percent Solids: 86.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000097	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
1,4-Dioxane	0.021	U	0.021	0.0097	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
2-Butanone (MEK)	**0.0026**	**J**	0.0053	0.0012	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
2-Hexanone	0.0053	U	0.0053	0.00082	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.00070	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Acetone	**0.0069**		0.0053	0.0040	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Benzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Bromomethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Carbon tetrachloride	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Ethylbenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Isopropylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Methylene Chloride	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00018	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
o-Xylene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Tetrachloroethene	**0.00033**	**J**	0.0011	0.00015	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Toluene	0.0011	U	0.0011	0.00066	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1

Client Sample ID: MR-14_1_1.5

Date Collected: 07/30/18 08:45
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-1

Matrix: Solid
Percent Solids: 86.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**0.00016**	**J**	0.0011	0.00015	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	07/31/18 08:08	08/01/18 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*78 - 135*	*07/31/18 08:08*	*08/01/18 02:51*	*1*
4-Bromofluorobenzene	*95*		*67 - 126*	*07/31/18 08:08*	*08/01/18 02:51*	*1*
Dibromofluoromethane (Surr)	*104*		*61 - 149*	*07/31/18 08:08*	*08/01/18 02:51*	*1*
Toluene-d8 (Surr)	*102*		*73 - 121*	*07/31/18 08:08*	*08/01/18 02:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0051	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0050	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4-Dichlorophenol	0.15	U	0.15	0.0081	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,4-Dinitrotoluene	0.078	U	0.078	0.019	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2,6-Dinitrotoluene	0.078	U	0.078	0.012	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Chlorophenol	0.38	U	0.38	0.0054	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Methylnaphthalene	**0.017**	**J**	0.38	0.0048	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Methylphenol	0.38	U	0.38	0.0062	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
2-Nitrophenol	0.38	U	0.38	0.012	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
3-Nitroaniline	0.38	U	0.38	0.021	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.062	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0050	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.0064	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Chloroaniline	0.38	U	0.38	0.027	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.0060	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
4-Nitrophenol	0.78	U	0.78	0.062	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Acenaphthene	**0.043**	**J**	0.38	0.028	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Acenaphthylene	**0.025**	**J**	0.38	0.0040	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Acetophenone	0.38	U	0.38	0.0062	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Anthracene	**0.14**	**J**	0.38	0.0043	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Atrazine	0.15	U	0.15	0.0097	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzaldehyde	0.38	U	0.38	0.017	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzo[a]anthracene	**0.71**		0.038	0.013	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzo[a]pyrene	**0.58**		0.038	0.010	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzo[b]fluoranthene	**0.75**		0.038	0.0099	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzo[g,h,i]perylene	**0.32**	**J**	0.38	0.011	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Benzo[k]fluoranthene	**0.30**		0.038	0.0075	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1

Client Sample ID: MR-14_1_1.5

Date Collected: 07/30/18 08:45
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-1
Matrix: Solid
Percent Solids: 86.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.013	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.0046	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Bis(2-ethylhexyl) phthalate	**0.40**		0.38	0.020	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Caprolactam	0.38	U	0.38	0.023	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Carbazole	**0.043**	**J**	0.38	0.0045	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Chrysene	**0.78**		0.38	0.0065	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Dibenz(a,h)anthracene	**0.089**		0.038	0.017	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Dibenzofuran	**0.016**	**J**	0.38	0.0054	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Dimethyl phthalate	0.38	U	0.38	0.0046	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Di-n-butyl phthalate	0.38	U	0.38	0.068	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Fluoranthene	**1.3**		0.38	0.0050	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Fluorene	**0.033**	**J**	0.38	0.0052	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Hexachlorobenzene	0.038	U	0.038	0.0056	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Hexachlorobutadiene	0.078	U *	0.078	0.0081	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Hexachloroethane	0.038	U	0.038	0.0059	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Indeno[1,2,3-cd]pyrene	**0.39**		0.038	0.015	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Isophorone	0.15	U	0.15	0.010	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Naphthalene	**0.034**	**J**	0.38	0.0066	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Nitrobenzene	0.038	U	0.038	0.0092	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.0061	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0073	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Phenanthrene	**0.65**		0.38	0.0067	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Phenol	0.38	U	0.38	0.0057	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1
Pyrene	**1.4**		0.38	0.0095	mg/Kg	☼	07/31/18 11:03	08/01/18 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*45*		*10 - 103*	*07/31/18 11:03*	*08/01/18 01:22*	*1*
2-Fluorobiphenyl	*51*		*38 - 95*	*07/31/18 11:03*	*08/01/18 01:22*	*1*
2-Fluorophenol (Surr)	*72*		*25 - 92*	*07/31/18 11:03*	*08/01/18 01:22*	*1*
Nitrobenzene-d5 (Surr)	*60*		*37 - 94*	*07/31/18 11:03*	*08/01/18 01:22*	*1*
Phenol-d5 (Surr)	*72*		*32 - 91*	*07/31/18 11:03*	*08/01/18 01:22*	*1*
Terphenyl-d14 (Surr)	*47*		*24 - 109*	*07/31/18 11:03*	*08/01/18 01:22*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
4,4'-DDE	0.0078	U	0.0078	0.00091	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1

Client Sample ID: MR-14_1_1.5

Date Collected: 07/30/18 08:45
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-1

Matrix: Solid
Percent Solids: 86.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Endosulfan sulfate	0.0078	U	0.0078	0.00097	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Heptachlor	0.0078	U	0.0078	0.00091	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	07/31/18 20:20	08/01/18 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*69 - 150*	*07/31/18 20:20*	*08/01/18 10:32*	*1*
DCB Decachlorobiphenyl	*93*		*69 - 150*	*07/31/18 20:20*	*08/01/18 10:32*	*1*
Tetrachloro-m-xylene	*94*		*74 - 150*	*07/31/18 20:20*	*08/01/18 10:32*	*1*
Tetrachloro-m-xylene	*94*		*74 - 150*	*07/31/18 20:20*	*08/01/18 10:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1221	0.078	U	0.078	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1232	0.078	U	0.078	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1242	0.078	U	0.078	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1248	0.078	U	0.078	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1254	0.078	U	0.078	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1260	0.078	U	0.078	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor-1262	0.078	U	0.078	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Aroclor 1268	0.078	U	0.078	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*53 - 150*	*07/31/18 20:27*	*08/01/18 13:09*	*1*
DCB Decachlorobiphenyl	*93*		*53 - 150*	*07/31/18 20:27*	*08/01/18 13:09*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0082	mg/Kg	☼	07/31/18 03:37	07/31/18 10:11	1
2,4-D	**0.021**	**J p**	0.039	0.014	mg/Kg	☼	07/31/18 03:37	07/31/18 10:11	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0040	mg/Kg	☼	07/31/18 03:37	07/31/18 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*141*		*80 - 150*	*07/31/18 03:37*	*07/31/18 10:11*	*1*
2,4-Dichlorophenylacetic acid	*128*		*80 - 150*	*07/31/18 03:37*	*07/31/18 10:11*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11700**		18.4	6.3	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Antimony	0.92	U	0.92	0.27	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Arsenic	**3.7**		0.92	0.30	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Barium	**57.1**		1.8	0.61	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Beryllium	**0.56**		0.37	0.15	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20

Client Sample ID: MR-14_1_1.5

Lab Sample ID: 460-161504-1
Date Collected: 07/30/18 08:45
Matrix: Solid
Date Received: 07/30/18 19:00
Percent Solids: 86.3

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.92	U	0.92	0.31	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Calcium	**10800**		92.0	27.3	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Chromium	**20.6**		1.8	0.55	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Cobalt	**7.2**		1.8	0.55	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Copper	**20.3**		1.8	0.53	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Iron	**16900**		55.2	19.3	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Lead	**29.9**		0.55	0.17	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Magnesium	**9620**		92.0	25.6	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Manganese	**406**		3.7	1.1	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Nickel	**16.1**		1.8	0.60	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Potassium	**1370**		92.0	33.1	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Selenium	**0.33**	**J**	4.6	0.27	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Silver	0.92	U	0.92	0.57	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Sodium	**793**		92.0	28.8	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Thallium	**0.13**	**J**	0.37	0.11	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Vanadium	**23.3**		1.8	0.52	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20
Zinc	**63.6**		7.4	3.6	mg/Kg	☼	08/05/18 23:16	08/06/18 14:07	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.17**		0.019	0.011	mg/Kg	☼	08/02/18 03:59	08/02/18 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.081**	**J**	0.24	0.063	mg/Kg	☼	08/01/18 08:18	08/01/18 12:12	1

Client Sample ID: MR-14_5_6

Lab Sample ID: 460-161504-2
Date Collected: 07/30/18 08:55
Matrix: Solid
Date Received: 07/30/18 19:00
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
1,4-Dioxane	0.022	U	0.022	0.010	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
2-Butanone (MEK)	**0.0015**	**J**	0.0054	0.0012	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
2-Hexanone	0.0054	U	0.0054	0.00085	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.00072	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1

Client Sample ID: MR-14_5_6

Date Collected: 07/30/18 08:55
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-2

Matrix: Solid
Percent Solids: 87.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0046**	**J**	0.0054	0.0041	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Benzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Bromomethane	0.0011	U	0.0011	0.00052	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Carbon tetrachloride	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chlorobromomethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chloroform	0.0011	U	0.0011	0.00035	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00014	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Methylene Chloride	0.0011	U	0.0011	0.00018	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
o-Xylene	0.0011	U	0.0011	0.00010	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Tetrachloroethene	**0.00017**	**J**	0.0011	0.00016	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Toluene	0.0011	U	0.0011	0.00068	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Trichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	07/31/18 08:09	08/01/18 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*78 - 135*	*07/31/18 08:09*	*08/01/18 03:16*	*1*
4-Bromofluorobenzene	*93*		*67 - 126*	*07/31/18 08:09*	*08/01/18 03:16*	*1*
Dibromofluoromethane (Surr)	*106*		*61 - 149*	*07/31/18 08:09*	*08/01/18 03:16*	*1*
Toluene-d8 (Surr)	*101*		*73 - 121*	*07/31/18 08:09*	*08/01/18 03:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0050	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0049	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0068	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.012	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,4-Dichlorophenol	0.15	U	0.15	0.0080	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1

Client Sample ID: MR-14_5_6

Date Collected: 07/30/18 08:55
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-2

Matrix: Solid
Percent Solids: 87.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,4-Dinitrophenol	0.30	U	0.30	0.19	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,4-Dinitrotoluene	0.077	U	0.077	0.019	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2,6-Dinitrotoluene	0.077	U	0.077	0.012	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Chloronaphthalene	0.38	U	0.38	0.017	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Chlorophenol	0.38	U	0.38	0.0053	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Methylnaphthalene	0.38	U	0.38	0.0047	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Methylphenol	0.38	U	0.38	0.0061	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
2-Nitrophenol	0.38	U	0.38	0.012	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
3-Nitroaniline	0.38	U	0.38	0.020	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.061	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0049	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.0063	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Chloroaniline	0.38	U	0.38	0.026	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.0060	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Methylphenol	0.38	U	0.38	0.0064	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Acenaphthene	0.38	U	0.38	0.027	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Acenaphthylene	**0.016**	**J**	0.38	0.0039	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Acetophenone	0.38	U	0.38	0.0061	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Anthracene	**0.074**	**J**	0.38	0.0042	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Atrazine	0.15	U	0.15	0.0095	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzaldehyde	0.38	U	0.38	0.016	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzo[a]anthracene	**0.34**		0.038	0.013	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzo[a]pyrene	**0.30**		0.038	0.010	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzo[b]fluoranthene	**0.38**		0.038	0.0098	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzo[g,h,i]perylene	**0.19**	**J**	0.38	0.011	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Benzo[k]fluoranthene	**0.16**		0.038	0.0074	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.013	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.0046	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Bis(2-ethylhexyl) phthalate	**0.24**	**J**	0.38	0.020	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Caprolactam	0.38	U	0.38	0.023	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Carbazole	**0.021**	**J**	0.38	0.0044	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Chrysene	**0.35**	**J**	0.38	0.0064	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Dibenz(a,h)anthracene	**0.040**		0.038	0.016	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Dibenzofuran	**0.012**	**J**	0.38	0.0053	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Dimethyl phthalate	0.38	U	0.38	0.0046	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Di-n-butyl phthalate	0.38	U	0.38	0.067	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Fluoranthene	**0.60**		0.38	0.0049	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Fluorene	**0.017**	**J**	0.38	0.0051	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Hexachlorobenzene	0.038	U	0.038	0.0055	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Hexachlorobutadiene	0.077	U *	0.077	0.0080	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1

Client Sample ID: MR-14_5_6

Date Collected: 07/30/18 08:55
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-2

Matrix: Solid
Percent Solids: 87.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.038	U	0.038	0.0058	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Indeno[1,2,3-cd]pyrene	**0.22**		0.038	0.015	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Isophorone	0.15	U	0.15	0.0099	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Naphthalene	**0.012**	**J**	0.38	0.0065	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Nitrobenzene	0.038	U	0.038	0.0091	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.0060	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0072	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Phenanthrene	**0.32**	**J**	0.38	0.0066	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Phenol	0.38	U	0.38	0.0056	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1
Pyrene	**0.63**		0.38	0.0094	mg/Kg	☼	07/31/18 11:03	08/01/18 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 103*	*07/31/18 11:03*	*08/01/18 01:39*	*1*
2-Fluorobiphenyl	*57*		*38 - 95*	*07/31/18 11:03*	*08/01/18 01:39*	*1*
2-Fluorophenol (Surr)	*68*		*25 - 92*	*07/31/18 11:03*	*08/01/18 01:39*	*1*
Nitrobenzene-d5 (Surr)	*63*		*37 - 94*	*07/31/18 11:03*	*08/01/18 01:39*	*1*
Phenol-d5 (Surr)	*67*		*32 - 91*	*07/31/18 11:03*	*08/01/18 01:39*	*1*
Terphenyl-d14 (Surr)	*60*		*24 - 109*	*07/31/18 11:03*	*08/01/18 01:39*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
4,4'-DDE	0.0077	U	0.0077	0.00090	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Dieldrin	0.0023	U	0.0023	0.00099	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endosulfan sulfate	0.0077	U	0.0077	0.00096	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Heptachlor	0.0077	U	0.0077	0.00090	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Methoxychlor	0.0077	U	0.0077	0.0017	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	07/31/18 20:20	08/01/18 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*69 - 150*	*07/31/18 20:20*	*08/01/18 10:44*	*1*
DCB Decachlorobiphenyl	*86*		*69 - 150*	*07/31/18 20:20*	*08/01/18 10:44*	*1*
Tetrachloro-m-xylene	*89*		*74 - 150*	*07/31/18 20:20*	*08/01/18 10:44*	*1*
Tetrachloro-m-xylene	*88*		*74 - 150*	*07/31/18 20:20*	*08/01/18 10:44*	*1*

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Client Sample ID: MR-14_5_6

Date Collected: 07/30/18 08:55
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-2

Matrix: Solid
Percent Solids: 87.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1221	0.077	U	0.077	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1232	0.077	U	0.077	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1242	0.077	U	0.077	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1248	0.077	U	0.077	0.010	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1254	0.077	U	0.077	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1260	0.077	U	0.077	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor-1262	0.077	U	0.077	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Aroclor 1268	0.077	U	0.077	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.011	mg/Kg	☼	07/31/18 20:27	08/01/18 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*53 - 150*	*07/31/18 20:27*	*08/01/18 13:25*	*1*
DCB Decachlorobiphenyl	*86*		*53 - 150*	*07/31/18 20:27*	*08/01/18 13:25*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0081	mg/Kg	☼	07/31/18 03:37	07/31/18 10:26	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	07/31/18 03:37	07/31/18 10:26	1
Silvex (2,4,5-TP)	0.038	U	0.038	0.0040	mg/Kg	☼	07/31/18 03:37	07/31/18 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*139*		*80 - 150*	*07/31/18 03:37*	*07/31/18 10:26*	*1*
2,4-Dichlorophenylacetic acid	*134*		*80 - 150*	*07/31/18 03:37*	*07/31/18 10:26*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12700**		16.7	5.7	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Antimony	0.83	U	0.83	0.24	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Arsenic	**5.4**		0.83	0.27	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Barium	**122**		1.7	0.55	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Beryllium	**0.65**		0.33	0.13	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Cadmium	**1.6**		0.83	0.28	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Calcium	**13900**		83.5	24.8	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Chromium	**24.1**		1.7	0.50	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Cobalt	**7.5**		1.7	0.50	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Copper	**35.6**		1.7	0.48	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Iron	**20800**		50.1	17.5	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Lead	**162**		0.50	0.16	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Magnesium	**6490**		83.5	23.2	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Manganese	**537**		3.3	1.0	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Nickel	**18.2**		1.7	0.54	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Potassium	**1560**		83.5	30.0	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Selenium	**0.44**	**J**	4.2	0.24	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Silver	**39.5**		0.83	0.52	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Sodium	**731**		83.5	26.1	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Thallium	**0.15**	**J**	0.33	0.10	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Vanadium	**29.3**		1.7	0.47	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20
Zinc	**366**		6.7	3.3	mg/Kg	☼	08/05/18 23:16	08/06/18 14:09	20

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161504-1

Client Sample ID: MR-14_5_6

Date Collected: 07/30/18 08:55
Date Received: 07/30/18 19:00

Lab Sample ID: 460-161504-2

Matrix: Solid
Percent Solids: 87.5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.099		0.019	0.011	mg/Kg	☼	08/02/18 03:59	08/02/18 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.11	J	0.25	0.064	mg/Kg	☼	08/01/18 08:18	08/01/18 12:15	1

ANALYTICAL REPORT

Job Number: 460-161874-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:26 AM

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11/16/2018
Revision: 1

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Job Number: 460-161874-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:26 AM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161874-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-161874-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs, and Pesticides.

RECEIPT
The samples were received on 08/03/2018; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.5 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Methylene Chloride and Trichlorofluoromethane were detected in method blank MB 460-542573/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 460-543232/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Chloromethane failed the recovery criteria high for LCS 460-543232/3. 4-Methyl-2-pentanone (MIBK) failed the recovery criteria high for LCSD 460-542573/4. Refer to the QC report for details.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/03/2018 and analyzed on 08/09/2018.

The continuing calibration verification (CCV) associated with batch 460-542573 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-542573 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone (MIBK). This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-543232 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-543232 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

2,4-Dichlorophenylacetic acid failed the surrogate recovery criteria high for 460-161592-A-2-B MS. Refer to the QC report for details.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018.

Several analytes failed the recovery criteria low for the MS of sample MR-7_0.5_2.5MS (460-161874-1) in batch 460-542427. 3,3'-Dichlorobenzidine failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample MR-7_0.5_2.5MSD (460-161874-1) in batch 460-542427. 3,3'-Dichlorobenzidine failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018.

Antimony failed the recovery criteria low for the MS of sample 460-161898-14 in batch 460-542571. Several analytes failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/08/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018.

The method blank for batch 542519 contained Cyanide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Sample MR-7_0.5_2.5 (460-161874-1) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/07/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161874-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161874-1	MR-7_0.5_2.5	Solid	08/02/18 04:55	08/03/18 19:30

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161874-1

Client Sample ID: MR-7_0.5_2.5 — Lab Sample ID: 460-161874-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00021	J B	0.0011	0.00018	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.43		0.36	0.0045	mg/Kg	1	☼	8270D	Total/NA
3 & 4 Methylphenol	0.016	J	0.36	0.0062	mg/Kg	1	☼	8270D	Total/NA
4-Methylphenol	0.016	J	0.36	0.0062	mg/Kg	1	☼	8270D	Total/NA
Acetophenone	0.072	J	0.36	0.0058	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.16	J	0.36	0.0040	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.63		0.36	0.0049	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	1.3		0.36	0.0063	mg/Kg	1	☼	8270D	Total/NA
Phenol	0.018	J	0.36	0.0054	mg/Kg	1	☼	8270D	Total/NA
Aluminum	11300		16.7	5.7	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.4		0.83	0.27	mg/Kg	20	☼	6020B	Total/NA
Barium	75.7		1.7	0.55	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.64		0.33	0.13	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.29	J	0.83	0.28	mg/Kg	20	☼	6020B	Total/NA
Calcium	57100		83.4	24.8	mg/Kg	20	☼	6020B	Total/NA
Chromium	23.4		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Cobalt	7.2		1.7	0.50	mg/Kg	20	☼	6020B	Total/NA
Copper	21.3		1.7	0.48	mg/Kg	20	☼	6020B	Total/NA
Iron	16600		50.1	17.5	mg/Kg	20	☼	6020B	Total/NA
Lead	82.4		0.50	0.16	mg/Kg	20	☼	6020B	Total/NA
Magnesium	34200		83.4	23.2	mg/Kg	20	☼	6020B	Total/NA
Manganese	319		3.3	1.0	mg/Kg	20	☼	6020B	Total/NA
Nickel	16.1		1.7	0.54	mg/Kg	20	☼	6020B	Total/NA
Potassium	2810		83.4	30.0	mg/Kg	20	☼	6020B	Total/NA
Sodium	354		83.4	26.1	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.15	J	0.33	0.10	mg/Kg	20	☼	6020B	Total/NA
Vanadium	30.8		1.7	0.47	mg/Kg	20	☼	6020B	Total/NA
Zinc	175		6.7	3.3	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.060		0.018	0.011	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.14	J B	0.25	0.066	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161874-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MR-7_0.5_2.5

Date Collected: 08/02/18 04:55
Date Received: 08/03/18 19:30

Lab Sample ID: 460-161874-1

Matrix: Solid
Percent Solids: 91.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
1,4-Dioxane	0.022	U	0.022	0.010	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
2-Butanone (MEK)	0.0055	U	0.0055	0.0012	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
2-Hexanone	0.0055	U	0.0055	0.00085	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.00072	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Acetone	0.0055	U	0.0055	0.0041	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Benzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Bromomethane	0.0011	U	0.0011	0.00052	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00020	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chloroform	0.0011	U	0.0011	0.00035	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Chloromethane	0.0011	U *	0.0011	0.00047	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00017	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00014	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Methylene Chloride	**0.00021**	**J B**	0.0011	0.00018	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
n-Butylbenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
N-Propylbenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
o-Xylene	0.0011	U	0.0011	0.00010	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
sec-Butylbenzene	0.0011	U	0.0011	0.000096	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1

Client Sample ID: MR-7_0.5_2.5

Date Collected: 08/02/18 04:55
Date Received: 08/03/18 19:30

Lab Sample ID: 460-161874-1

Matrix: Solid
Percent Solids: 91.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
tert-Butylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Toluene	0.0011	U	0.0011	0.00068	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Trichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1
Xylenes, Total	0.0022	U	0.0022	0.00028	mg/Kg	☼	08/03/18 22:56	08/09/18 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*78 - 135*	*08/03/18 22:56*	*08/09/18 02:38*	*1*
4-Bromofluorobenzene	*98*		*67 - 126*	*08/03/18 22:56*	*08/09/18 02:38*	*1*
Dibromofluoromethane (Surr)	*106*		*61 - 149*	*08/03/18 22:56*	*08/09/18 02:38*	*1*
Toluene-d8 (Surr)	*102*		*73 - 121*	*08/03/18 22:56*	*08/09/18 02:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0048	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0047	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.012	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.018	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4-Dichlorophenol	0.15	U	0.15	0.0076	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,4-Dinitrotoluene	0.073	U	0.073	0.018	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2,6-Dinitrotoluene	0.073	U	0.073	0.012	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Chlorophenol	0.36	U	0.36	0.0051	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Methylnaphthalene	**0.43**		0.36	0.0045	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Methylphenol	0.36	U	0.36	0.0058	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
2-Nitrophenol	0.36	U	0.36	0.012	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
3 & 4 Methylphenol	**0.016**	**J**	0.36	0.0062	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
3-Nitroaniline	0.36	U	0.36	0.020	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.059	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0047	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.0060	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Chloroaniline	0.36	U	0.36	0.025	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0057	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Methylphenol	**0.016**	**J**	0.36	0.0062	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Acenaphthene	0.36	U	0.36	0.026	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Acenaphthylene	0.36	U	0.36	0.0037	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Acetophenone	**0.072**	**J**	0.36	0.0058	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1

Client Sample ID: MR-7_0.5_2.5

Date Collected: 08/02/18 04:55
Date Received: 08/03/18 19:30

Lab Sample ID: 460-161874-1

Matrix: Solid
Percent Solids: 91.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.16**	**J**	0.36	0.0040	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Atrazine	0.15	U	0.15	0.0091	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzaldehyde	0.36	U	0.36	0.016	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzo[a]anthracene	0.036	U	0.036	0.013	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.012	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.0044	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Caprolactam	0.36	U	0.36	0.022	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Carbazole	0.36	U	0.36	0.0042	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Chrysene	0.36	U	0.36	0.0061	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Dibenzofuran	0.36	U	0.36	0.0051	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Diethyl phthalate	0.36	U	0.36	0.0052	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Dimethyl phthalate	0.36	U	0.36	0.0044	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Di-n-butyl phthalate	0.36	U	0.36	0.064	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Fluoranthene	0.36	U	0.36	0.0047	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Fluorene	**0.63**		0.36	0.0049	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Hexachlorobenzene	0.036	U	0.036	0.0053	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Hexachloroethane	0.036	U	0.036	0.0056	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Isophorone	0.15	U	0.15	0.0095	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Nitrobenzene	0.036	U	0.036	0.0087	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.0058	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0069	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Phenanthrene	**1.3**		0.36	0.0063	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Phenol	**0.018**	**J**	0.36	0.0054	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	08/05/18 10:05	08/06/18 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 103*	*08/05/18 10:05*	*08/06/18 08:57*	*1*
2-Fluorobiphenyl	*68*		*38 - 95*	*08/05/18 10:05*	*08/06/18 08:57*	*1*
2-Fluorophenol (Surr)	*61*		*25 - 92*	*08/05/18 10:05*	*08/06/18 08:57*	*1*
Nitrobenzene-d5 (Surr)	*69*		*37 - 94*	*08/05/18 10:05*	*08/06/18 08:57*	*1*
Phenol-d5 (Surr)	*52*		*32 - 91*	*08/05/18 10:05*	*08/06/18 08:57*	*1*
Terphenyl-d14 (Surr)	*60*		*24 - 109*	*08/05/18 10:05*	*08/06/18 08:57*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1

Client Sample ID: MR-7_0.5_2.5

Date Collected: 08/02/18 04:55
Date Received: 08/03/18 19:30

Lab Sample ID: 460-161874-1

Matrix: Solid
Percent Solids: 91.5

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	08/06/18 21:17	08/07/18 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*69 - 150*	*08/06/18 21:17*	*08/07/18 11:20*	*1*
DCB Decachlorobiphenyl	*89*		*69 - 150*	*08/06/18 21:17*	*08/07/18 11:20*	*1*
Tetrachloro-m-xylene	*92*		*74 - 150*	*08/06/18 21:17*	*08/07/18 11:20*	*1*
Tetrachloro-m-xylene	*98*		*74 - 150*	*08/06/18 21:17*	*08/07/18 11:20*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.0097	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1221	0.073	U	0.073	0.0097	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1232	0.073	U	0.073	0.0097	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1242	0.073	U	0.073	0.0097	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1248	0.073	U	0.073	0.0097	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1254	0.073	U	0.073	0.010	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1260	0.073	U	0.073	0.010	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor-1262	0.073	U	0.073	0.010	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Aroclor 1268	0.073	U	0.073	0.010	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.010	mg/Kg	☼	08/06/18 21:23	08/07/18 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*53 - 150*	*08/06/18 21:23*	*08/07/18 15:01*	*1*
DCB Decachlorobiphenyl	*102*		*53 - 150*	*08/06/18 21:23*	*08/07/18 15:01*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	08/06/18 21:07	08/07/18 09:47	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	08/06/18 21:07	08/07/18 09:47	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	08/06/18 21:07	08/07/18 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*137*		*80 - 150*	*08/06/18 21:07*	*08/07/18 09:47*	*1*

Client Sample ID: MR-7_0.5_2.5

Date Collected: 08/02/18 04:55
Date Received: 08/03/18 19:30

Lab Sample ID: 460-161874-1

Matrix: Solid
Percent Solids: 91.5

Method: 8151A - Herbicides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*134*		*80 - 150*	*08/06/18 21:07*	*08/07/18 09:47*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11300**		16.7	5.7	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Antimony	0.83	U	0.83	0.24	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Arsenic	**3.4**		0.83	0.27	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Barium	**75.7**		1.7	0.55	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Beryllium	**0.64**		0.33	0.13	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Cadmium	**0.29**	**J**	0.83	0.28	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Calcium	**57100**		83.4	24.8	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Chromium	**23.4**		1.7	0.50	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Cobalt	**7.2**		1.7	0.50	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Copper	**21.3**		1.7	0.48	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Iron	**16600**		50.1	17.5	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Lead	**82.4**		0.50	0.16	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Magnesium	**34200**		83.4	23.2	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Manganese	**319**		3.3	1.0	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Nickel	**16.1**		1.7	0.54	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Potassium	**2810**		83.4	30.0	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Selenium	4.2	U	4.2	0.24	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Silver	0.83	U	0.83	0.52	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Sodium	**354**		83.4	26.1	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Thallium	**0.15**	**J**	0.33	0.10	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Vanadium	**30.8**		1.7	0.47	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20
Zinc	**175**		6.7	3.3	mg/Kg	☼	08/05/18 23:16	08/06/18 14:55	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.060**		0.018	0.011	mg/Kg	☼	08/08/18 04:04	08/08/18 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.14**	**J B**	0.25	0.066	mg/Kg	☼	08/05/18 13:06	08/06/18 11:17	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161874-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(78-135)	(67-126)	(61-149)	(73-121)
460-161874-1	MR-7_0.5_2.5	111	98	106	102
LB3 460-542129/1-A	Method Blank	95	93	100	95
LCS 460-542573/3	Lab Control Sample	97	96	99	94
LCS 460-543232/3	Lab Control Sample	110	97	100	100
LCSD 460-542573/4	Lab Control Sample Dup	94	104	103	106
LCSD 460-543232/4	Lab Control Sample Dup	109	98	101	102
MB 460-542573/8	Method Blank	98	93	100	96
MB 460-543232/7	Method Blank	111	99	105	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-103)	(38-95)	(25-92)	(37-94)	(32-91)	(24-109)
460-161874-1	MR-7_0.5_2.5	73	68	61	69	52	60
460-161874-1 MS	MR-7_0.5_2.5	61	54	51	49	45	54
460-161874-1 MSD	MR-7_0.5_2.5	60	54	53	50	46	57
LCS 460-542306/2-A	Lab Control Sample	92	80	84	77	74	86
LCS 460-542306/3-A	Lab Control Sample	92	81	83	80	63	91
MB 460-542306/1-A	Method Blank	89	85	89	84	69	88

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(69-150)	(69-150)	(74-150)	(74-150)
460-161874-1	MR-7_0.5_2.5	88	89	92	98
460-161874-1 MS	MR-7_0.5_2.5	94	96	99	100
460-161874-1 MSD	MR-7_0.5_2.5	94	91	96	99
LCS 460-542658/2-A	Lab Control Sample	78	77	79	79
MB 460-542658/1-A	Method Blank	90	89	90	92

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(53-150)	(53-150)
460-161874-1	MR-7_0.5_2.5	110	102
460-161978-D-1-A MS	Matrix Spike	110	100
460-161978-D-1-B MSD	Matrix Spike Duplicate	110	96
LCS 460-542660/2-A	Lab Control Sample	109	108
MB 460-542660/1-A	Method Blank	100	103

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(80-150)	(80-150)
460-161592-A-2-B MS	Matrix Spike	134	154 *
460-161592-A-2-C MSD	Matrix Spike Duplicate	126	146
460-161874-1	MR-7_0.5_2.5	137	134
LCS 460-542654/2-A	Lab Control Sample	127	145
MB 460-542654/1-A	Method Blank	146	127

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

ANALYTICAL REPORT

Job Number: 460-161927-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:31 AM

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11/16/2018
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-161927-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:31 AM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-161927-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-161927-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs, and Pesticides.

RECEIPT
The samples were received on 08/02/2018; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.1 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/08/2018.

The continuing calibration verification (CCV) associated with batch 460-542935 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018 and 08/07/2018.

The continuing calibration verification (CCV) analyzed in batch 460-542373 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, Hexachlorocyclopentadiene and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The surrogate recovery for the blank associated with preparation batch 460-542311 and analytical batch 460-542373 was outside the upper control limits.

The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-542311 and analytical batch 460-542373 recovered outside control limits for the following analyte(s): Caprolactam and Benzaldehyde. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified

Surrogates recoveries for the following laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with batch 460-542311 were outside limits. Sample has been reported.

Surrogate recovery for the following samples were outside the upper control limit: MR-9 (460-161927-1) and MR-14 (460-161927-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 460-542311 and analytical batch 460-542373 recovered outside control limits for the following analytes: 3,3'-Dichlorobenzidine and 4-Chloroaniline.

The continuing calibration verification (CCV) associated with batch 460-542547 recovered above the upper control limit for 4-Nitrophenol and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-542547 recovered above the upper control limit for Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The following sample was diluted due to the nature of the sample matrix: MR-12 (460-161927-3). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018.

The laboratory control sample (LCS) for preparation batch 460-542650 and analytical batch 460-542728 recovered outside control limits for the following analytes: 2,4-D. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The closing continuing calibration verification (CCVC) associated with batch 460-542728 recovered above the upper control limit for 2,4-D, Silvex (2,4,5-TP) and 2,4,5-T. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for Metals in accordance with 6020B. The samples were prepared on 08/06/2018 and analyzed on 08/07/2018 and 08/08/2018.

Calcium, Magnesium and Sodium failed the recovery criteria low for the MS of sample 460-161384-9 in batch 460-542736.

Refer to the QC report for details.

Arsenic and Selenium exceeded the RPD limit for the duplicate of sample 460-161384-9. Refer to the QC report for details.

Samples MR-9 (460-161927-1)[20X] and MR-14 (460-161927-2)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 08/07/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples MR-9 (460-161927-1), MR-14 (460-161927-2) and MR-12 (460-161927-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 08/05/2018 and analyzed on 08/06/2018.

The method blank for 542519 contained Cyanide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Cyanide, Total failed the recovery criteria high for the MS of sample MR-9MS (460-161927-1) in batch 460-542519.

Cyanide, Total failed the recovery criteria high for the MSD of sample MR-9MSD (460-161927-1) in batch 460-542519.

Refer to the QC report for details.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

No other difficulties were encountered during the cyanide analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161927-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-161927-1	MR-9	Water	08/02/18 08:30	08/02/18 20:00
460-161927-2	MR-14	Water	08/02/18 09:30	08/02/18 20:00
460-161927-3	MR-12	Water	08/02/18 11:00	08/02/18 20:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161927-1

Client Sample ID: MR-9 — Lab Sample ID: 460-161927-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	8.2		1.0	0.33	ug/L	1		8260C	Total/NA
Methylene Chloride	0.52	J	1.0	0.32	ug/L	1		8260C	Total/NA
Aluminum	149		40.0	15.0	ug/L	2		6020B	Total/NA
Antimony	2.1		2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	2.2		2.0	0.77	ug/L	2		6020B	Total/NA
Barium	182		4.0	1.1	ug/L	2		6020B	Total/NA
Calcium	101000		200	67.6	ug/L	2		6020B	Total/NA
Copper	2.4	J	4.0	1.9	ug/L	2		6020B	Total/NA
Iron	857		120	45.7	ug/L	2		6020B	Total/NA
Lead	0.73	J	1.2	0.37	ug/L	2		6020B	Total/NA
Magnesium	40500		200	65.7	ug/L	2		6020B	Total/NA
Manganese	424		8.0	2.7	ug/L	2		6020B	Total/NA
Nickel	2.9	J	4.0	1.3	ug/L	2		6020B	Total/NA
Potassium	34900		200	64.9	ug/L	2		6020B	Total/NA
Selenium	11.7		10.0	0.69	ug/L	2		6020B	Total/NA
Sodium	615000		2000	757	ug/L	20		6020B	Total/NA
Vanadium	1.4	J	4.0	1.2	ug/L	2		6020B	Total/NA
Zinc	6.4	J	16.0	5.4	ug/L	2		6020B	Total/NA
Cyanide, Total	5.5	J B	10.0	2.0	ug/L	1		9012B	Total/NA

Client Sample ID: MR-14 — Lab Sample ID: 460-161927-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	7.3		1.0	0.33	ug/L	1		8260C	Total/NA
Dichlorobromomethane	0.40	J	1.0	0.34	ug/L	1		8260C	Total/NA
Methylene Chloride	0.36	J	1.0	0.32	ug/L	1		8260C	Total/NA
Toluene	0.41	J	1.0	0.38	ug/L	1		8260C	Total/NA
Aluminum	419		40.0	15.0	ug/L	2		6020B	Total/NA
Antimony	2.4		2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	2.3		2.0	0.77	ug/L	2		6020B	Total/NA
Barium	274		4.0	1.1	ug/L	2		6020B	Total/NA
Calcium	264000		200	67.6	ug/L	2		6020B	Total/NA
Chromium	3.1	J	4.0	1.3	ug/L	2		6020B	Total/NA
Cobalt	2.5	J	4.0	1.3	ug/L	2		6020B	Total/NA
Copper	3.3	J	4.0	1.9	ug/L	2		6020B	Total/NA
Iron	1250		120	45.7	ug/L	2		6020B	Total/NA
Lead	2.9		1.2	0.37	ug/L	2		6020B	Total/NA
Magnesium	127000		200	65.7	ug/L	2		6020B	Total/NA
Manganese	374		8.0	2.7	ug/L	2		6020B	Total/NA
Nickel	6.5		4.0	1.3	ug/L	2		6020B	Total/NA
Potassium	64600		200	64.9	ug/L	2		6020B	Total/NA
Selenium	1.4	J	10.0	0.69	ug/L	2		6020B	Total/NA
Sodium	901000		2000	757	ug/L	20		6020B	Total/NA
Vanadium	1.8	J	4.0	1.2	ug/L	2		6020B	Total/NA
Zinc	10.3	J	16.0	5.4	ug/L	2		6020B	Total/NA
Cyanide, Total	7.4	J B	10.0	2.0	ug/L	1		9012B	Total/NA

Client Sample ID: MR-12 — Lab Sample ID: 460-161927-3

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161927-1

Client Sample ID: MR-12 (Continued)

Lab Sample ID: 460-161927-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	18		1.0	0.37	ug/L	1		8260C	Total/NA
1,3,5-Trimethylbenzene	6.7		1.0	0.33	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	2.6	J	5.0	1.9	ug/L	1		8260C	Total/NA
Acetone	15		5.0	5.0	ug/L	1		8260C	Total/NA
Benzene	20		1.0	0.43	ug/L	1		8260C	Total/NA
Chloroform	2.1		1.0	0.33	ug/L	1		8260C	Total/NA
Ethylbenzene	6.0		1.0	0.30	ug/L	1		8260C	Total/NA
Isopropylbenzene	0.80	J	1.0	0.34	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.99	J	1.0	0.47	ug/L	1		8260C	Total/NA
Methylene Chloride	1.0		1.0	0.32	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	36		1.0	0.30	ug/L	1		8260C	Total/NA
o-Xylene	29		1.0	0.36	ug/L	1		8260C	Total/NA
Styrene	14		1.0	0.42	ug/L	1		8260C	Total/NA
Toluene	23		1.0	0.38	ug/L	1		8260C	Total/NA
Xylenes, Total	65		2.0	0.65	ug/L	1		8260C	Total/NA
2-Methylnaphthalene	32	J	50	5.5	ug/L	5		8270D	Total/NA
2-Methylphenol	170		50	1.3	ug/L	5		8270D	Total/NA
3 & 4 Methylphenol	140		50	1.2	ug/L	5		8270D	Total/NA
4-Methylphenol	140		50	1.2	ug/L	5		8270D	Total/NA
Acenaphthene	21	J	50	5.4	ug/L	5		8270D	Total/NA
Carbazole	13	J	50	3.4	ug/L	5		8270D	Total/NA
Dibenzofuran	11	J	50	5.5	ug/L	5		8270D	Total/NA
Fluorene	13	J	50	4.6	ug/L	5		8270D	Total/NA
Naphthalene	570		50	5.7	ug/L	5		8270D	Total/NA
Phenanthrene	8.7	J	50	2.9	ug/L	5		8270D	Total/NA
Aluminum	7010		40.0	15.0	ug/L	2		6020B	Total/NA
Antimony	2.1		2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	6.0		2.0	0.77	ug/L	2		6020B	Total/NA
Barium	238		4.0	1.1	ug/L	2		6020B	Total/NA
Calcium	106000		200	67.6	ug/L	2		6020B	Total/NA
Chromium	23.5		4.0	1.3	ug/L	2		6020B	Total/NA
Cobalt	13.0		4.0	1.3	ug/L	2		6020B	Total/NA
Copper	140		4.0	1.9	ug/L	2		6020B	Total/NA
Iron	12600		120	45.7	ug/L	2		6020B	Total/NA
Lead	5.4		1.2	0.37	ug/L	2		6020B	Total/NA
Magnesium	42800		200	65.7	ug/L	2		6020B	Total/NA
Manganese	634		8.0	2.7	ug/L	2		6020B	Total/NA
Nickel	51.1		4.0	1.3	ug/L	2		6020B	Total/NA
Potassium	21500		200	64.9	ug/L	2		6020B	Total/NA
Silver	22.8		2.0	1.4	ug/L	2		6020B	Total/NA
Sodium	124000		200	75.7	ug/L	2		6020B	Total/NA
Vanadium	11.8		4.0	1.2	ug/L	2		6020B	Total/NA
Zinc	105		16.0	5.4	ug/L	2		6020B	Total/NA
Cyanide, Total	41.8	B	10.0	2.0	ug/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161927-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-161927-1

Client Sample ID: MR-9

Date Collected: 08/02/18 08:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/08/18 05:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/08/18 05:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/08/18 05:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 05:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/08/18 05:14	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			08/08/18 05:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/08/18 05:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:14	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/08/18 05:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			08/08/18 05:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 05:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/08/18 05:14	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/08/18 05:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			08/08/18 05:14	1
1,4-Dioxane	50	U	50	28	ug/L			08/08/18 05:14	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			08/08/18 05:14	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			08/08/18 05:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			08/08/18 05:14	1
Acetone	5.0	U	5.0	5.0	ug/L			08/08/18 05:14	1
Benzene	1.0	U	1.0	0.43	ug/L			08/08/18 05:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/08/18 05:14	1
Bromomethane	1.0	U	1.0	1.0	ug/L			08/08/18 05:14	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			08/08/18 05:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/08/18 05:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/08/18 05:14	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/08/18 05:14	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			08/08/18 05:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/08/18 05:14	1
Chloroform	**8.2**		1.0	0.33	ug/L			08/08/18 05:14	1
Chloromethane	1.0	U	1.0	0.14	ug/L			08/08/18 05:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/08/18 05:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			08/08/18 05:14	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/08/18 05:14	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			08/08/18 05:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			08/08/18 05:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/08/18 05:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/08/18 05:14	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:14	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			08/08/18 05:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			08/08/18 05:14	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			08/08/18 05:14	1
Methylene Chloride	**0.52**	**J**	1.0	0.32	ug/L			08/08/18 05:14	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/08/18 05:14	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 05:14	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 05:14	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/08/18 05:14	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:14	1

Client Sample ID: MR-9

Date Collected: 08/02/18 08:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			08/08/18 05:14	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:14	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/08/18 05:14	1
Toluene	1.0	U	1.0	0.38	ug/L			08/08/18 05:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/08/18 05:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			08/08/18 05:14	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/08/18 05:14	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			08/08/18 05:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/08/18 05:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/08/18 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*74 - 132*		*08/08/18 05:14*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*08/08/18 05:14*	*1*
Dibromofluoromethane (Surr)	*98*		*72 - 131*		*08/08/18 05:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/08/18 05:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:03	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4-Dinitrophenol	20	U	20	14	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		08/05/18 10:31	08/06/18 07:03	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Chlorophenol	10	U	10	0.38	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Methylphenol	10	U	10	0.26	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Nitroaniline	10	U	10	0.47	ug/L		08/05/18 10:31	08/06/18 07:03	1
2-Nitrophenol	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:03	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:03	1
3,3'-Dichlorobenzidine	10	U *	10	1.4	ug/L		08/05/18 10:31	08/06/18 07:03	1
3-Nitroaniline	10	U	10	0.96	ug/L		08/05/18 10:31	08/06/18 07:03	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Chloroaniline	10	U *	10	1.9	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Methylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Nitroaniline	10	U	10	0.54	ug/L		08/05/18 10:31	08/06/18 07:03	1
4-Nitrophenol	20	U	20	0.69	ug/L		08/05/18 10:31	08/06/18 07:03	1
Acenaphthene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:03	1
Acenaphthylene	10	U	10	0.82	ug/L		08/05/18 10:31	08/06/18 07:03	1
Acetophenone	10	U	10	0.79	ug/L		08/05/18 10:31	08/06/18 07:03	1

Client Sample ID: MR-9

Date Collected: 08/02/18 08:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	0.63	ug/L		08/05/18 10:31	08/06/18 07:03	1
Atrazine	2.0	U	2.0	1.3	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzaldehyde	10	U *	10	0.59	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		08/05/18 10:31	08/06/18 07:03	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		08/05/18 10:31	08/06/18 07:03	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:03	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		08/05/18 10:31	08/06/18 07:03	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		08/05/18 10:31	08/06/18 07:03	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		08/05/18 10:31	08/06/18 07:03	1
Caprolactam	10	U *	10	0.68	ug/L		08/05/18 10:31	08/06/18 07:03	1
Carbazole	10	U	10	0.68	ug/L		08/05/18 10:31	08/06/18 07:03	1
Chrysene	2.0	U	2.0	0.91	ug/L		08/05/18 10:31	08/06/18 07:03	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		08/05/18 10:31	08/06/18 07:03	1
Dibenzofuran	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:03	1
Diethyl phthalate	10	U	10	0.98	ug/L		08/05/18 10:31	08/06/18 07:03	1
Dimethyl phthalate	10	U	10	0.77	ug/L		08/05/18 10:31	08/06/18 07:03	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		08/05/18 10:31	08/06/18 07:03	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		08/05/18 10:31	08/06/18 07:03	1
Fluoranthene	10	U	10	0.84	ug/L		08/05/18 10:31	08/06/18 07:03	1
Fluorene	10	U	10	0.91	ug/L		08/05/18 10:31	08/06/18 07:03	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		08/05/18 10:31	08/06/18 07:03	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		08/05/18 10:31	08/06/18 07:03	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		08/05/18 10:31	08/06/18 07:03	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		08/05/18 10:31	08/06/18 07:03	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		08/05/18 10:31	08/06/18 07:03	1
Isophorone	10	U	10	0.80	ug/L		08/05/18 10:31	08/06/18 07:03	1
Naphthalene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:03	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		08/05/18 10:31	08/06/18 07:03	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		08/05/18 10:31	08/06/18 07:03	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		08/05/18 10:31	08/06/18 07:03	1
Pentachlorophenol	20	U	20	1.4	ug/L		08/05/18 10:31	08/06/18 07:03	1
Phenanthrene	10	U	10	0.58	ug/L		08/05/18 10:31	08/06/18 07:03	1
Phenol	10	U	10	0.29	ug/L		08/05/18 10:31	08/06/18 07:03	1
Pyrene	10	U	10	1.6	ug/L		08/05/18 10:31	08/06/18 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*131*		*26 - 139*	*08/05/18 10:31*	*08/06/18 07:03*	*1*
2-Fluorobiphenyl	*116*	*	*45 - 107*	*08/05/18 10:31*	*08/06/18 07:03*	*1*
2-Fluorophenol (Surr)	*59*	*	*25 - 58*	*08/05/18 10:31*	*08/06/18 07:03*	*1*
Nitrobenzene-d5 (Surr)	*135*	*	*51 - 108*	*08/05/18 10:31*	*08/06/18 07:03*	*1*
Phenol-d5 (Surr)	*34*		*14 - 39*	*08/05/18 10:31*	*08/06/18 07:03*	*1*
Terphenyl-d14 (Surr)	*104*		*40 - 148*	*08/05/18 10:31*	*08/06/18 07:03*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 15:28	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:28	1

Client Sample ID: MR-9

Date Collected: 08/02/18 08:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-1

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:28	1
Aldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:28	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		08/06/18 09:21	08/07/18 15:28	1
beta-BHC	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:28	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		08/06/18 09:21	08/07/18 15:28	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:28	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 15:28	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endrin	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 15:28	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 15:28	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		08/06/18 09:21	08/07/18 15:28	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:28	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 15:28	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:28	1
Toxaphene	0.50	U	0.50	0.11	ug/L		08/06/18 09:21	08/07/18 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*20*		*10 - 150*	*08/06/18 09:21*	*08/07/18 15:28*	*1*
DCB Decachlorobiphenyl	*20*		*10 - 150*	*08/06/18 09:21*	*08/07/18 15:28*	*1*
Tetrachloro-m-xylene	*31*		*12 - 136*	*08/06/18 09:21*	*08/07/18 15:28*	*1*
Tetrachloro-m-xylene	*31*		*12 - 136*	*08/06/18 09:21*	*08/07/18 15:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:19	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:19	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*10 - 150*	*08/06/18 09:25*	*08/07/18 13:19*	*1*
DCB Decachlorobiphenyl	*47*		*10 - 150*	*08/06/18 09:25*	*08/07/18 13:19*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		08/06/18 20:49	08/07/18 09:24	1
2,4-D	1.2	U	1.2	0.13	ug/L		08/06/18 20:49	08/07/18 09:24	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		08/06/18 20:49	08/07/18 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*99*		*54 - 150*	*08/06/18 20:49*	*08/07/18 09:24*	*1*

Client Sample ID: MR-9

Lab Sample ID: 460-161927-1

Date Collected: 08/02/18 08:30
Matrix: Water
Date Received: 08/02/18 20:00

Method: 8151A - Herbicides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	101		54 - 150	08/06/18 20:49	08/07/18 09:24	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	149		40.0	15.0	ug/L		08/06/18 02:30	08/07/18 04:27	2
Antimony	2.1		2.0	0.62	ug/L		08/06/18 02:30	08/08/18 04:06	2
Arsenic	2.2		2.0	0.77	ug/L		08/06/18 02:30	08/07/18 04:27	2
Barium	182		4.0	1.1	ug/L		08/06/18 02:30	08/07/18 04:27	2
Beryllium	0.80	U	0.80	0.26	ug/L		08/06/18 02:30	08/07/18 04:27	2
Cadmium	2.0	U	2.0	0.61	ug/L		08/06/18 02:30	08/07/18 04:27	2
Calcium	101000		200	67.6	ug/L		08/06/18 02:30	08/07/18 04:27	2
Chromium	4.0	U	4.0	1.3	ug/L		08/06/18 02:30	08/07/18 04:27	2
Cobalt	4.0	U	4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:06	2
Copper	2.4	J	4.0	1.9	ug/L		08/06/18 02:30	08/08/18 04:06	2
Iron	857		120	45.7	ug/L		08/06/18 02:30	08/07/18 04:27	2
Lead	0.73	J	1.2	0.37	ug/L		08/06/18 02:30	08/07/18 04:27	2
Magnesium	40500		200	65.7	ug/L		08/06/18 02:30	08/07/18 04:27	2
Manganese	424		8.0	2.7	ug/L		08/06/18 02:30	08/07/18 04:27	2
Nickel	2.9	J	4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:06	2
Potassium	34900		200	64.9	ug/L		08/06/18 02:30	08/07/18 04:27	2
Selenium	11.7		10.0	0.69	ug/L		08/06/18 02:30	08/07/18 04:27	2
Silver	2.0	U	2.0	1.4	ug/L		08/06/18 02:30	08/07/18 04:27	2
Sodium	615000		2000	757	ug/L		08/06/18 02:30	08/07/18 04:34	20
Thallium	0.80	U	0.80	0.24	ug/L		08/06/18 02:30	08/07/18 04:27	2
Vanadium	1.4	J	4.0	1.2	ug/L		08/06/18 02:30	08/07/18 04:27	2
Zinc	6.4	J	16.0	5.4	ug/L		08/06/18 02:30	08/07/18 04:27	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/07/18 11:52	08/07/18 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	5.5	J B	10.0	2.0	ug/L		08/05/18 13:12	08/06/18 10:42	1

Client Sample ID: MR-14

Lab Sample ID: 460-161927-2

Date Collected: 08/02/18 09:30
Matrix: Water
Date Received: 08/02/18 20:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/08/18 05:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/08/18 05:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/08/18 05:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 05:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/08/18 05:38	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			08/08/18 05:38	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/08/18 05:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:38	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:38	1

Client Sample ID: MR-14

Date Collected: 08/02/18 09:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/08/18 05:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			08/08/18 05:38	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 05:38	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/08/18 05:38	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/08/18 05:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			08/08/18 05:38	1
1,4-Dioxane	50	U	50	28	ug/L			08/08/18 05:38	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			08/08/18 05:38	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			08/08/18 05:38	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			08/08/18 05:38	1
Acetone	5.0	U	5.0	5.0	ug/L			08/08/18 05:38	1
Benzene	1.0	U	1.0	0.43	ug/L			08/08/18 05:38	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/08/18 05:38	1
Bromomethane	1.0	U	1.0	1.0	ug/L			08/08/18 05:38	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			08/08/18 05:38	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/08/18 05:38	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/08/18 05:38	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/08/18 05:38	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			08/08/18 05:38	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/08/18 05:38	1
Chloroform	**7.3**		1.0	0.33	ug/L			08/08/18 05:38	1
Chloromethane	1.0	U	1.0	0.14	ug/L			08/08/18 05:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/08/18 05:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			08/08/18 05:38	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/08/18 05:38	1
Dichlorobromomethane	**0.40**	**J**	1.0	0.34	ug/L			08/08/18 05:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			08/08/18 05:38	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/08/18 05:38	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/08/18 05:38	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:38	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			08/08/18 05:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			08/08/18 05:38	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			08/08/18 05:38	1
Methylene Chloride	**0.36**	**J**	1.0	0.32	ug/L			08/08/18 05:38	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/08/18 05:38	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 05:38	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 05:38	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/08/18 05:38	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/08/18 05:38	1
Styrene	1.0	U	1.0	0.42	ug/L			08/08/18 05:38	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/08/18 05:38	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/08/18 05:38	1
Toluene	**0.41**	**J**	1.0	0.38	ug/L			08/08/18 05:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/08/18 05:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			08/08/18 05:38	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/08/18 05:38	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			08/08/18 05:38	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/08/18 05:38	1

Client Sample ID: MR-14

Date Collected: 08/02/18 09:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/08/18 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 132*		*08/08/18 05:38*	*1*
4-Bromofluorobenzene	*93*		*77 - 124*		*08/08/18 05:38*	*1*
Dibromofluoromethane (Surr)	*90*		*72 - 131*		*08/08/18 05:38*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/08/18 05:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:24	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4-Dinitrophenol	20	U	20	14	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		08/05/18 10:31	08/06/18 07:24	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Chlorophenol	10	U	10	0.38	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Methylphenol	10	U	10	0.26	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Nitroaniline	10	U	10	0.47	ug/L		08/05/18 10:31	08/06/18 07:24	1
2-Nitrophenol	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:24	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:24	1
3,3'-Dichlorobenzidine	10	U *	10	1.4	ug/L		08/05/18 10:31	08/06/18 07:24	1
3-Nitroaniline	10	U	10	0.96	ug/L		08/05/18 10:31	08/06/18 07:24	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Chloroaniline	10	U *	10	1.9	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Methylphenol	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Nitroaniline	10	U	10	0.54	ug/L		08/05/18 10:31	08/06/18 07:24	1
4-Nitrophenol	20	U	20	0.69	ug/L		08/05/18 10:31	08/06/18 07:24	1
Acenaphthene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:24	1
Acenaphthylene	10	U	10	0.82	ug/L		08/05/18 10:31	08/06/18 07:24	1
Acetophenone	10	U	10	0.79	ug/L		08/05/18 10:31	08/06/18 07:24	1
Anthracene	10	U	10	0.63	ug/L		08/05/18 10:31	08/06/18 07:24	1
Atrazine	2.0	U	2.0	1.3	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzaldehyde	10	U *	10	0.59	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		08/05/18 10:31	08/06/18 07:24	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		08/05/18 10:31	08/06/18 07:24	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		08/05/18 10:31	08/06/18 07:24	1

Client Sample ID: MR-14

Date Collected: 08/02/18 09:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		08/05/18 10:31	08/06/18 07:24	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		08/05/18 10:31	08/06/18 07:24	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		08/05/18 10:31	08/06/18 07:24	1
Caprolactam	10	U *	10	0.68	ug/L		08/05/18 10:31	08/06/18 07:24	1
Carbazole	10	U	10	0.68	ug/L		08/05/18 10:31	08/06/18 07:24	1
Chrysene	2.0	U	2.0	0.91	ug/L		08/05/18 10:31	08/06/18 07:24	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		08/05/18 10:31	08/06/18 07:24	1
Dibenzofuran	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:24	1
Diethyl phthalate	10	U	10	0.98	ug/L		08/05/18 10:31	08/06/18 07:24	1
Dimethyl phthalate	10	U	10	0.77	ug/L		08/05/18 10:31	08/06/18 07:24	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		08/05/18 10:31	08/06/18 07:24	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		08/05/18 10:31	08/06/18 07:24	1
Fluoranthene	10	U	10	0.84	ug/L		08/05/18 10:31	08/06/18 07:24	1
Fluorene	10	U	10	0.91	ug/L		08/05/18 10:31	08/06/18 07:24	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		08/05/18 10:31	08/06/18 07:24	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		08/05/18 10:31	08/06/18 07:24	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		08/05/18 10:31	08/06/18 07:24	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		08/05/18 10:31	08/06/18 07:24	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		08/05/18 10:31	08/06/18 07:24	1
Isophorone	10	U	10	0.80	ug/L		08/05/18 10:31	08/06/18 07:24	1
Naphthalene	10	U	10	1.1	ug/L		08/05/18 10:31	08/06/18 07:24	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		08/05/18 10:31	08/06/18 07:24	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		08/05/18 10:31	08/06/18 07:24	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		08/05/18 10:31	08/06/18 07:24	1
Pentachlorophenol	20	U	20	1.4	ug/L		08/05/18 10:31	08/06/18 07:24	1
Phenanthrene	10	U	10	0.58	ug/L		08/05/18 10:31	08/06/18 07:24	1
Phenol	10	U	10	0.29	ug/L		08/05/18 10:31	08/06/18 07:24	1
Pyrene	10	U	10	1.6	ug/L		08/05/18 10:31	08/06/18 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*26 - 139*	*08/05/18 10:31*	*08/06/18 07:24*	*1*
2-Fluorobiphenyl	*101*		*45 - 107*	*08/05/18 10:31*	*08/06/18 07:24*	*1*
2-Fluorophenol (Surr)	*53*		*25 - 58*	*08/05/18 10:31*	*08/06/18 07:24*	*1*
Nitrobenzene-d5 (Surr)	*123*	*	*51 - 108*	*08/05/18 10:31*	*08/06/18 07:24*	*1*
Phenol-d5 (Surr)	*31*		*14 - 39*	*08/05/18 10:31*	*08/06/18 07:24*	*1*
Terphenyl-d14 (Surr)	*80*		*40 - 148*	*08/05/18 10:31*	*08/06/18 07:24*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 15:41	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:41	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:41	1
Aldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:41	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		08/06/18 09:21	08/07/18 15:41	1
beta-BHC	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:41	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		08/06/18 09:21	08/07/18 15:41	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:41	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 15:41	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:41	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 15:41	1

Client Sample ID: MR-14

Date Collected: 08/02/18 09:30
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-2

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:41	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 15:41	1
Endrin	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:41	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 15:41	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 15:41	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		08/06/18 09:21	08/07/18 15:41	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 15:41	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 15:41	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 15:41	1
Toxaphene	0.50	U	0.50	0.11	ug/L		08/06/18 09:21	08/07/18 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*20*		*10 - 150*	*08/06/18 09:21*	*08/07/18 15:41*	*1*
DCB Decachlorobiphenyl	*21*		*10 - 150*	*08/06/18 09:21*	*08/07/18 15:41*	*1*
Tetrachloro-m-xylene	*32*		*12 - 136*	*08/06/18 09:21*	*08/07/18 15:41*	*1*
Tetrachloro-m-xylene	*34*		*12 - 136*	*08/06/18 09:21*	*08/07/18 15:41*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:42	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 13:42	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*10 - 150*	*08/06/18 09:25*	*08/07/18 13:42*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 150*	*08/06/18 09:25*	*08/07/18 13:42*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		08/06/18 20:49	08/07/18 09:41	1
2,4-D	1.2	U	1.2	0.13	ug/L		08/06/18 20:49	08/07/18 09:41	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		08/06/18 20:49	08/07/18 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*54 - 150*	*08/06/18 20:49*	*08/07/18 09:41*	*1*
2,4-Dichlorophenylacetic acid	*105*		*54 - 150*	*08/06/18 20:49*	*08/07/18 09:41*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**419**		40.0	15.0	ug/L		08/06/18 02:30	08/07/18 04:47	2
Antimony	**2.4**		2.0	0.62	ug/L		08/06/18 02:30	08/08/18 04:26	2
Arsenic	**2.3**		2.0	0.77	ug/L		08/06/18 02:30	08/07/18 04:47	2
Barium	**274**		4.0	1.1	ug/L		08/06/18 02:30	08/07/18 04:47	2
Beryllium	0.80	U	0.80	0.26	ug/L		08/06/18 02:30	08/07/18 04:47	2

Client Sample ID: MR-14

Lab Sample ID: 460-161927-2

Date Collected: 08/02/18 09:30
Matrix: Water
Date Received: 08/02/18 20:00

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	2.0	U	2.0	0.61	ug/L		08/06/18 02:30	08/07/18 04:47	2
Calcium	**264000**		200	67.6	ug/L		08/06/18 02:30	08/07/18 04:47	2
Chromium	**3.1**	**J**	4.0	1.3	ug/L		08/06/18 02:30	08/07/18 04:47	2
Cobalt	**2.5**	**J**	4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:26	2
Copper	**3.3**	**J**	4.0	1.9	ug/L		08/06/18 02:30	08/08/18 04:26	2
Iron	**1250**		120	45.7	ug/L		08/06/18 02:30	08/07/18 04:47	2
Lead	**2.9**		1.2	0.37	ug/L		08/06/18 02:30	08/07/18 04:47	2
Magnesium	**127000**		200	65.7	ug/L		08/06/18 02:30	08/07/18 04:47	2
Manganese	**374**		8.0	2.7	ug/L		08/06/18 02:30	08/07/18 04:47	2
Nickel	**6.5**		4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:26	2
Potassium	**64600**		200	64.9	ug/L		08/06/18 02:30	08/07/18 04:47	2
Selenium	**1.4**	**J**	10.0	0.69	ug/L		08/06/18 02:30	08/07/18 04:47	2
Silver	2.0	U	2.0	1.4	ug/L		08/06/18 02:30	08/07/18 04:47	2
Sodium	**901000**		2000	757	ug/L		08/06/18 02:30	08/07/18 04:51	20
Thallium	0.80	U	0.80	0.24	ug/L		08/06/18 02:30	08/07/18 04:47	2
Vanadium	**1.8**	**J**	4.0	1.2	ug/L		08/06/18 02:30	08/07/18 04:47	2
Zinc	**10.3**	**J**	16.0	5.4	ug/L		08/06/18 02:30	08/07/18 04:47	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/07/18 11:52	08/07/18 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**7.4**	**J B**	10.0	2.0	ug/L		08/05/18 13:12	08/06/18 10:45	1

Client Sample ID: MR-12

Lab Sample ID: 460-161927-3

Date Collected: 08/02/18 11:00
Matrix: Water
Date Received: 08/02/18 20:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/08/18 06:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/08/18 06:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/08/18 06:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 06:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/08/18 06:02	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			08/08/18 06:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/08/18 06:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/08/18 06:02	1
1,2,4-Trimethylbenzene	**18**		1.0	0.37	ug/L			08/08/18 06:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/08/18 06:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			08/08/18 06:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/08/18 06:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/08/18 06:02	1
1,3,5-Trimethylbenzene	**6.7**		1.0	0.33	ug/L			08/08/18 06:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/08/18 06:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			08/08/18 06:02	1
1,4-Dioxane	50	U	50	28	ug/L			08/08/18 06:02	1
2-Butanone (MEK)	**2.6**	**J**	5.0	1.9	ug/L			08/08/18 06:02	1

Client Sample ID: MR-12

Date Collected: 08/02/18 11:00
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	5.0	U	5.0	2.9	ug/L			08/08/18 06:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			08/08/18 06:02	1
Acetone	**15**		5.0	5.0	ug/L			08/08/18 06:02	1
Benzene	**20**		1.0	0.43	ug/L			08/08/18 06:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/08/18 06:02	1
Bromomethane	1.0	U	1.0	1.0	ug/L			08/08/18 06:02	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			08/08/18 06:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/08/18 06:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/08/18 06:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/08/18 06:02	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			08/08/18 06:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/08/18 06:02	1
Chloroform	**2.1**		1.0	0.33	ug/L			08/08/18 06:02	1
Chloromethane	1.0	U	1.0	0.14	ug/L			08/08/18 06:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/08/18 06:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			08/08/18 06:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/08/18 06:02	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			08/08/18 06:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			08/08/18 06:02	1
Ethylbenzene	**6.0**		1.0	0.30	ug/L			08/08/18 06:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/08/18 06:02	1
Isopropylbenzene	**0.80**	**J**	1.0	0.34	ug/L			08/08/18 06:02	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			08/08/18 06:02	1
Methyl tert-butyl ether	**0.99**	**J**	1.0	0.47	ug/L			08/08/18 06:02	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			08/08/18 06:02	1
Methylene Chloride	**1.0**		1.0	0.32	ug/L			08/08/18 06:02	1
m-Xylene & p-Xylene	**36**		1.0	0.30	ug/L			08/08/18 06:02	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 06:02	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/08/18 06:02	1
o-Xylene	**29**		1.0	0.36	ug/L			08/08/18 06:02	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/08/18 06:02	1
Styrene	**14**		1.0	0.42	ug/L			08/08/18 06:02	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/08/18 06:02	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/08/18 06:02	1
Toluene	**23**		1.0	0.38	ug/L			08/08/18 06:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/08/18 06:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			08/08/18 06:02	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/08/18 06:02	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			08/08/18 06:02	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/08/18 06:02	1
Xylenes, Total	**65**		2.0	0.65	ug/L			08/08/18 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*74 - 132*		*08/08/18 06:02*	*1*
4-Bromofluorobenzene	*115*		*77 - 124*		*08/08/18 06:02*	*1*
Dibromofluoromethane (Surr)	*105*		*72 - 131*		*08/08/18 06:02*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*08/08/18 06:02*	*1*

Client Sample ID: MR-12

Date Collected: 08/02/18 11:00
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-3

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	50	U	50	5.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
1,2,4,5-Tetrachlorobenzene	50	U	50	6.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,2'-oxybis[1-chloropropane]	50	U	50	3.1	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,3,4,6-Tetrachlorophenol	50	U	50	3.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4,5-Trichlorophenol	50	U	50	1.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4,6-Trichlorophenol	50	U	50	1.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4-Dichlorophenol	50	U	50	2.1	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4-Dimethylphenol	50	U	50	1.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4-Dinitrophenol	100	U	100	72	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,4-Dinitrotoluene	10	U	10	5.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
2,6-Dinitrotoluene	10	U	10	2.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Chloronaphthalene	50	U	50	5.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Chlorophenol	50	U	50	1.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Methylnaphthalene	**32**	**J**	50	5.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Methylphenol	**170**		50	1.3	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Nitroaniline	50	U	50	2.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
2-Nitrophenol	50	U	50	3.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
3 & 4 Methylphenol	**140**		50	1.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
3,3'-Dichlorobenzidine	50	U *	50	7.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
3-Nitroaniline	50	U	50	4.8	ug/L		08/05/18 10:31	08/07/18 00:44	5
4,6-Dinitro-2-methylphenol	100	U	100	66	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Bromophenyl phenyl ether	50	U	50	3.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Chloro-3-methylphenol	50	U	50	2.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Chloroaniline	50	U *	50	9.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Chlorophenyl phenyl ether	50	U	50	6.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Methylphenol	**140**		50	1.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Nitroaniline	50	U	50	2.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
4-Nitrophenol	100	U	100	3.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Acenaphthene	**21**	**J**	50	5.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Acenaphthylene	50	U	50	4.1	ug/L		08/05/18 10:31	08/07/18 00:44	5
Acetophenone	50	U	50	4.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Anthracene	50	U	50	3.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
Atrazine	10	U	10	6.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzaldehyde	50	U *	50	3.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzo[a]anthracene	5.0	U	5.0	3.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzo[a]pyrene	5.0	U	5.0	2.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzo[b]fluoranthene	10	U	10	5.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzo[g,h,i]perylene	50	U	50	7.1	ug/L		08/05/18 10:31	08/07/18 00:44	5
Benzo[k]fluoranthene	5.0	U	5.0	3.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Bis(2-chloroethoxy)methane	50	U	50	1.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
Bis(2-chloroethyl)ether	5.0	U	5.0	1.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Bis(2-ethylhexyl) phthalate	10	U	10	8.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Butyl benzyl phthalate	50	U	50	4.3	ug/L		08/05/18 10:31	08/07/18 00:44	5
Caprolactam	50	U *	50	3.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Carbazole	**13**	**J**	50	3.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Chrysene	10	U	10	4.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Dibenz(a,h)anthracene	5.0	U	5.0	3.6	ug/L		08/05/18 10:31	08/07/18 00:44	5
Dibenzofuran	**11**	**J**	50	5.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Diethyl phthalate	50	U	50	4.9	ug/L		08/05/18 10:31	08/07/18 00:44	5

Client Sample ID: MR-12

Date Collected: 08/02/18 11:00
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-3

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	50	U	50	3.8	ug/L		08/05/18 10:31	08/07/18 00:44	5
Di-n-butyl phthalate	50	U	50	4.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
Di-n-octyl phthalate	50	U	50	24	ug/L		08/05/18 10:31	08/07/18 00:44	5
Fluoranthene	50	U	50	4.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
Fluorene	**13**	**J**	50	4.6	ug/L		08/05/18 10:31	08/07/18 00:44	5
Hexachlorobenzene	5.0	U	5.0	2.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Hexachlorobutadiene	5.0	U	5.0	3.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
Hexachlorocyclopentadiene	50	U	50	8.6	ug/L		08/05/18 10:31	08/07/18 00:44	5
Hexachloroethane	10	U	10	6.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Indeno[1,2,3-cd]pyrene	10	U	10	6.4	ug/L		08/05/18 10:31	08/07/18 00:44	5
Isophorone	50	U	50	4.0	ug/L		08/05/18 10:31	08/07/18 00:44	5
Naphthalene	**570**		50	5.7	ug/L		08/05/18 10:31	08/07/18 00:44	5
Nitrobenzene	5.0	U	5.0	2.8	ug/L		08/05/18 10:31	08/07/18 00:44	5
N-Nitrosodi-n-propylamine	5.0	U	5.0	2.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
N-Nitrosodiphenylamine	50	U	50	4.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Pentachlorophenol	100	U	100	7.2	ug/L		08/05/18 10:31	08/07/18 00:44	5
Phenanthrene	**8.7**	**J**	50	2.9	ug/L		08/05/18 10:31	08/07/18 00:44	5
Phenol	50	U	50	1.5	ug/L		08/05/18 10:31	08/07/18 00:44	5
Pyrene	50	U	50	8.2	ug/L		08/05/18 10:31	08/07/18 00:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*131*		*26 - 139*	*08/05/18 10:31*	*08/07/18 00:44*	*5*
2-Fluorobiphenyl	*76*		*45 - 107*	*08/05/18 10:31*	*08/07/18 00:44*	*5*
2-Fluorophenol (Surr)	*44*		*25 - 58*	*08/05/18 10:31*	*08/07/18 00:44*	*5*
Nitrobenzene-d5 (Surr)	*102*		*51 - 108*	*08/05/18 10:31*	*08/07/18 00:44*	*5*
Phenol-d5 (Surr)	*31*		*14 - 39*	*08/05/18 10:31*	*08/07/18 00:44*	*5*
Terphenyl-d14 (Surr)	*76*		*40 - 148*	*08/05/18 10:31*	*08/07/18 00:44*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 13:45	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 13:45	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 13:45	1
Aldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 13:45	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		08/06/18 09:21	08/07/18 13:45	1
beta-BHC	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 13:45	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		08/06/18 09:21	08/07/18 13:45	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 13:45	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 13:45	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endrin	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 13:45	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		08/06/18 09:21	08/07/18 13:45	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		08/06/18 09:21	08/07/18 13:45	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		08/06/18 09:21	08/07/18 13:45	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		08/06/18 09:21	08/07/18 13:45	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		08/06/18 09:21	08/07/18 13:45	1

Client Sample ID: MR-12

Date Collected: 08/02/18 11:00
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-3

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.50	U	0.50	0.11	ug/L		08/06/18 09:21	08/07/18 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*18*		*10 - 150*	*08/06/18 09:21*	*08/07/18 13:45*	*1*
DCB Decachlorobiphenyl	*19*		*10 - 150*	*08/06/18 09:21*	*08/07/18 13:45*	*1*
Tetrachloro-m-xylene	*21*		*12 - 136*	*08/06/18 09:21*	*08/07/18 13:45*	*1*
Tetrachloro-m-xylene	*25*		*12 - 136*	*08/06/18 09:21*	*08/07/18 13:45*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 14:06	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		08/06/18 09:25	08/07/18 14:06	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		08/06/18 09:25	08/07/18 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*10 - 150*	*08/06/18 09:25*	*08/07/18 14:06*	*1*
DCB Decachlorobiphenyl	*42*		*10 - 150*	*08/06/18 09:25*	*08/07/18 14:06*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		08/06/18 20:49	08/07/18 09:57	1
2,4-D	1.2	U	1.2	0.13	ug/L		08/06/18 20:49	08/07/18 09:57	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		08/06/18 20:49	08/07/18 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*85*		*54 - 150*	*08/06/18 20:49*	*08/07/18 09:57*	*1*
2,4-Dichlorophenylacetic acid	*91*		*54 - 150*	*08/06/18 20:49*	*08/07/18 09:57*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7010**		40.0	15.0	ug/L		08/06/18 02:30	08/07/18 04:54	2
Antimony	**2.1**		2.0	0.62	ug/L		08/06/18 02:30	08/08/18 04:33	2
Arsenic	**6.0**		2.0	0.77	ug/L		08/06/18 02:30	08/07/18 04:54	2
Barium	**238**		4.0	1.1	ug/L		08/06/18 02:30	08/07/18 04:54	2
Beryllium	0.80	U	0.80	0.26	ug/L		08/06/18 02:30	08/07/18 04:54	2
Cadmium	2.0	U	2.0	0.61	ug/L		08/06/18 02:30	08/07/18 04:54	2
Calcium	**106000**		200	67.6	ug/L		08/06/18 02:30	08/07/18 04:54	2
Chromium	**23.5**		4.0	1.3	ug/L		08/06/18 02:30	08/07/18 04:54	2
Cobalt	**13.0**		4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:33	2
Copper	**140**		4.0	1.9	ug/L		08/06/18 02:30	08/08/18 04:33	2
Iron	**12600**		120	45.7	ug/L		08/06/18 02:30	08/07/18 04:54	2
Lead	**5.4**		1.2	0.37	ug/L		08/06/18 02:30	08/07/18 04:54	2
Magnesium	**42800**		200	65.7	ug/L		08/06/18 02:30	08/07/18 04:54	2
Manganese	**634**		8.0	2.7	ug/L		08/06/18 02:30	08/07/18 04:54	2

Client Sample ID: MR-12

Date Collected: 08/02/18 11:00
Date Received: 08/02/18 20:00

Lab Sample ID: 460-161927-3

Matrix: Water

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**51.1**		4.0	1.3	ug/L		08/06/18 02:30	08/08/18 04:33	2
Potassium	**21500**		200	64.9	ug/L		08/06/18 02:30	08/07/18 04:54	2
Selenium	10.0	U	10.0	0.69	ug/L		08/06/18 02:30	08/07/18 04:54	2
Silver	**22.8**		2.0	1.4	ug/L		08/06/18 02:30	08/07/18 04:54	2
Sodium	**124000**		200	75.7	ug/L		08/06/18 02:30	08/07/18 04:54	2
Thallium	0.80	U	0.80	0.24	ug/L		08/06/18 02:30	08/07/18 04:54	2
Vanadium	**11.8**		4.0	1.2	ug/L		08/06/18 02:30	08/07/18 04:54	2
Zinc	**105**		16.0	5.4	ug/L		08/06/18 02:30	08/07/18 04:54	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/07/18 11:52	08/07/18 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**41.8**	**B**	10.0	2.0	ug/L		08/05/18 13:12	08/06/18 10:45	1

ANALYTICAL REPORT

Job Number: 460-165448-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 3:10 PM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
11/19/2018
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-165448-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 3:10 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-165448-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-165448-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs and SVOCs.

RECEIPT
The samples were received on 9/26/2018 7:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-1_0.5-2.5 (460-165448-1), RX-1_5.0-7.0 (460-165448-2), RX-1_8.0-10.0 (460-165448-3), RX-1_13.5-15.5 (460-165448-4), RX-2_0.5-2.5 (460-165448-5) and RX-2_10.0-12.0 (460-165448-6) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 09/27/2018 and analyzed on 09/28/2018 and 10/01/2018.

The continuing calibration verification (CCV) analyzed in batch 460-555604 was outside the method criteria for the following analytes: 1,1,1-Trichloroethane and Carbon tetrachloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-555604 recovered outside control limits for the following analyte: Dichlorodifluoromethane.

The continuing calibration verification (CCV) analyzed in batch 460-555717 was outside the method criteria for the following analytes: Chloroethane, 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Trichlorofluoromethane and Carbon tetrachloride (biased high); Chloromethane and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-555717 recovered outside control limits for the following analytes: Chloroethane, Bromoform, Methylcyclohexane and Bromomethane. These analytes were not detected in the associated sample, except for Methylcyclohexane. The data has been flagged and reported.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range: RX-1_0.5-2.5 (460-165448-1), RX-1_5.0-7.0 (460-165448-2), RX-1_8.0-10.0 (460-165448-3), RX-1_13.5-15.5 (460-165448-4) and RX-2_10.0-12.0 (460-165448-6). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-1_0.5-2.5 (460-165448-1), RX-1_8.0-10.0 (460-165448-3), RX-1_13.5-15.5 (460-165448-4), RX-2_0.5-2.5 (460-165448-5) and RX-2_10.0-12.0 (460-165448-6) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/27/2018 and analyzed on 09/28/2018.

The continuing calibration verification (CCV) analyzed in batch 460-555654 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Surrogates recoveries for the following laboratory control sample (LCS) associated with batch 460-555587 were outside the upper control limits. All spike recoveries were within limits. Sample has been qualified and reported.

Several analytes failed the recovery criteria low for the MS of sample 460-165461-1 in batch 460-555654.

Several analytes failed the recovery criteria low for the MSD of sample 460-165461-1 in batch 460-555654.

Refer to the QC report for details.

Sample RX-1_8.0-10.0 (460-165448-3)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Samples RX-1_0.5-2.5 (460-165448-1), RX-1_8.0-10.0 (460-165448-3), RX-2_0.5-2.5 (460-165448-5) and RX-2_10.0-12.0 (460-165448-6) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 10/02/2018 and analyzed on 10/02/2018 and 10/03/2018.

Several analytes failed the recovery criteria low for the MS of sample 460-165388-5 in batch 460-556984. Aluminum, Iron and Vanadium failed the recovery criteria high.

For the MSD of sample 460-165388-5 in batch 460-556984, Several analytes failed the recovery criteria low. Magnesium failed the recovery criteria high. Also, Lead exceeded the RPD limit.

Antimony failed the recovery criteria low for the MS of sample 460-165469-4 in batch 460-556839. Several analytes failed the recovery criteria high.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Copper, Iron, Lead, Manganese, Selenium and Zinc exceeded the RPD limit for the duplicate of sample 460-165388-5. Calcium and Magnesium exceeded the RPD limit for the duplicate of sample 460-165469-4. Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples RX-1_0.5-2.5 (460-165448-1), RX-1_8.0-10.0 (460-165448-3), RX-2_0.5-2.5 (460-165448-5) and RX-2_10.0-12.0 (460-165448-6) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 10/01/2018.

Sample RX-1_0.5-2.5 (460-165448-1)[3X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples RX-1_0.5-2.5 (460-165448-1), RX-1_5.0-7.0 (460-165448-2), RX-1_8.0-10.0 (460-165448-3), RX-1_13.5-15.5 (460-165448-4), RX-2_0.5-2.5 (460-165448-5) and RX-2_10.0-12.0 (460-165448-6) were analyzed for percent solids/percent moisture in accordance with

EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/01/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-165448-1	RX-1_0.5-2.5	Solid	09/26/18 13:30	09/26/18 19:30
460-165448-2	RX-1_5.0-7.0	Solid	09/26/18 13:45	09/26/18 19:30
460-165448-3	RX-1_8.0-10.0	Solid	09/26/18 14:00	09/26/18 19:30
460-165448-4	RX-1_13.5-15.5	Solid	09/26/18 14:15	09/26/18 19:30
460-165448-5	RX-2_0.5-2.5	Solid	09/26/18 14:30	09/26/18 19:30
460-165448-6	RX-2_10.0-12.0	Solid	09/26/18 14:45	09/26/18 19:30

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Client Sample ID: RX-1_0.5-2.5 — Lab Sample ID: 460-165448-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.0		0.11	0.024	mg/Kg	50	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.41		0.11	0.026	mg/Kg	50	☼	8260C	Total/NA
Benzene	0.45		0.11	0.020	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	6.4		0.11	0.032	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	1.9		0.11	0.034	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	5.9		0.11	0.023	mg/Kg	50	☼	8260C	Total/NA
m-Xylene & p-Xylene	2.4		0.11	0.029	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	4.5		0.11	0.028	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	4.4		0.11	0.030	mg/Kg	50	☼	8260C	Total/NA
o-Xylene	0.30		0.11	0.034	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	1.8		0.11	0.033	mg/Kg	50	☼	8260C	Total/NA
tert-Butylbenzene	0.25		0.11	0.029	mg/Kg	50	☼	8260C	Total/NA
Toluene	0.22		0.11	0.026	mg/Kg	50	☼	8260C	Total/NA
Xylenes, Total	2.7		0.21	0.029	mg/Kg	50	☼	8260C	Total/NA
1,1'-Biphenyl	0.027	J	0.36	0.0047	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	2.1		0.36	0.0045	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.010	J	0.36	0.0037	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.014	J	0.36	0.0040	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.078		0.036	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.11		0.036	0.0095	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.15		0.036	0.0093	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.36	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.054		0.036	0.0070	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.068	J	0.36	0.019	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.12	J	0.36	0.0060	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.026	J	0.036	0.015	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.0077	J	0.36	0.0050	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.16	J	0.36	0.0046	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.021	J	0.36	0.0049	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.090		0.036	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	3.2		0.36	0.0062	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.068	J	0.36	0.0063	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.20	J	0.36	0.0089	mg/Kg	1	☼	8270D	Total/NA
Aluminum	4550		19.3	6.6	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.38	J	0.97	0.28	mg/Kg	20	☼	6020B	Total/NA
Arsenic	15.0		0.97	0.31	mg/Kg	20	☼	6020B	Total/NA
Barium	75.0		1.9	0.64	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.60		0.39	0.16	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.93	J	0.97	0.32	mg/Kg	20	☼	6020B	Total/NA
Calcium	21700		96.6	28.7	mg/Kg	20	☼	6020B	Total/NA
Chromium	12.1		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Cobalt	4.1		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Copper	55.2		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Iron	13400		58.0	20.3	mg/Kg	20	☼	6020B	Total/NA
Lead	127		0.58	0.18	mg/Kg	20	☼	6020B	Total/NA
Magnesium	10400		96.6	26.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	121		3.9	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	13.0		1.9	0.63	mg/Kg	20	☼	6020B	Total/NA
Potassium	793		96.6	34.8	mg/Kg	20	☼	6020B	Total/NA
Selenium	1.1	J	4.8	0.28	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Client Sample ID: RX-1_0.5-2.5 (Continued) — Lab Sample ID: 460-165448-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	249		96.6	30.2	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.49		0.39	0.12	mg/Kg	20	☼	6020B	Total/NA
Vanadium	27.2		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Zinc	305		7.7	3.8	mg/Kg	20	☼	6020B	Total/NA
Mercury	1.7		0.053	0.031	mg/Kg	3	☼	7471B	Total/NA

Client Sample ID: RX-1_5.0-7.0 — Lab Sample ID: 460-165448-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.070	J	0.095	0.022	mg/Kg	50	☼	8260C	Total/NA
Cyclohexane	0.053	J	0.095	0.025	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	0.12		0.095	0.029	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	0.71		0.095	0.030	mg/Kg	50	☼	8260C	Total/NA
Methyl acetate	0.089	J	0.48	0.055	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	0.33	*	0.095	0.021	mg/Kg	50	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.22		0.095	0.027	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	1.3		0.095	0.026	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	2.0		0.095	0.028	mg/Kg	50	☼	8260C	Total/NA
o-Xylene	0.037	J	0.095	0.030	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	0.61		0.095	0.030	mg/Kg	50	☼	8260C	Total/NA
tert-Butylbenzene	0.067	J	0.095	0.027	mg/Kg	50	☼	8260C	Total/NA
Toluene	0.15		0.095	0.024	mg/Kg	50	☼	8260C	Total/NA
Xylenes, Total	0.26		0.19	0.027	mg/Kg	50	☼	8260C	Total/NA

Client Sample ID: RX-1_8.0-10.0 — Lab Sample ID: 460-165448-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.45		0.10	0.026	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	1.1		0.10	0.031	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	7.0		0.10	0.033	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	2.8		0.10	0.023	mg/Kg	50	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.11		0.10	0.029	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	14		0.10	0.028	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	19		0.10	0.030	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	4.6		0.10	0.032	mg/Kg	50	☼	8260C	Total/NA
tert-Butylbenzene	0.48		0.10	0.029	mg/Kg	50	☼	8260C	Total/NA
Xylenes, Total	0.11	J	0.21	0.029	mg/Kg	50	☼	8260C	Total/NA
1,2,4-Trimethylbenzene - DL	82		1.0	0.24	mg/Kg	500	☼	8260C	Total/NA
1,1'-Biphenyl	0.12	J	0.77	0.010	mg/Kg	2	☼	8270D	Total/NA
2-Methylnaphthalene	9.7		0.77	0.0097	mg/Kg	2	☼	8270D	Total/NA
Fluoranthene	0.014	J	0.77	0.010	mg/Kg	2	☼	8270D	Total/NA
Fluorene	0.039	J	0.77	0.011	mg/Kg	2	☼	8270D	Total/NA
Naphthalene	11		0.77	0.013	mg/Kg	2	☼	8270D	Total/NA
Phenanthrene	0.067	J	0.77	0.014	mg/Kg	2	☼	8270D	Total/NA
Pyrene	0.022	J	0.77	0.019	mg/Kg	2	☼	8270D	Total/NA
Aluminum	15700		21.7	7.4	mg/Kg	20	☼	6020B	Total/NA
Arsenic	0.95	J	1.1	0.35	mg/Kg	20	☼	6020B	Total/NA
Barium	34.1		2.2	0.72	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.48		0.43	0.18	mg/Kg	20	☼	6020B	Total/NA
Calcium	149000		109	32.3	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-1_8.0-10.0 (Continued) — Lab Sample ID: 460-165448-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	17.4		2.2	0.65	mg/Kg	20	☼	6020B	Total/NA
Cobalt	4.0		2.2	0.65	mg/Kg	20	☼	6020B	Total/NA
Copper	8.6		2.2	0.62	mg/Kg	20	☼	6020B	Total/NA
Iron	9250		65.2	22.8	mg/Kg	20	☼	6020B	Total/NA
Lead	13.1		0.65	0.21	mg/Kg	20	☼	6020B	Total/NA
Magnesium	87600		109	30.2	mg/Kg	20	☼	6020B	Total/NA
Manganese	137		4.3	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	10.1		2.2	0.71	mg/Kg	20	☼	6020B	Total/NA
Potassium	5930		109	39.1	mg/Kg	20	☼	6020B	Total/NA
Sodium	746		109	34.0	mg/Kg	20	☼	6020B	Total/NA
Vanadium	18.8		2.2	0.62	mg/Kg	20	☼	6020B	Total/NA
Zinc	36.8		8.7	4.2	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.026		0.018	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-1_13.5-15.5 — Lab Sample ID: 460-165448-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.1		0.11	0.025	mg/Kg	50	☼	8260C	Total/NA
Cyclohexane	0.47		0.11	0.028	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	0.14		0.11	0.033	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	1.4		0.11	0.035	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	2.4	*	0.11	0.024	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	2.3		0.11	0.029	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	3.9		0.11	0.032	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	0.76		0.11	0.034	mg/Kg	50	☼	8260C	Total/NA
tert-Butylbenzene	0.066	J	0.11	0.031	mg/Kg	50	☼	8260C	Total/NA
2-Methylnaphthalene	0.66		0.40	0.0051	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.011	J	0.40	0.0053	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.0091	J	0.40	0.0055	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.91		0.40	0.0070	mg/Kg	1	☼	8270D	Total/NA
N-Nitrosodiphenylamine	0.0085	J	0.40	0.0078	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.016	J	0.40	0.0071	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.012	J	0.40	0.010	mg/Kg	1	☼	8270D	Total/NA

Client Sample ID: RX-2_0.5-2.5 — Lab Sample ID: 460-165448-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0018		0.0014	0.00014	mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.00042	J	0.0014	0.00017	mg/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	0.0090		0.0072	0.0016	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.039		0.0072	0.0055	mg/Kg	1	☼	8260C	Total/NA
Benzene	0.0098		0.0014	0.00037	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.0019		0.0014	0.00038	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.0037		0.0014	0.00029	mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.0030		0.0014	0.00018	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.0066		0.0014	0.00025	mg/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	0.0075		0.0014	0.00021	mg/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	0.0089		0.0014	0.00025	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00050	J	0.0014	0.00014	mg/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	0.0095		0.0014	0.00013	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-2_0.5-2.5 (Continued) — Lab Sample ID: 460-165448-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butylbenzene	0.0012	J	0.0014	0.00018	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.0025		0.0014	0.00090	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.0071		0.0029	0.00037	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.16	J	0.50	0.0063	mg/Kg	1	☼	8270D	Total/NA
Acetophenone	0.10	J	0.50	0.0081	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.018	J	0.050	0.013	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.020	J	0.50	0.0085	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.023	J	0.50	0.0066	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.014	J	0.50	0.0068	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.31	J	0.50	0.0087	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.031	J	0.50	0.0089	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.026	J	0.50	0.013	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8590		26.8	9.2	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.86	J	1.3	0.39	mg/Kg	20	☼	6020B	Total/NA
Arsenic	46.2		1.3	0.43	mg/Kg	20	☼	6020B	Total/NA
Barium	150		2.7	0.89	mg/Kg	20	☼	6020B	Total/NA
Beryllium	1.4		0.54	0.22	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.77	J	1.3	0.45	mg/Kg	20	☼	6020B	Total/NA
Calcium	27700		134	39.8	mg/Kg	20	☼	6020B	Total/NA
Chromium	21.5		2.7	0.80	mg/Kg	20	☼	6020B	Total/NA
Cobalt	6.6		2.7	0.81	mg/Kg	20	☼	6020B	Total/NA
Copper	78.2		2.7	0.77	mg/Kg	20	☼	6020B	Total/NA
Iron	24200		80.4	28.1	mg/Kg	20	☼	6020B	Total/NA
Lead	307		0.80	0.25	mg/Kg	20	☼	6020B	Total/NA
Magnesium	6870		134	37.2	mg/Kg	20	☼	6020B	Total/NA
Manganese	123		5.4	1.6	mg/Kg	20	☼	6020B	Total/NA
Nickel	18.4		2.7	0.87	mg/Kg	20	☼	6020B	Total/NA
Potassium	1000		134	48.2	mg/Kg	20	☼	6020B	Total/NA
Selenium	3.0	J	6.7	0.39	mg/Kg	20	☼	6020B	Total/NA
Sodium	406		134	41.9	mg/Kg	20	☼	6020B	Total/NA
Thallium	1.8		0.54	0.17	mg/Kg	20	☼	6020B	Total/NA
Vanadium	39.1		2.7	0.76	mg/Kg	20	☼	6020B	Total/NA
Zinc	200		10.7	5.2	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.26		0.026	0.015	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-2_10.0-12.0 — Lab Sample ID: 460-165448-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.050	J	0.10	0.024	mg/Kg	50	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	1.2		0.10	0.026	mg/Kg	50	☼	8260C	Total/NA
Benzene	0.047	J	0.10	0.019	mg/Kg	50	☼	8260C	Total/NA
Cyclohexane	11		0.10	0.027	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	1.1		0.10	0.031	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	13		0.10	0.033	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	33	*	0.10	0.023	mg/Kg	50	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.058	J	0.10	0.029	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	16		0.10	0.028	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	43		0.10	0.030	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	5.4		0.10	0.032	mg/Kg	50	☼	8260C	Total/NA
tert-Butylbenzene	0.25		0.10	0.029	mg/Kg	50	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-2_10.0-12.0 (Continued) — Lab Sample ID: 460-165448-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.058	J	0.21	0.029	mg/Kg	50	☼	8260C	Total/NA
1,1'-Biphenyl	0.040	J	0.40	0.0053	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	4.2		0.40	0.0050	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.011	J	0.40	0.0041	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.0071	J	0.40	0.0045	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.015	J	0.040	0.014	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.0073	J	0.40	0.0068	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.018	J	0.40	0.0052	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.033	J	0.40	0.0054	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	4.3		0.40	0.0069	mg/Kg	1	☼	8270D	Total/NA
N-Nitrosodiphenylamine	0.037	J	0.40	0.0077	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.055	J	0.40	0.0071	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.022	J	0.40	0.010	mg/Kg	1	☼	8270D	Total/NA
Aluminum	6580		20.4	7.0	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.1		1.0	0.33	mg/Kg	20	☼	6020B	Total/NA
Barium	28.8		2.0	0.68	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.42		0.41	0.16	mg/Kg	20	☼	6020B	Total/NA
Calcium	9660		102	30.3	mg/Kg	20	☼	6020B	Total/NA
Chromium	11.3		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.1		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Copper	9.1		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Iron	10800		61.2	21.4	mg/Kg	20	☼	6020B	Total/NA
Lead	9.8		0.61	0.19	mg/Kg	20	☼	6020B	Total/NA
Magnesium	8320		102	28.4	mg/Kg	20	☼	6020B	Total/NA
Manganese	137		4.1	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	11.1		2.0	0.66	mg/Kg	20	☼	6020B	Total/NA
Potassium	1250		102	36.7	mg/Kg	20	☼	6020B	Total/NA
Sodium	260		102	31.9	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.13	mg/Kg	20	☼	6020B	Total/NA
Vanadium	14.7		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Zinc	25.7		8.2	4.0	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: RX-1_0.5-2.5

Date Collected: 09/26/18 13:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-1

Matrix: Solid
Percent Solids: 92.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.029	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.020	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.036	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,1,2-Trichloroethane	0.11	U	0.11	0.0084	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,1-Dichloroethane	0.11	U	0.11	0.025	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,1-Dichloroethene	0.11	U	0.11	0.036	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.037	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.028	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2,4-Trimethylbenzene	**1.0**		0.11	0.024	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2-Dichlorobenzene	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,2-Dichloropropane	0.11	U	0.11	0.019	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,3,5-Trimethylbenzene	**0.41**		0.11	0.026	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,3-Dichlorobenzene	0.11	U	0.11	0.035	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,4-Dichlorobenzene	0.11	U	0.11	0.035	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
1,4-Dioxane	5.3	U	5.3	0.91	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
2-Butanone (MEK)	0.53	U	0.53	0.23	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
2-Hexanone	0.53	U	0.53	0.076	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
4-Methyl-2-pentanone (MIBK)	0.53	U	0.53	0.066	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Acetone	0.53	U	0.53	0.11	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Benzene	**0.45**		0.11	0.020	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Bromoform	0.11	U	0.11	0.019	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Bromomethane	0.11	U	0.11	0.019	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Carbon disulfide	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Carbon tetrachloride	0.11	U	0.11	0.035	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chlorobenzene	0.11	U	0.11	0.025	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chlorobromomethane	0.11	U	0.11	0.032	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chlorodibromomethane	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chloroethane	0.11	U	0.11	0.039	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chloroform	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Chloromethane	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.027	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.017	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Cyclohexane	0.11	U	0.11	0.027	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Dichlorobromomethane	0.11	U	0.11	0.016	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Dichlorodifluoromethane	0.11	U	0.11	0.015	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Ethylbenzene	**6.4**		0.11	0.032	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Ethylene Dibromide	0.11	U	0.11	0.020	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Isopropylbenzene	**1.9**		0.11	0.034	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Methyl acetate	0.53	U	0.53	0.061	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Methyl tert-butyl ether	0.11	U	0.11	0.014	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Methylcyclohexane	**5.9**		0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Methylene Chloride	0.11	U	0.11	0.022	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
m-Xylene & p-Xylene	**2.4**		0.11	0.029	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
n-Butylbenzene	**4.5**		0.11	0.028	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
N-Propylbenzene	**4.4**		0.11	0.030	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
o-Xylene	**0.30**		0.11	0.034	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
sec-Butylbenzene	**1.8**		0.11	0.033	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50

Client Sample ID: RX-1_0.5-2.5

Date Collected: 09/26/18 13:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-1

Matrix: Solid
Percent Solids: 92.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.11	U	0.11	0.018	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
tert-Butylbenzene	**0.25**		0.11	0.029	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Tetrachloroethene	0.11	U	0.11	0.038	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Toluene	**0.22**		0.11	0.026	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.019	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.020	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Trichloroethene	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Trichlorofluoromethane	0.11	U	0.11	0.016	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Vinyl chloride	0.11	U	0.11	0.021	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50
Xylenes, Total	**2.7**		0.21	0.029	mg/Kg	☼	09/27/18 07:48	10/01/18 09:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*69 - 143*	*09/27/18 07:48*	*10/01/18 09:48*	*50*
4-Bromofluorobenzene	*112*		*61 - 137*	*09/27/18 07:48*	*10/01/18 09:48*	*50*
Dibromofluoromethane (Surr)	*114*		*61 - 135*	*09/27/18 07:48*	*10/01/18 09:48*	*50*
Toluene-d8 (Surr)	*117*		*67 - 127*	*09/27/18 07:48*	*10/01/18 09:48*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.027**	**J**	0.36	0.0047	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0047	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4-Dichlorophenol	0.14	U	0.14	0.0076	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,4-Dinitrotoluene	0.072	U	0.072	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Chlorophenol	0.36	U	0.36	0.0050	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Methylnaphthalene	**2.1**		0.36	0.0045	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Methylphenol	0.36	U	0.36	0.0058	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
2-Nitrophenol	0.36	U	0.36	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
3 & 4 Methylphenol	0.36	U	0.36	0.0061	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
3-Nitroaniline	0.36	U	0.36	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.058	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0046	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Chloroaniline	0.36	U	0.36	0.025	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0056	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Methylphenol	0.36	U	0.36	0.0061	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Acenaphthene	0.36	U	0.36	0.026	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Acenaphthylene	**0.010**	**J**	0.36	0.0037	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Acetophenone	0.36	U	0.36	0.0058	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1

Client Sample ID: RX-1_0.5-2.5

Date Collected: 09/26/18 13:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-1

Matrix: Solid
Percent Solids: 92.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.014**	**J**	0.36	0.0040	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Atrazine	0.14	U	0.14	0.0090	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzaldehyde	0.36	U	0.36	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzo[a]anthracene	**0.078**		0.036	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzo[a]pyrene	**0.11**		0.036	0.0095	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzo[b]fluoranthene	**0.15**		0.036	0.0093	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.36	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Benzo[k]fluoranthene	**0.054**		0.036	0.0070	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.0043	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Bis(2-ethylhexyl) phthalate	**0.068**	**J**	0.36	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Caprolactam	0.36	U	0.36	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Carbazole	0.36	U	0.36	0.0042	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Chrysene	**0.12**	**J**	0.36	0.0060	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Dibenz(a,h)anthracene	**0.026**	**J**	0.036	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Dibenzofuran	**0.0077**	**J**	0.36	0.0050	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Diethyl phthalate	0.36	U	0.36	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Dimethyl phthalate	0.36	U	0.36	0.0043	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Di-n-butyl phthalate	0.36	U	0.36	0.063	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Fluoranthene	**0.16**	**J**	0.36	0.0046	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Fluorene	**0.021**	**J**	0.36	0.0049	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Hexachlorobenzene	0.036	U	0.036	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Hexachloroethane	0.036	U	0.036	0.0055	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Indeno[1,2,3-cd]pyrene	**0.090**		0.036	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Isophorone	0.14	U	0.14	0.0094	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Naphthalene	**3.2**		0.36	0.0062	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Nitrobenzene	0.036	U	0.036	0.0086	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.0057	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0068	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Phenanthrene	**0.068**	**J**	0.36	0.0063	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Phenol	0.36	U	0.36	0.0053	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1
Pyrene	**0.20**	**J**	0.36	0.0089	mg/Kg	☼	09/27/18 16:14	09/28/18 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 103*	*09/27/18 16:14*	*09/28/18 07:01*	*1*
2-Fluorobiphenyl	*54*		*38 - 95*	*09/27/18 16:14*	*09/28/18 07:01*	*1*
2-Fluorophenol (Surr)	*65*		*25 - 92*	*09/27/18 16:14*	*09/28/18 07:01*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 94*	*09/27/18 16:14*	*09/28/18 07:01*	*1*
Phenol-d5 (Surr)	*61*		*32 - 91*	*09/27/18 16:14*	*09/28/18 07:01*	*1*
Terphenyl-d14 (Surr)	*50*		*24 - 109*	*09/27/18 16:14*	*09/28/18 07:01*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4550**		19.3	6.6	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Antimony	**0.38**	**J**	0.97	0.28	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20

Client Sample ID: RX-1_0.5-2.5

Lab Sample ID: 460-165448-1
Date Collected: 09/26/18 13:30
Matrix: Solid
Date Received: 09/26/18 19:30
Percent Solids: 92.4

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15.0**		0.97	0.31	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Barium	**75.0**		1.9	0.64	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Beryllium	**0.60**		0.39	0.16	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Cadmium	**0.93**	**J**	0.97	0.32	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Calcium	**21700**		96.6	28.7	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Chromium	**12.1**		1.9	0.58	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Cobalt	**4.1**		1.9	0.58	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Copper	**55.2**		1.9	0.55	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Iron	**13400**		58.0	20.3	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Lead	**127**		0.58	0.18	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Magnesium	**10400**		96.6	26.9	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Manganese	**121**		3.9	1.2	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Nickel	**13.0**		1.9	0.63	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Potassium	**793**		96.6	34.8	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Selenium	**1.1**	**J**	4.8	0.28	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Silver	0.97	U	0.97	0.60	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Sodium	**249**		96.6	30.2	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Thallium	**0.49**		0.39	0.12	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Vanadium	**27.2**		1.9	0.55	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20
Zinc	**305**		7.7	3.8	mg/Kg	☼	10/02/18 09:15	10/02/18 16:24	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.7**		0.053	0.031	mg/Kg	☼	10/01/18 03:49	10/01/18 10:46	3

Client Sample ID: RX-1_5.0-7.0

Lab Sample ID: 460-165448-2
Date Collected: 09/26/18 13:45
Matrix: Solid
Date Received: 09/26/18 19:30
Percent Solids: 89.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.095	U	0.095	0.027	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,1,2,2-Tetrachloroethane	0.095	U	0.095	0.018	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.095	U	0.095	0.032	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,1,2-Trichloroethane	0.095	U	0.095	0.0076	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,1-Dichloroethane	0.095	U	0.095	0.023	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,1-Dichloroethene	0.095	U	0.095	0.032	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2,3-Trichlorobenzene	0.095	U	0.095	0.033	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2,4-Trichlorobenzene	0.095	U	0.095	0.026	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2,4-Trimethylbenzene	**0.070**	**J**	0.095	0.022	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2-Dibromo-3-Chloropropane	0.095	U	0.095	0.022	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2-Dichlorobenzene	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2-Dichloroethane	0.095	U	0.095	0.024	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,2-Dichloropropane	0.095	U	0.095	0.017	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,3,5-Trimethylbenzene	0.095	U	0.095	0.024	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,3-Dichlorobenzene	0.095	U	0.095	0.031	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,4-Dichlorobenzene	0.095	U	0.095	0.031	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
1,4-Dioxane	4.8	U	4.8	0.83	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
2-Butanone (MEK)	0.48	U	0.48	0.21	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
2-Hexanone	0.48	U	0.48	0.069	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50

Client Sample ID: RX-1_5.0-7.0

Date Collected: 09/26/18 13:45
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-2

Matrix: Solid
Percent Solids: 89.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.48	U	0.48	0.060	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Acetone	0.48	U	0.48	0.10	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Benzene	0.095	U	0.095	0.018	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Bromoform	0.095	U *	0.095	0.017	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Bromomethane	0.095	U *	0.095	0.017	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Carbon disulfide	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Carbon tetrachloride	0.095	U	0.095	0.031	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chlorobenzene	0.095	U	0.095	0.023	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chlorobromomethane	0.095	U	0.095	0.029	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chlorodibromomethane	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chloroethane	0.095	U *	0.095	0.035	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chloroform	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Chloromethane	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
cis-1,2-Dichloroethene	0.095	U	0.095	0.025	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
cis-1,3-Dichloropropene	0.095	U	0.095	0.015	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Cyclohexane	**0.053**	**J**	0.095	0.025	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Dichlorobromomethane	0.095	U	0.095	0.014	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Dichlorodifluoromethane	0.095	U	0.095	0.013	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Ethylbenzene	**0.12**		0.095	0.029	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Ethylene Dibromide	0.095	U	0.095	0.018	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Isopropylbenzene	**0.71**		0.095	0.030	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Methyl acetate	**0.089**	**J**	0.48	0.055	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Methyl tert-butyl ether	0.095	U	0.095	0.012	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Methylcyclohexane	**0.33**	*****	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Methylene Chloride	0.095	U	0.095	0.020	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
m-Xylene & p-Xylene	**0.22**		0.095	0.027	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
n-Butylbenzene	**1.3**		0.095	0.026	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
N-Propylbenzene	**2.0**		0.095	0.028	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
o-Xylene	**0.037**	**J**	0.095	0.030	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
sec-Butylbenzene	**0.61**		0.095	0.030	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Styrene	0.095	U	0.095	0.016	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
tert-Butylbenzene	**0.067**	**J**	0.095	0.027	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Tetrachloroethene	0.095	U	0.095	0.034	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Toluene	**0.15**		0.095	0.024	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
trans-1,2-Dichloroethene	0.095	U	0.095	0.017	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
trans-1,3-Dichloropropene	0.095	U	0.095	0.018	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Trichloroethene	0.095	U	0.095	0.021	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Trichlorofluoromethane	0.095	U	0.095	0.014	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Vinyl chloride	0.095	U	0.095	0.019	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50
Xylenes, Total	**0.26**		0.19	0.027	mg/Kg	☼	09/27/18 07:49	09/28/18 09:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*141*		*69 - 143*	*09/27/18 07:49*	*09/28/18 09:52*	*50*
4-Bromofluorobenzene	*120*		*61 - 137*	*09/27/18 07:49*	*09/28/18 09:52*	*50*
Dibromofluoromethane (Surr)	*123*		*61 - 135*	*09/27/18 07:49*	*09/28/18 09:52*	*50*
Toluene-d8 (Surr)	*118*		*67 - 127*	*09/27/18 07:49*	*09/28/18 09:52*	*50*

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Client Sample ID: RX-1_8.0-10.0

Date Collected: 09/26/18 14:00
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-3

Matrix: Solid
Percent Solids: 85.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.10	U	0.10	0.029	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.020	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.10	U	0.10	0.035	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,1,2-Trichloroethane	0.10	U	0.10	0.0083	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,1-Dichloroethane	0.10	U	0.10	0.025	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,1-Dichloroethene	0.10	U	0.10	0.035	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2,3-Trichlorobenzene	0.10	U	0.10	0.036	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2,4-Trichlorobenzene	0.10	U	0.10	0.028	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2-Dibromo-3-Chloropropane	0.10	U	0.10	0.024	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2-Dichlorobenzene	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2-Dichloroethane	0.10	U	0.10	0.026	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,2-Dichloropropane	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,3,5-Trimethylbenzene	**0.45**		0.10	0.026	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,3-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,4-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
1,4-Dioxane	5.2	U	5.2	0.90	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
2-Butanone (MEK)	0.52	U	0.52	0.23	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
2-Hexanone	0.52	U	0.52	0.075	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
4-Methyl-2-pentanone (MIBK)	0.52	U	0.52	0.065	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Acetone	0.52	U	0.52	0.11	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Benzene	0.10	U	0.10	0.020	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Bromoform	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Bromomethane	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Carbon disulfide	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Carbon tetrachloride	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chlorobenzene	0.10	U	0.10	0.025	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chlorobromomethane	0.10	U	0.10	0.031	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chlorodibromomethane	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chloroethane	0.10	U	0.10	0.038	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chloroform	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Chloromethane	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
cis-1,2-Dichloroethene	0.10	U	0.10	0.027	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
cis-1,3-Dichloropropene	0.10	U	0.10	0.017	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Cyclohexane	0.10	U	0.10	0.027	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Dichlorobromomethane	0.10	U	0.10	0.016	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Dichlorodifluoromethane	0.10	U	0.10	0.015	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Ethylbenzene	**1.1**		0.10	0.031	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Ethylene Dibromide	0.10	U	0.10	0.020	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Isopropylbenzene	**7.0**		0.10	0.033	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Methyl acetate	0.52	U	0.52	0.060	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Methyl tert-butyl ether	0.10	U	0.10	0.014	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Methylcyclohexane	**2.8**		0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Methylene Chloride	0.10	U	0.10	0.022	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
m-Xylene & p-Xylene	**0.11**		0.10	0.029	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
n-Butylbenzene	**14**		0.10	0.028	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
N-Propylbenzene	**19**		0.10	0.030	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
o-Xylene	0.10	U	0.10	0.033	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
sec-Butylbenzene	**4.6**		0.10	0.032	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Styrene	0.10	U	0.10	0.018	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50

Client Sample ID: RX-1_8.0-10.0

Date Collected: 09/26/18 14:00
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-3

Matrix: Solid
Percent Solids: 85.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**0.48**		0.10	0.029	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Tetrachloroethene	0.10	U	0.10	0.037	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Toluene	0.10	U	0.10	0.026	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
trans-1,2-Dichloroethene	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
trans-1,3-Dichloropropene	0.10	U	0.10	0.020	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Trichloroethene	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Trichlorofluoromethane	0.10	U	0.10	0.016	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Vinyl chloride	0.10	U	0.10	0.021	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50
Xylenes, Total	**0.11**	**J**	0.21	0.029	mg/Kg	☼	09/27/18 07:49	10/01/18 10:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*69 - 143*	*09/27/18 07:49*	*10/01/18 10:12*	*50*
4-Bromofluorobenzene	*104*		*61 - 137*	*09/27/18 07:49*	*10/01/18 10:12*	*50*
Dibromofluoromethane (Surr)	*101*		*61 - 135*	*09/27/18 07:49*	*10/01/18 10:12*	*50*
Toluene-d8 (Surr)	*112*		*67 - 127*	*09/27/18 07:49*	*10/01/18 10:12*	*50*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**82**		1.0	0.24	mg/Kg	☼	09/27/18 07:49	09/28/18 04:59	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*153*	*	*69 - 143*	*09/27/18 07:49*	*09/28/18 04:59*	*500*
4-Bromofluorobenzene	*123*		*61 - 137*	*09/27/18 07:49*	*09/28/18 04:59*	*500*
Dibromofluoromethane (Surr)	*118*		*61 - 135*	*09/27/18 07:49*	*09/28/18 04:59*	*500*
Toluene-d8 (Surr)	*123*		*67 - 127*	*09/27/18 07:49*	*09/28/18 04:59*	*500*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.12**	**J**	0.77	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
1,2,4,5-Tetrachlorobenzene	0.77	U	0.77	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,2'-oxybis[1-chloropropane]	0.77	U	0.77	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,3,4,6-Tetrachlorophenol	0.77	U	0.77	0.053	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4,5-Trichlorophenol	0.77	U	0.77	0.026	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4,6-Trichlorophenol	0.31	U	0.31	0.039	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4-Dichlorophenol	0.31	U	0.31	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4-Dimethylphenol	0.77	U	0.77	0.034	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4-Dinitrophenol	0.62	U	0.62	0.38	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,4-Dinitrotoluene	0.16	U	0.16	0.039	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2,6-Dinitrotoluene	0.16	U	0.16	0.025	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Chloronaphthalene	0.77	U	0.77	0.036	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Chlorophenol	0.77	U	0.77	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Methylnaphthalene	**9.7**		0.77	0.0097	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Methylphenol	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Nitroaniline	0.77	U	0.77	0.029	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
2-Nitrophenol	0.77	U	0.77	0.025	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
3 & 4 Methylphenol	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
3,3'-Dichlorobenzidine	0.31	U	0.31	0.12	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
3-Nitroaniline	0.77	U	0.77	0.042	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4,6-Dinitro-2-methylphenol	0.62	U	0.62	0.13	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Bromophenyl phenyl ether	0.77	U	0.77	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2

Client Sample ID: RX-1_8.0-10.0

Date Collected: 09/26/18 14:00
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-3

Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Chloroaniline	0.77	U	0.77	0.054	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Chlorophenyl phenyl ether	0.77	U	0.77	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Methylphenol	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Nitroaniline	0.77	U	0.77	0.029	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
4-Nitrophenol	1.6	U	1.6	0.13	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Acenaphthene	0.77	U	0.77	0.056	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Acenaphthylene	0.77	U	0.77	0.0080	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Acetophenone	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Anthracene	0.77	U	0.77	0.0087	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Atrazine	0.31	U	0.31	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzaldehyde	0.77	U	0.77	0.034	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzo[a]anthracene	0.077	U	0.077	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzo[a]pyrene	0.077	U	0.077	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzo[b]fluoranthene	0.077	U	0.077	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzo[g,h,i]perylene	0.77	U	0.77	0.023	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Benzo[k]fluoranthene	0.077	U	0.077	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Bis(2-chloroethoxy)methane	0.77	U	0.77	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Bis(2-chloroethyl)ether	0.077	U	0.077	0.0094	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Bis(2-ethylhexyl) phthalate	0.77	U	0.77	0.041	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Butyl benzyl phthalate	0.77	U	0.77	0.036	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Caprolactam	0.77	U	0.77	0.046	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Carbazole	0.77	U	0.77	0.0091	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Chrysene	0.77	U	0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Dibenz(a,h)anthracene	0.077	U	0.077	0.034	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Dibenzofuran	0.77	U	0.77	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Diethyl phthalate	0.77	U	0.77	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Dimethyl phthalate	0.77	U	0.77	0.0094	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Di-n-butyl phthalate	0.77	U	0.77	0.14	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Di-n-octyl phthalate	0.77	U	0.77	0.041	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Fluoranthene	**0.014**	**J**	0.77	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Fluorene	**0.039**	**J**	0.77	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Hexachlorobenzene	0.077	U	0.077	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Hexachlorobutadiene	0.16	U	0.16	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Hexachlorocyclopentadiene	0.77	U	0.77	0.068	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Hexachloroethane	0.077	U	0.077	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Indeno[1,2,3-cd]pyrene	0.077	U	0.077	0.030	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Isophorone	0.31	U	0.31	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Naphthalene	**11**		0.77	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Nitrobenzene	0.077	U	0.077	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
N-Nitrosodi-n-propylamine	0.077	U	0.077	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
N-Nitrosodiphenylamine	0.77	U	0.77	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Pentachlorophenol	0.62	U	0.62	0.16	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Phenanthrene	**0.067**	**J**	0.77	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Phenol	0.77	U	0.77	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2
Pyrene	**0.022**	**J**	0.77	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 08:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 103*	*09/27/18 16:14*	*09/28/18 08:27*	*2*
2-Fluorobiphenyl	*63*		*38 - 95*	*09/27/18 16:14*	*09/28/18 08:27*	*2*

Client Sample ID: RX-1_8.0-10.0

Lab Sample ID: 460-165448-3

Date Collected: 09/26/18 14:00
Date Received: 09/26/18 19:30

Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*70*		*25 - 92*	*09/27/18 16:14*	*09/28/18 08:27*	*2*
Nitrobenzene-d5 (Surr)	*72*		*37 - 94*	*09/27/18 16:14*	*09/28/18 08:27*	*2*
Phenol-d5 (Surr)	*66*		*32 - 91*	*09/27/18 16:14*	*09/28/18 08:27*	*2*
Terphenyl-d14 (Surr)	*58*		*24 - 109*	*09/27/18 16:14*	*09/28/18 08:27*	*2*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15700**		21.7	7.4	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Antimony	1.1	U	1.1	0.32	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Arsenic	**0.95**	**J**	1.1	0.35	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Barium	**34.1**		2.2	0.72	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Beryllium	**0.48**		0.43	0.18	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Cadmium	1.1	U	1.1	0.37	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Calcium	**149000**		109	32.3	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Chromium	**17.4**		2.2	0.65	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Cobalt	**4.0**		2.2	0.65	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Copper	**8.6**		2.2	0.62	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Iron	**9250**		65.2	22.8	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Lead	**13.1**		0.65	0.21	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Magnesium	**87600**		109	30.2	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Manganese	**137**		4.3	1.3	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Nickel	**10.1**		2.2	0.71	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Potassium	**5930**		109	39.1	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Selenium	5.4	U	5.4	0.32	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Silver	1.1	U	1.1	0.67	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Sodium	**746**		109	34.0	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Thallium	0.43	U	0.43	0.14	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Vanadium	**18.8**		2.2	0.62	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20
Zinc	**36.8**		8.7	4.2	mg/Kg	☼	10/02/18 09:15	10/02/18 16:29	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.026**		0.018	0.011	mg/Kg	☼	10/01/18 03:49	10/01/18 10:48	1

Client Sample ID: RX-1_13.5-15.5

Lab Sample ID: 460-165448-4

Date Collected: 09/26/18 14:15
Date Received: 09/26/18 19:30

Matrix: Solid
Percent Solids: 81.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.031	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.021	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,1,2-Trichloroethane	0.11	U	0.11	0.0087	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,1-Dichloroethene	0.11	U	0.11	0.037	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.029	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2,4-Trimethylbenzene	**1.1**		0.11	0.025	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.025	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50

Client Sample ID: RX-1_13.5-15.5

Date Collected: 09/26/18 14:15
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-4

Matrix: Solid
Percent Solids: 81.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,3,5-Trimethylbenzene	0.11	U	0.11	0.027	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,4-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
1,4-Dioxane	5.5	U	5.5	0.95	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
2-Butanone (MEK)	0.55	U	0.55	0.24	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
2-Hexanone	0.55	U	0.55	0.079	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
4-Methyl-2-pentanone (MIBK)	0.55	U	0.55	0.069	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Acetone	0.55	U	0.55	0.12	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Benzene	0.11	U	0.11	0.021	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Bromoform	0.11	U *	0.11	0.020	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Bromomethane	0.11	U *	0.11	0.020	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Carbon disulfide	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chlorobromomethane	0.11	U	0.11	0.033	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chloroethane	0.11	U *	0.11	0.040	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Chloromethane	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.028	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.017	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Cyclohexane	**0.47**		0.11	0.028	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Dichlorobromomethane	0.11	U	0.11	0.016	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Dichlorodifluoromethane	0.11	U	0.11	0.015	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Ethylbenzene	**0.14**		0.11	0.033	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Isopropylbenzene	**1.4**		0.11	0.035	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Methyl acetate	0.55	U	0.55	0.063	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Methyl tert-butyl ether	0.11	U	0.11	0.014	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Methylcyclohexane	**2.4**	*	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
m-Xylene & p-Xylene	0.11	U	0.11	0.031	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
n-Butylbenzene	**2.3**		0.11	0.029	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
N-Propylbenzene	**3.9**		0.11	0.032	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
o-Xylene	0.11	U	0.11	0.035	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
sec-Butylbenzene	**0.76**		0.11	0.034	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
tert-Butylbenzene	**0.066**	**J**	0.11	0.031	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Tetrachloroethene	0.11	U	0.11	0.039	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Toluene	0.11	U	0.11	0.027	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.021	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Trichlorofluoromethane	0.11	U	0.11	0.016	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50
Xylenes, Total	0.22	U	0.22	0.031	mg/Kg	☼	09/27/18 07:50	09/28/18 10:20	50

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Client Sample ID: RX-1_13.5-15.5

Date Collected: 09/26/18 14:15
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-4

Matrix: Solid
Percent Solids: 81.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*69 - 143*	*09/27/18 07:50*	*09/28/18 10:20*	*50*
4-Bromofluorobenzene	*110*		*61 - 137*	*09/27/18 07:50*	*09/28/18 10:20*	*50*
Dibromofluoromethane (Surr)	*111*		*61 - 135*	*09/27/18 07:50*	*09/28/18 10:20*	*50*
Toluene-d8 (Surr)	*108*		*67 - 127*	*09/27/18 07:50*	*09/28/18 10:20*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.0054	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.0053	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0073	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4-Dichlorophenol	0.16	U	0.16	0.0086	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4-Dimethylphenol	0.40	U	0.40	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4-Dinitrophenol	0.33	U	0.33	0.20	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,4-Dinitrotoluene	0.082	U	0.082	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2,6-Dinitrotoluene	0.082	U	0.082	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Chloronaphthalene	0.40	U	0.40	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Chlorophenol	0.40	U	0.40	0.0057	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Methylnaphthalene	**0.66**		0.40	0.0051	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Methylphenol	0.40	U	0.40	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
2-Nitrophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
3 & 4 Methylphenol	0.40	U	0.40	0.0069	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.061	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
3-Nitroaniline	0.40	U	0.40	0.022	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.066	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.0067	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Chloroaniline	0.40	U	0.40	0.028	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.0064	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Methylphenol	0.40	U	0.40	0.0069	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
4-Nitrophenol	0.82	U	0.82	0.066	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Acenaphthene	0.40	U	0.40	0.030	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Acenaphthylene	0.40	U	0.40	0.0042	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Acetophenone	0.40	U	0.40	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Anthracene	0.40	U	0.40	0.0045	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzaldehyde	0.40	U	0.40	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzo[a]anthracene	0.040	U	0.040	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzo[a]pyrene	0.040	U	0.040	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzo[b]fluoranthene	0.040	U	0.040	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0080	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.0049	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1

Client Sample ID: RX-1_13.5-15.5

Lab Sample ID: 460-165448-4
Date Collected: 09/26/18 14:15
Matrix: Solid
Date Received: 09/26/18 19:30
Percent Solids: 81.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.40	U	0.40	0.024	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Carbazole	0.40	U	0.40	0.0047	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Chrysene	0.40	U	0.40	0.0069	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Dibenzofuran	0.40	U	0.40	0.0057	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Diethyl phthalate	0.40	U	0.40	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Dimethyl phthalate	0.40	U	0.40	0.0049	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Di-n-butyl phthalate	0.40	U	0.40	0.072	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Fluoranthene	**0.011**	**J**	0.40	0.0053	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Fluorene	**0.0091**	**J**	0.40	0.0055	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Hexachlorobenzene	0.040	U	0.040	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Hexachlorobutadiene	0.082	U	0.082	0.0086	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.036	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Hexachloroethane	0.040	U	0.040	0.0063	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Isophorone	0.16	U	0.16	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Naphthalene	**0.91**		0.40	0.0070	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Nitrobenzene	0.040	U	0.040	0.0097	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
N-Nitrosodiphenylamine	**0.0085**	**J**	0.40	0.0078	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Pentachlorophenol	0.33	U	0.33	0.083	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Phenanthrene	**0.016**	**J**	0.40	0.0071	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Phenol	0.40	U	0.40	0.0060	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1
Pyrene	**0.012**	**J**	0.40	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 103*	*09/27/18 16:14*	*09/28/18 01:02*	*1*
2-Fluorobiphenyl	*56*		*38 - 95*	*09/27/18 16:14*	*09/28/18 01:02*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 92*	*09/27/18 16:14*	*09/28/18 01:02*	*1*
Nitrobenzene-d5 (Surr)	*55*		*37 - 94*	*09/27/18 16:14*	*09/28/18 01:02*	*1*
Phenol-d5 (Surr)	*59*		*32 - 91*	*09/27/18 16:14*	*09/28/18 01:02*	*1*
Terphenyl-d14 (Surr)	*56*		*24 - 109*	*09/27/18 16:14*	*09/28/18 01:02*	*1*

Client Sample ID: RX-2_0.5-2.5

Lab Sample ID: 460-165448-5
Date Collected: 09/26/18 14:30
Matrix: Solid
Date Received: 09/26/18 19:30
Percent Solids: 65.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00031	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00044	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00026	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00030	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00013	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2,4-Trimethylbenzene	**0.0018**		0.0014	0.00014	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00067	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1

Client Sample ID: RX-2_0.5-2.5

Date Collected: 09/26/18 14:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-5

Matrix: Solid
Percent Solids: 65.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00021	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,3,5-Trimethylbenzene	**0.00042**	**J**	0.0014	0.00017	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00023	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00014	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
1,4-Dioxane	0.029	U	0.029	0.013	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
2-Butanone (MEK)	**0.0090**		0.0072	0.0016	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
2-Hexanone	0.0072	U	0.0072	0.0011	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.00096	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Acetone	**0.039**		0.0072	0.0055	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Benzene	**0.0098**		0.0014	0.00037	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Bromomethane	0.0014	U	0.0014	0.00069	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Carbon disulfide	**0.0019**		0.0014	0.00038	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Carbon tetrachloride	0.0014	U	0.0014	0.00026	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chlorobromomethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chlorodibromomethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chloroform	0.0014	U	0.0014	0.00046	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00022	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Ethylbenzene	**0.0037**		0.0014	0.00029	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Ethylene Dibromide	0.0014	U	0.0014	0.00026	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Isopropylbenzene	**0.0030**		0.0014	0.00018	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00018	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Methylcyclohexane	0.0014	U	0.0014	0.00023	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Methylene Chloride	0.0014	U	0.0014	0.00024	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
m-Xylene & p-Xylene	**0.0066**		0.0014	0.00025	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
n-Butylbenzene	**0.0075**		0.0014	0.00021	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
N-Propylbenzene	**0.0089**		0.0014	0.00025	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
o-Xylene	**0.00050**	**J**	0.0014	0.00014	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
sec-Butylbenzene	**0.0095**		0.0014	0.00013	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Styrene	0.0014	U	0.0014	0.00018	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
tert-Butylbenzene	**0.0012**	**J**	0.0014	0.00018	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Tetrachloroethene	0.0014	U	0.0014	0.00021	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Toluene	**0.0025**		0.0014	0.00090	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Trichloroethene	0.0014	U	0.0014	0.00021	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1
Xylenes, Total	**0.0071**		0.0029	0.00037	mg/Kg	☼	09/27/18 07:44	09/28/18 09:10	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165448-1

Client Sample ID: RX-2_0.5-2.5

Date Collected: 09/26/18 14:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-5

Matrix: Solid
Percent Solids: 65.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		78 - 135	09/27/18 07:44	09/28/18 09:10	1
4-Bromofluorobenzene	90		67 - 126	09/27/18 07:44	09/28/18 09:10	1
Dibromofluoromethane (Surr)	83		61 - 149	09/27/18 07:44	09/28/18 09:10	1
Toluene-d8 (Surr)	93		73 - 121	09/27/18 07:44	09/28/18 09:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.50	U	0.50	0.0067	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
1,2,4,5-Tetrachlorobenzene	0.50	U	0.50	0.0066	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,2'-oxybis[1-chloropropane]	0.50	U	0.50	0.0091	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,3,4,6-Tetrachlorophenol	0.50	U	0.50	0.034	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4,5-Trichlorophenol	0.50	U	0.50	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4,6-Trichlorophenol	0.20	U	0.20	0.025	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4-Dichlorophenol	0.20	U	0.20	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4-Dimethylphenol	0.50	U	0.50	0.022	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4-Dinitrophenol	0.41	U	0.41	0.25	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,4-Dinitrotoluene	0.10	U	0.10	0.026	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2,6-Dinitrotoluene	0.10	U	0.10	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Chloronaphthalene	0.50	U	0.50	0.023	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Chlorophenol	0.50	U	0.50	0.0071	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Methylnaphthalene	**0.16**	**J**	0.50	0.0063	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Methylphenol	0.50	U	0.50	0.0081	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Nitroaniline	0.50	U	0.50	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
2-Nitrophenol	0.50	U	0.50	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
3 & 4 Methylphenol	0.50	U	0.50	0.0086	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
3,3'-Dichlorobenzidine	0.20	U	0.20	0.076	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
3-Nitroaniline	0.50	U	0.50	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4,6-Dinitro-2-methylphenol	0.41	U	0.41	0.082	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Bromophenyl phenyl ether	0.50	U	0.50	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Chloro-3-methylphenol	0.50	U	0.50	0.0084	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Chloroaniline	0.50	U	0.50	0.035	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Chlorophenyl phenyl ether	0.50	U	0.50	0.0080	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Methylphenol	0.50	U	0.50	0.0086	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Nitroaniline	0.50	U	0.50	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
4-Nitrophenol	1.0	U	1.0	0.082	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Acenaphthene	0.50	U	0.50	0.037	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Acenaphthylene	0.50	U	0.50	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Acetophenone	**0.10**	**J**	0.50	0.0081	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Anthracene	0.50	U	0.50	0.0056	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Atrazine	0.20	U	0.20	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzaldehyde	0.50	U	0.50	0.022	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzo[a]anthracene	0.050	U	0.050	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzo[a]pyrene	0.050	U	0.050	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzo[b]fluoranthene	**0.018**	**J**	0.050	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzo[g,h,i]perylene	0.50	U	0.50	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Benzo[k]fluoranthene	0.050	U	0.050	0.0099	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Bis(2-chloroethoxy)methane	0.50	U	0.50	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Bis(2-chloroethyl)ether	0.050	U	0.050	0.0061	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Bis(2-ethylhexyl) phthalate	0.50	U	0.50	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Butyl benzyl phthalate	0.50	U	0.50	0.024	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1

Client Sample ID: RX-2_0.5-2.5

Date Collected: 09/26/18 14:30
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-5

Matrix: Solid
Percent Solids: 65.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.50	U	0.50	0.030	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Carbazole	0.50	U	0.50	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Chrysene	**0.020**	**J**	0.50	0.0085	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.022	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Dibenzofuran	0.50	U	0.50	0.0071	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Diethyl phthalate	0.50	U	0.50	0.0073	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Dimethyl phthalate	0.50	U	0.50	0.0061	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Di-n-butyl phthalate	0.50	U	0.50	0.089	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Di-n-octyl phthalate	0.50	U	0.50	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Fluoranthene	**0.023**	**J**	0.50	0.0066	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Fluorene	**0.014**	**J**	0.50	0.0068	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Hexachlorobenzene	0.050	U	0.050	0.0074	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Hexachlorobutadiene	0.10	U	0.10	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Hexachlorocyclopentadiene	0.50	U	0.50	0.044	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Hexachloroethane	0.050	U	0.050	0.0078	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Isophorone	0.20	U	0.20	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Naphthalene	**0.31**	**J**	0.50	0.0087	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Nitrobenzene	0.050	U	0.050	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
N-Nitrosodi-n-propylamine	0.050	U	0.050	0.0080	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
N-Nitrosodiphenylamine	0.50	U	0.50	0.0097	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Pentachlorophenol	0.41	U	0.41	0.10	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Phenanthrene	**0.031**	**J**	0.50	0.0089	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Phenol	0.50	U	0.50	0.0075	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1
Pyrene	**0.026**	**J**	0.50	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 103*	*09/27/18 16:14*	*09/28/18 07:25*	*1*
2-Fluorobiphenyl	*57*		*38 - 95*	*09/27/18 16:14*	*09/28/18 07:25*	*1*
2-Fluorophenol (Surr)	*57*		*25 - 92*	*09/27/18 16:14*	*09/28/18 07:25*	*1*
Nitrobenzene-d5 (Surr)	*49*		*37 - 94*	*09/27/18 16:14*	*09/28/18 07:25*	*1*
Phenol-d5 (Surr)	*60*		*32 - 91*	*09/27/18 16:14*	*09/28/18 07:25*	*1*
Terphenyl-d14 (Surr)	*62*		*24 - 109*	*09/27/18 16:14*	*09/28/18 07:25*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8590**		26.8	9.2	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Antimony	**0.86**	**J**	1.3	0.39	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Arsenic	**46.2**		1.3	0.43	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Barium	**150**		2.7	0.89	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Beryllium	**1.4**		0.54	0.22	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Cadmium	**0.77**	**J**	1.3	0.45	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Calcium	**27700**		134	39.8	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Chromium	**21.5**		2.7	0.80	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Cobalt	**6.6**		2.7	0.81	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Copper	**78.2**		2.7	0.77	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Iron	**24200**		80.4	28.1	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Lead	**307**		0.80	0.25	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Magnesium	**6870**		134	37.2	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Manganese	**123**		5.4	1.6	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20

Client Sample ID: RX-2_0.5-2.5

Lab Sample ID: 460-165448-5

Date Collected: 09/26/18 14:30
Date Received: 09/26/18 19:30

Matrix: Solid
Percent Solids: 65.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**18.4**		2.7	0.87	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Potassium	**1000**		134	48.2	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Selenium	**3.0**	**J**	6.7	0.39	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Silver	1.3	U	1.3	0.83	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Sodium	**406**		134	41.9	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Thallium	**1.8**		0.54	0.17	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Vanadium	**39.1**		2.7	0.76	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20
Zinc	**200**		10.7	5.2	mg/Kg	☼	10/02/18 17:16	10/03/18 01:11	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.26**		0.026	0.015	mg/Kg	☼	10/01/18 03:49	10/01/18 08:44	1

Client Sample ID: RX-2_10.0-12.0

Lab Sample ID: 460-165448-6

Date Collected: 09/26/18 14:45
Date Received: 09/26/18 19:30

Matrix: Solid
Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.10	U	0.10	0.029	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.10	U	0.10	0.035	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,1,2-Trichloroethane	0.10	U	0.10	0.0082	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,1-Dichloroethane	0.10	U	0.10	0.025	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,1-Dichloroethene	0.10	U	0.10	0.035	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2,3-Trichlorobenzene	0.10	U	0.10	0.036	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2,4-Trichlorobenzene	0.10	U	0.10	0.028	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2,4-Trimethylbenzene	**0.050**	**J**	0.10	0.024	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2-Dibromo-3-Chloropropane	0.10	U	0.10	0.024	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2-Dichlorobenzene	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2-Dichloroethane	0.10	U	0.10	0.026	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,2-Dichloropropane	0.10	U	0.10	0.018	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,3,5-Trimethylbenzene	**1.2**		0.10	0.026	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,3-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,4-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
1,4-Dioxane	5.1	U	5.1	0.89	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
2-Butanone (MEK)	0.51	U	0.51	0.23	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
2-Hexanone	0.51	U	0.51	0.074	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
4-Methyl-2-pentanone (MIBK)	0.51	U	0.51	0.065	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Acetone	0.51	U	0.51	0.11	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Benzene	**0.047**	**J**	0.10	0.019	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Bromoform	0.10	U *	0.10	0.018	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Bromomethane	0.10	U *	0.10	0.018	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Carbon disulfide	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Carbon tetrachloride	0.10	U	0.10	0.034	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Chlorobenzene	0.10	U	0.10	0.025	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Chlorobromomethane	0.10	U	0.10	0.031	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Chlorodibromomethane	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Chloroethane	0.10	U *	0.10	0.038	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Chloroform	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50

Client Sample ID: RX-2_10.0-12.0

Date Collected: 09/26/18 14:45
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-6

Matrix: Solid
Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
cis-1,2-Dichloroethene	0.10	U	0.10	0.027	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
cis-1,3-Dichloropropene	0.10	U	0.10	0.016	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Cyclohexane	**11**		0.10	0.027	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Dichlorobromomethane	0.10	U	0.10	0.015	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Dichlorodifluoromethane	0.10	U	0.10	0.014	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Ethylbenzene	**1.1**		0.10	0.031	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Ethylene Dibromide	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Isopropylbenzene	**13**		0.10	0.033	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Methyl acetate	0.51	U	0.51	0.059	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Methyl tert-butyl ether	0.10	U	0.10	0.013	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Methylcyclohexane	**33**	*	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Methylene Chloride	0.10	U	0.10	0.022	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
m-Xylene & p-Xylene	**0.058**	**J**	0.10	0.029	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
n-Butylbenzene	**16**		0.10	0.028	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
N-Propylbenzene	**43**		0.10	0.030	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
o-Xylene	0.10	U	0.10	0.033	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
sec-Butylbenzene	**5.4**		0.10	0.032	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Styrene	0.10	U	0.10	0.017	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
tert-Butylbenzene	**0.25**		0.10	0.029	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Tetrachloroethene	0.10	U	0.10	0.037	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Toluene	0.10	U	0.10	0.026	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
trans-1,2-Dichloroethene	0.10	U	0.10	0.018	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
trans-1,3-Dichloropropene	0.10	U	0.10	0.019	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Trichloroethene	0.10	U	0.10	0.023	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Trichlorofluoromethane	0.10	U	0.10	0.015	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Vinyl chloride	0.10	U	0.10	0.021	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50
Xylenes, Total	**0.058**	**J**	0.21	0.029	mg/Kg	☼	09/27/18 07:51	09/28/18 10:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*142*		*69 - 143*	*09/27/18 07:51*	*09/28/18 10:48*	*50*
4-Bromofluorobenzene	*112*		*61 - 137*	*09/27/18 07:51*	*09/28/18 10:48*	*50*
Dibromofluoromethane (Surr)	*102*		*61 - 135*	*09/27/18 07:51*	*09/28/18 10:48*	*50*
Toluene-d8 (Surr)	*116*		*67 - 127*	*09/27/18 07:51*	*09/28/18 10:48*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.040**	**J**	0.40	0.0053	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.0053	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0073	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4-Dichlorophenol	0.16	U	0.16	0.0085	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4-Dimethylphenol	0.40	U	0.40	0.018	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,4-Dinitrotoluene	0.081	U	0.081	0.020	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2,6-Dinitrotoluene	0.081	U	0.081	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2-Chloronaphthalene	0.40	U	0.40	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2-Chlorophenol	0.40	U	0.40	0.0056	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1

Client Sample ID: RX-2_10.0-12.0

Date Collected: 09/26/18 14:45
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-6

Matrix: Solid
Percent Solids: 82.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**4.2**		0.40	0.0050	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2-Methylphenol	0.40	U	0.40	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
2-Nitrophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
3 & 4 Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.061	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
3-Nitroaniline	0.40	U	0.40	0.022	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.0067	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Chloroaniline	0.40	U	0.40	0.028	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.0063	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
4-Nitrophenol	0.81	U	0.81	0.065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Acenaphthene	0.40	U	0.40	0.029	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Acenaphthylene	**0.011**	**J**	0.40	0.0041	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Acetophenone	0.40	U	0.40	0.0065	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Anthracene	**0.0071**	**J**	0.40	0.0045	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzaldehyde	0.40	U	0.40	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzo[a]anthracene	**0.015**	**J**	0.040	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzo[a]pyrene	0.040	U	0.040	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzo[b]fluoranthene	0.040	U	0.040	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0079	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.014	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.0048	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Caprolactam	0.40	U	0.40	0.024	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Carbazole	0.40	U	0.40	0.0047	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Chrysene	**0.0073**	**J**	0.40	0.0068	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Dibenzofuran	0.40	U	0.40	0.0056	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Diethyl phthalate	0.40	U	0.40	0.0058	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Dimethyl phthalate	0.40	U	0.40	0.0048	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Di-n-butyl phthalate	0.40	U	0.40	0.071	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Fluoranthene	**0.018**	**J**	0.40	0.0052	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Fluorene	**0.033**	**J**	0.40	0.0054	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Hexachlorobenzene	0.040	U	0.040	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Hexachlorobutadiene	0.081	U	0.081	0.0085	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Hexachloroethane	0.040	U	0.040	0.0062	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Isophorone	0.16	U	0.16	0.011	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Naphthalene	**4.3**		0.40	0.0069	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Nitrobenzene	0.040	U	0.040	0.0096	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1

Client Sample ID: RX-2_10.0-12.0

Date Collected: 09/26/18 14:45
Date Received: 09/26/18 19:30

Lab Sample ID: 460-165448-6

Matrix: Solid
Percent Solids: 82.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.0064	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
N-Nitrosodiphenylamine	**0.037**	**J**	0.40	0.0077	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Pentachlorophenol	0.32	U	0.32	0.082	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Phenanthrene	**0.055**	**J**	0.40	0.0071	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Phenol	0.40	U	0.40	0.0059	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1
Pyrene	**0.022**	**J**	0.40	0.010	mg/Kg	☼	09/27/18 16:14	09/28/18 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 103*	*09/27/18 16:14*	*09/28/18 01:26*	*1*
2-Fluorobiphenyl	*61*		*38 - 95*	*09/27/18 16:14*	*09/28/18 01:26*	*1*
2-Fluorophenol (Surr)	*70*		*25 - 92*	*09/27/18 16:14*	*09/28/18 01:26*	*1*
Nitrobenzene-d5 (Surr)	*66*		*37 - 94*	*09/27/18 16:14*	*09/28/18 01:26*	*1*
Phenol-d5 (Surr)	*65*		*32 - 91*	*09/27/18 16:14*	*09/28/18 01:26*	*1*
Terphenyl-d14 (Surr)	*61*		*24 - 109*	*09/27/18 16:14*	*09/28/18 01:26*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6580**		20.4	7.0	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Antimony	1.0	U	1.0	0.30	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Arsenic	**2.1**		1.0	0.33	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Barium	**28.8**		2.0	0.68	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Beryllium	**0.42**		0.41	0.16	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Cadmium	1.0	U	1.0	0.34	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Calcium	**9660**		102	30.3	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Chromium	**11.3**		2.0	0.61	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Cobalt	**5.1**		2.0	0.61	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Copper	**9.1**		2.0	0.58	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Iron	**10800**		61.2	21.4	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Lead	**9.8**		0.61	0.19	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Magnesium	**8320**		102	28.4	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Manganese	**137**		4.1	1.2	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Nickel	**11.1**		2.0	0.66	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Potassium	**1250**		102	36.7	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Selenium	5.1	U	5.1	0.30	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Silver	1.0	U	1.0	0.63	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Sodium	**260**		102	31.9	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Thallium	**0.13**	**J**	0.41	0.13	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Vanadium	**14.7**		2.0	0.58	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20
Zinc	**25.7**		8.2	4.0	mg/Kg	☼	10/02/18 17:16	10/03/18 01:22	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.012	mg/Kg	☼	10/01/18 03:49	10/01/18 08:45	1

ANALYTICAL REPORT

Job Number: 460-165599-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 3:30 PM

Melissa Haas, Project Manager I
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11/19/2018
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-165599-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/19/2018 3:30 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-165599-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-165599-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs.

RECEIPT
The samples were received on 9/27/2018 8:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.2º C and 3.4º C.

Receipt Exceptions

The following sample was activated by the client on 10/5/18: RX-5_5.0-7.0 (460-165599-10).

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples Dup-20180927 (460-165599-1), RX-3_0.5-2.5 (460-165599-2), RX-3_8.0-10.0 (460-165599-3), RX-8_0.5-2.5 (460-165599-5), RX-8_8.0-10.0 (460-165599-6), RX-5_0.5-2.5 (460-165599-9) and RX-5_5.0-7.0 (460-165599-10) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 09/28/2018 and analyzed on 09/29/2018, 09/30/2018, 10/03/2018 and 10/09/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556151 was outside the method criteria for the following analyte: Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-556923 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-558614 was outside the method criteria for the following analytes: Dichlorodifluoromethane, 1,4-Dichlorobenzene and Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

m-Xylene & p-Xylene and Trichloroethene were detected in method blank LB3 460-555845/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples RX-2 (460-165599-4), FB-20180927 (460-165599-7) and Trip Blank (460-165599-8) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/02/2018.

N-Propylbenzene exceeds the calibration range in the following sample, the result is flagged "E" for estimated value: RX-2 (460-165599-4). This analyte was added as part of a revised compound list. Re-analysis was not performed because holding time had expired.

The continuing calibration verification (CCV) analyzed in batch 460-556564 was outside the method criteria for the following analyte(s): Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for batch 460-556564 recovered outside control limits for the following analyte: Benzene. This analyte was biased high in the LCSD. The laboratory control sample (LCS) recovery was within control limits. The associated sample data has been flagged and reported.

The laboratory control sample (LCS) for analytical batch 460-556564 recovered outside control limits for the following analyte: 1,1,2,2-Tetrachloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples RX-2 (460-165599-4) and FB-20180927 (460-165599-7) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/28/2018 and analyzed on 09/29/2018.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 460-555885 and analytical batch 460-556000 recovered outside control limits for the following analytes: Atrazine and Caprolactam.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-555885 and analytical batch 460-556000 recovered outside control limits for the following analytes: 2,4-Dichlorophenol, 2-Nitrophenol, 4-Nitrophenol, Acenaphthylene, Di-n-octyl phthalate, Isophorone and Phenol. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Dup-20180927 (460-165599-1), RX-3_0.5-2.5 (460-165599-2), RX-3_8.0-10.0 (460-165599-3), RX-8_0.5-2.5 (460-165599-5), RX-8_8.0-10.0 (460-165599-6), RX-5_0.5-2.5 (460-165599-9) and RX-5_5.0-7.0 (460-165599-10) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/29/2018 and 10/06/2018 and analyzed on 09/30/2018 and 10/07/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556257 was outside the method criteria for the following analyte(s): 4-Nitrophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The surrogate recovery for the blank associated with preparation batch 460-557977 and analytical batch 460-558099 was outside the upper control limits.

The following laboratory control sample (LCS) associated with batch 460-557977 contained one acid/base surrogate outside acceptance limits:(LCS 460-557977/2-A) and (LCS 460-557977/3-A). The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

2-Fluorobiphenyl failed the surrogate recovery criteria low for RX-8_0.5-2.5 (460-165599-5).

2-Fluorophenol (Surr) failed the surrogate recovery criteria high for LCS 460-556147/3-A.

Bis(2-chloroethyl)ether, Hexachloroethane and Nitrobenzene failed the recovery criteria low for LCS 460-556147/2-A.

Several analytes failed the recovery criteria low for the Matrix Spike (MS) of sample RX-3_8.0-10.0MS (460-165599-3) in batch 460-556257.

Several analytes failed the recovery criteria low for the Matrix Spike Duplicate (MSD) of sample RX-3_8.0-10.0MSD (460-165599-3) in batch 460-556257.

Several analytes failed the recovery criteria low for the MS of sample 460-165999-1 in batch 460-558099.

Several analytes failed the recovery criteria low for the MSD of sample 460-165999-1 in batch 460-558099. Hexachloroethane exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples Dup-20180927 (460-165599-1), RX-3_0.5-2.5 (460-165599-2), RX-3_8.0-10.0 (460-165599-3), RX-8_0.5-2.5 (460-165599-5), RX-8_8.0-10.0 (460-165599-6), RX-5_0.5-2.5 (460-165599-9) and RX-5_5.0-7.0 (460-165599-10) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 10/02/2018 and 10/09/2018 and analyzed on 10/03/2018 and 10/09/2018.

The method blank for preparation batch 460-556868 and analytical batch 460-557049 contained calcium above the method detection limit. This target analyte concentration was less than 10% of the sample concentration; therefore, re-extraction and/or re-analysis of samples was not performed.

Several analytes failed the recovery criteria low for the MS of sample 460-165388-5 in batch 460-556984. Aluminum, Iron and Vanadium failed the recovery criteria high.

For the MSD of sample 460-165388-5 in batch 460-556984, Several analytes failed the recovery criteria low. Magnesium failed the recovery criteria high. Also, Lead exceeded the RPD limit.

Antimony and Iron failed the recovery criteria low for the MS of sample RX-5_5.0-7.0MS (460-165599-10) in batch 460-558794. Calcium, Magnesium and Manganese failed the recovery criteria high.

Antimony, Iron and Magnesium failed the recovery criteria low for the MS of sample 460-165782-2 in batch 460-557049. Aluminum, Barium and Calcium failed the recovery criteria high.

Copper, Iron, Lead, Manganese, Selenium and Zinc exceeded the RPD limit for the duplicate of sample 460-165388-5. for the duplicate of sample RX-5_5.0-7.0DU (460-165599-10). for the duplicate of sample 460-165782-2.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Sample RX-3_8.0-10.0 (460-165599-3)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples RX-2 (460-165599-4) and FB-20180927 (460-165599-7) were analyzed for Metals in accordance with 6020B. The samples were prepared on 09/29/2018 and analyzed on 09/30/2018 and 10/01/2018.

Calcium, Nickel and Sodium failed the recovery criteria high for the MS of sample 460-164479-1 in batch 460-556483.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples RX-2 (460-165599-4) and FB-20180927 (460-165599-7) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/02/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples Dup-20180927 (460-165599-1), RX-3_0.5-2.5 (460-165599-2), RX-3_8.0-10.0 (460-165599-3), RX-8_0.5-2.5 (460-165599-5), RX-8_8.0-10.0 (460-165599-6), RX-5_0.5-2.5 (460-165599-9) and RX-5_5.0-7.0 (460-165599-10) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 10/03/2018 and 10/11/2018.

Mercury failed the recovery criteria high for the MS of sample 460-165588-3 in batch 460-557053.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples Dup-20180927 (460-165599-1), RX-3_0.5-2.5 (460-165599-2), RX-3_8.0-10.0 (460-165599-3), RX-8_0.5-2.5 (460-165599-5), RX-8_8.0-10.0 (460-165599-6), RX-5_0.5-2.5 (460-165599-9) and RX-5_5.0-7.0 (460-165599-10) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/02/2018 and 10/08/2018.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-165619-7.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-165599-1	Dup-20180927	Solid	09/27/18 00:00	09/27/18 20:20
460-165599-2	RX-3_0.5-2.5	Solid	09/27/18 11:45	09/27/18 20:20
460-165599-3	RX-3_8.0-10.0	Solid	09/27/18 11:30	09/27/18 20:20
460-165599-4	RX-2	Water	09/27/18 12:30	09/27/18 20:20
460-165599-5	RX-8_0.5-2.5	Solid	09/27/18 13:15	09/27/18 20:20
460-165599-6	RX-8_8.0-10.0	Solid	09/27/18 13:30	09/27/18 20:20
460-165599-7	FB-20180927	Water	09/27/18 14:45	09/27/18 20:20
460-165599-8	Trip Blank	Water	09/27/18 00:00	09/27/18 20:20
460-165599-9	RX-5_0.5-2.5	Solid	09/27/18 15:30	09/27/18 20:20
460-165599-10	RX-5_5.0-7.0	Solid	09/27/18 15:45	09/27/18 20:20

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Client Sample ID: Dup-20180927 — Lab Sample ID: 460-165599-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0024	J	0.0063	0.0014	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.013		0.0063	0.0048	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.023	J	0.48	0.0050	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.034	J	0.48	0.0054	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.12		0.048	0.017	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.10		0.048	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.14		0.048	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.098	J	0.48	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.059		0.048	0.0095	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.026	J	0.48	0.0057	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.11	J	0.48	0.0082	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.023	J	0.048	0.021	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.012	J	0.48	0.0068	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.21	J	0.48	0.0063	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.019	J	0.48	0.0066	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.095		0.048	0.019	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.17	J	0.48	0.0085	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.20	J	0.48	0.012	mg/Kg	1	☼	8270D	Total/NA
Aluminum	11500		27.7	9.5	mg/Kg	20	☼	6020B	Total/NA
Arsenic	8.9		1.4	0.44	mg/Kg	20	☼	6020B	Total/NA
Barium	157		2.8	0.92	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.59		0.55	0.22	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.3	J	1.4	0.46	mg/Kg	20	☼	6020B	Total/NA
Calcium	40100		138	41.1	mg/Kg	20	☼	6020B	Total/NA
Chromium	23.7		2.8	0.83	mg/Kg	20	☼	6020B	Total/NA
Cobalt	8.9		2.8	0.83	mg/Kg	20	☼	6020B	Total/NA
Copper	194		2.8	0.79	mg/Kg	20	☼	6020B	Total/NA
Iron	19600		83.0	29.0	mg/Kg	20	☼	6020B	Total/NA
Lead	207		0.83	0.26	mg/Kg	20	☼	6020B	Total/NA
Magnesium	22600		138	38.4	mg/Kg	20	☼	6020B	Total/NA
Manganese	355		5.5	1.7	mg/Kg	20	☼	6020B	Total/NA
Nickel	25.2		2.8	0.90	mg/Kg	20	☼	6020B	Total/NA
Potassium	2000		138	49.8	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.75	J	6.9	0.40	mg/Kg	20	☼	6020B	Total/NA
Sodium	631		138	43.3	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.42	J	0.55	0.17	mg/Kg	20	☼	6020B	Total/NA
Vanadium	35.7		2.8	0.79	mg/Kg	20	☼	6020B	Total/NA
Zinc	718		11.1	5.4	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.76		0.025	0.015	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-3_0.5-2.5 — Lab Sample ID: 460-165599-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0033	J	0.0067	0.0015	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.017		0.0067	0.0051	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.036	J	0.49	0.0062	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.013	J	0.49	0.0051	mg/Kg	1	☼	8270D	Total/NA
Acetophenone	0.011	J	0.49	0.0080	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.014	J	0.49	0.0055	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.072		0.049	0.017	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-3_0.5-2.5 (Continued) — Lab Sample ID: 460-165599-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.061		0.049	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.10		0.049	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.052	J	0.49	0.015	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.034	J	0.049	0.0097	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.084	J	0.49	0.0084	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.12	J	0.49	0.087	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.11	J	0.49	0.0064	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.054		0.049	0.019	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.038	J	0.49	0.0085	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.067	J	0.49	0.0087	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.11	J	0.49	0.012	mg/Kg	1	☼	8270D	Total/NA
Aluminum	7660		26.3	9.0	mg/Kg	20	☼	6020B	Total/NA
Arsenic	7.2		1.3	0.42	mg/Kg	20	☼	6020B	Total/NA
Barium	118		2.6	0.87	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.43	J	0.53	0.21	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.9		1.3	0.44	mg/Kg	20	☼	6020B	Total/NA
Calcium	24300		131	39.0	mg/Kg	20	☼	6020B	Total/NA
Chromium	16.4		2.6	0.79	mg/Kg	20	☼	6020B	Total/NA
Cobalt	7.0		2.6	0.79	mg/Kg	20	☼	6020B	Total/NA
Copper	192		2.6	0.75	mg/Kg	20	☼	6020B	Total/NA
Iron	17100		78.8	27.6	mg/Kg	20	☼	6020B	Total/NA
Lead	175		0.79	0.25	mg/Kg	20	☼	6020B	Total/NA
Magnesium	15000		131	36.5	mg/Kg	20	☼	6020B	Total/NA
Manganese	268		5.3	1.6	mg/Kg	20	☼	6020B	Total/NA
Nickel	20.0		2.6	0.85	mg/Kg	20	☼	6020B	Total/NA
Potassium	1270		131	47.3	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.58	J	6.6	0.38	mg/Kg	20	☼	6020B	Total/NA
Sodium	423		131	41.1	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.33	J	0.53	0.16	mg/Kg	20	☼	6020B	Total/NA
Vanadium	24.9		2.6	0.75	mg/Kg	20	☼	6020B	Total/NA
Zinc	693		10.5	5.1	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.55		0.023	0.014	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-3_8.0-10.0 — Lab Sample ID: 460-165599-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00024	J	0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	0.0049	J	0.0054	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.028		0.0054	0.0041	mg/Kg	1	☼	8260C	Total/NA
Benzene	0.00044	J	0.0011	0.00028	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.0019		0.0011	0.00029	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.00034	J	0.0011	0.00021	mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.00074	J	0.0011	0.00014	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.00033	J B	0.0011	0.00019	mg/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	0.0011		0.0011	0.00019	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00017	J	0.0011	0.00010	mg/Kg	1	☼	8260C	Total/NA
tert-Butylbenzene	0.00043	J	0.0011	0.00013	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00094	J B	0.0011	0.00015	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.00050	J	0.0022	0.00027	mg/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	0.027	J	0.037	0.013	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-3_8.0-10.0 (Continued) — Lab Sample ID: 460-165599-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.015	J	0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.024	J	0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.011	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.0092	J	0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.022	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.031	J	0.37	0.0048	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.020	J	0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.033	J	0.37	0.0093	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8190		21.1	7.2	mg/Kg	20	☼	6020B	Total/NA
Arsenic	1.0	J	1.1	0.34	mg/Kg	20	☼	6020B	Total/NA
Barium	24.1		2.1	0.70	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.24	J	0.42	0.17	mg/Kg	20	☼	6020B	Total/NA
Calcium	182000	B	528	157	mg/Kg	100	☼	6020B	Total/NA
Chromium	10.7		2.1	0.63	mg/Kg	20	☼	6020B	Total/NA
Cobalt	2.3		2.1	0.64	mg/Kg	20	☼	6020B	Total/NA
Copper	7.0		2.1	0.60	mg/Kg	20	☼	6020B	Total/NA
Iron	6690		63.3	22.2	mg/Kg	20	☼	6020B	Total/NA
Lead	23.9		0.63	0.20	mg/Kg	20	☼	6020B	Total/NA
Magnesium	94300		106	29.3	mg/Kg	20	☼	6020B	Total/NA
Manganese	167		4.2	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	6.1		2.1	0.69	mg/Kg	20	☼	6020B	Total/NA
Potassium	2340		106	38.0	mg/Kg	20	☼	6020B	Total/NA
Sodium	1010		106	33.0	mg/Kg	20	☼	6020B	Total/NA
Vanadium	11.5		2.1	0.60	mg/Kg	20	☼	6020B	Total/NA
Zinc	38.2		8.4	4.1	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.036		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-2 — Lab Sample ID: 460-165599-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.2		1.0	0.37	ug/L	1		8260C	Total/NA
1,3,5-Trimethylbenzene	4.0		1.0	0.33	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	14		5.0	1.9	ug/L	1		8260C	Total/NA
Acetone	21		5.0	5.0	ug/L	1		8260C	Total/NA
Benzene	54	*	1.0	0.43	ug/L	1		8260C	Total/NA
Chloroethane	0.97	J	1.0	0.32	ug/L	1		8260C	Total/NA
Cyclohexane	36		1.0	0.32	ug/L	1		8260C	Total/NA
Ethylbenzene	28		1.0	0.30	ug/L	1		8260C	Total/NA
Isopropylbenzene	280		1.0	0.34	ug/L	1		8260C	Total/NA
Methylcyclohexane	72		1.0	0.26	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	7.1		1.0	0.30	ug/L	1		8260C	Total/NA
n-Butylbenzene	45		1.0	0.32	ug/L	1		8260C	Total/NA
N-Propylbenzene	740	E *	1.0	0.32	ug/L	1		8260C	Total/NA
o-Xylene	1.5		1.0	0.36	ug/L	1		8260C	Total/NA
sec-Butylbenzene	28		1.0	0.37	ug/L	1		8260C	Total/NA
tert-Butylbenzene	2.4		1.0	0.34	ug/L	1		8260C	Total/NA
Toluene	5.5		1.0	0.38	ug/L	1		8260C	Total/NA
Xylenes, Total	8.7		2.0	0.65	ug/L	1		8260C	Total/NA
2-Methylnaphthalene	62		10	1.1	ug/L	1		8270D	Total/NA
Naphthalene	90		10	1.1	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-2 (Continued) — Lab Sample ID: 460-165599-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8870		40.0	18.8	ug/L	2		6020B	Total/NA
Antimony	1.3	J	2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	16.1		2.0	0.73	ug/L	2		6020B	Total/NA
Barium	258		4.0	1.2	ug/L	2		6020B	Total/NA
Beryllium	0.86		0.80	0.25	ug/L	2		6020B	Total/NA
Calcium	173000		200	67.6	ug/L	2		6020B	Total/NA
Chromium	23.4		4.0	2.3	ug/L	2		6020B	Total/NA
Cobalt	5.4		4.0	1.6	ug/L	2		6020B	Total/NA
Copper	41.2		4.0	2.0	ug/L	2		6020B	Total/NA
Iron	19400		120	51.1	ug/L	2		6020B	Total/NA
Lead	209		1.2	0.55	ug/L	2		6020B	Total/NA
Magnesium	46900		200	73.7	ug/L	2		6020B	Total/NA
Manganese	726		8.0	2.9	ug/L	2		6020B	Total/NA
Nickel	15.1		4.0	2.4	ug/L	2		6020B	Total/NA
Potassium	28500		200	86.7	ug/L	2		6020B	Total/NA
Sodium	335000		200	128	ug/L	2		6020B	Total/NA
Thallium	0.38	J	0.80	0.16	ug/L	2		6020B	Total/NA
Vanadium	20.8		4.0	1.1	ug/L	2		6020B	Total/NA
Zinc	101		16.0	11.1	ug/L	2		6020B	Total/NA

Client Sample ID: RX-8_0.5-2.5 — Lab Sample ID: 460-165599-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0024	J	0.0054	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.0095		0.0054	0.0041	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.0088	J	0.35	0.0044	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.0084	J	0.35	0.0040	mg/Kg	1	☼	8270D	Total/NA
Benzaldehyde	0.016	J	0.35	0.015	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.052		0.035	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.044		0.035	0.0095	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.065		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.031	J	0.35	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.024	J	0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.063	J	0.35	0.0060	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.088	J	0.35	0.0046	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.031	J	0.035	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.010	J	0.35	0.0061	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.058	J	0.35	0.0062	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.090	J	0.35	0.0088	mg/Kg	1	☼	8270D	Total/NA
Aluminum	7090		19.2	6.6	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.79	J	0.96	0.28	mg/Kg	20	☼	6020B	Total/NA
Arsenic	5.7		0.96	0.31	mg/Kg	20	☼	6020B	Total/NA
Barium	185		1.9	0.64	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.25	J	0.38	0.15	mg/Kg	20	☼	6020B	Total/NA
Cadmium	2.3		0.96	0.32	mg/Kg	20	☼	6020B	Total/NA
Calcium	38400	B	96.0	28.5	mg/Kg	20	☼	6020B	Total/NA
Chromium	14.2		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Cobalt	4.0		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Copper	473		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Iron	17100		57.6	20.2	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-8_0.5-2.5 (Continued) — Lab Sample ID: 460-165599-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	263		0.58	0.18	mg/Kg	20	☼	6020B	Total/NA
Magnesium	14500		96.0	26.7	mg/Kg	20	☼	6020B	Total/NA
Manganese	177		3.8	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	15.0		1.9	0.62	mg/Kg	20	☼	6020B	Total/NA
Potassium	913		96.0	34.6	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.46	J	4.8	0.28	mg/Kg	20	☼	6020B	Total/NA
Sodium	314		96.0	30.0	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.38	0.12	mg/Kg	20	☼	6020B	Total/NA
Vanadium	20.4		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Zinc	898		7.7	3.7	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.22		0.017	0.0099	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-8_8.0-10.0 — Lab Sample ID: 460-165599-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0024	J	0.0051	0.0011	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.014		0.0051	0.0039	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00067	J	0.0010	0.00027	mg/Kg	1	☼	8260C	Total/NA
Aluminum	7380		20.4	7.0	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.6		1.0	0.33	mg/Kg	20	☼	6020B	Total/NA
Barium	48.7		2.0	0.68	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.26	J	0.41	0.16	mg/Kg	20	☼	6020B	Total/NA
Calcium	33600	B	102	30.2	mg/Kg	20	☼	6020B	Total/NA
Chromium	13.2		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Cobalt	6.0		2.0	0.61	mg/Kg	20	☼	6020B	Total/NA
Copper	26.1		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Iron	11600		61.1	21.4	mg/Kg	20	☼	6020B	Total/NA
Lead	30.1		0.61	0.19	mg/Kg	20	☼	6020B	Total/NA
Magnesium	18600		102	28.3	mg/Kg	20	☼	6020B	Total/NA
Manganese	146		4.1	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	12.9		2.0	0.66	mg/Kg	20	☼	6020B	Total/NA
Potassium	1260		102	36.6	mg/Kg	20	☼	6020B	Total/NA
Selenium	0.38	J	5.1	0.30	mg/Kg	20	☼	6020B	Total/NA
Sodium	429		102	31.9	mg/Kg	20	☼	6020B	Total/NA
Vanadium	16.1		2.0	0.58	mg/Kg	20	☼	6020B	Total/NA
Zinc	138		8.1	4.0	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.012	J	0.019	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: FB-20180927 — Lab Sample ID: 460-165599-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.40	J	1.0	0.32	ug/L	1		8260C	Total/NA
Antimony	0.67	J	2.0	0.62	ug/L	2		6020B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 460-165599-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.36	J	1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: RX-5_0.5-2.5 — Lab Sample ID: 460-165599-9

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-5_0.5-2.5 (Continued) — Lab Sample ID: 460-165599-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0023	J	0.0053	0.0012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.018		0.0053	0.0040	mg/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	0.034	J	0.035	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.034	J	0.035	0.0095	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.049		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.044	J	0.35	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.018	J	0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.036	J	0.35	0.019	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.038	J	0.35	0.0060	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.035	J	0.35	0.0046	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.028	J	0.035	0.014	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.015	J	0.35	0.0063	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.048	J	0.35	0.0088	mg/Kg	1	☼	8270D	Total/NA
Aluminum	5610		19.2	6.6	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.7		0.96	0.31	mg/Kg	20	☼	6020B	Total/NA
Barium	60.4		1.9	0.64	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.26	J	0.38	0.15	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.66	J	0.96	0.32	mg/Kg	20	☼	6020B	Total/NA
Calcium	63700	B	96.1	28.5	mg/Kg	20	☼	6020B	Total/NA
Chromium	10.4		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Cobalt	4.2		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Copper	22.7		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Iron	11100		57.6	20.2	mg/Kg	20	☼	6020B	Total/NA
Lead	52.2		0.58	0.18	mg/Kg	20	☼	6020B	Total/NA
Magnesium	23700		96.1	26.7	mg/Kg	20	☼	6020B	Total/NA
Manganese	185		3.8	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	11.6		1.9	0.63	mg/Kg	20	☼	6020B	Total/NA
Potassium	866		96.1	34.6	mg/Kg	20	☼	6020B	Total/NA
Sodium	311		96.1	30.1	mg/Kg	20	☼	6020B	Total/NA
Vanadium	21.1		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Zinc	75.5		7.7	3.7	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.086		0.018	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-5_5.0-7.0 — Lab Sample ID: 460-165599-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0010	B	0.0010	0.00015	mg/Kg	1	☼	8260C	Total/NA
Aluminum	8240		19.7	6.8	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.0		0.99	0.32	mg/Kg	20	☼	6020B	Total/NA
Barium	29.8		2.0	0.65	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.33	J	0.39	0.16	mg/Kg	20	☼	6020B	Total/NA
Calcium	39000		98.6	29.3	mg/Kg	20	☼	6020B	Total/NA
Chromium	11.1		2.0	0.59	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.0		2.0	0.59	mg/Kg	20	☼	6020B	Total/NA
Copper	10.8		2.0	0.56	mg/Kg	20	☼	6020B	Total/NA
Iron	11500		59.2	20.7	mg/Kg	20	☼	6020B	Total/NA
Lead	4.8		0.59	0.19	mg/Kg	20	☼	6020B	Total/NA
Magnesium	27800		98.6	27.4	mg/Kg	20	☼	6020B	Total/NA
Manganese	315		3.9	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	10.9		2.0	0.64	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-5_5.0-7.0 (Continued) — Lab Sample ID: 460-165599-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	913		98.6	35.5	mg/Kg	20	☼	6020B	Total/NA
Sodium	1050		98.6	30.9	mg/Kg	20	☼	6020B	Total/NA
Vanadium	14.3		2.0	0.56	mg/Kg	20	☼	6020B	Total/NA
Zinc	33.9		7.9	3.8	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Client Sample ID: Dup-20180927

Date Collected: 09/27/18 00:00
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-1

Matrix: Solid
Percent Solids: 68.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00022	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00018	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00014	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00020	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
1,4-Dioxane	0.025	U	0.025	0.012	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
2-Butanone (MEK)	**0.0024**	**J**	0.0063	0.0014	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
2-Hexanone	0.0063	U	0.0063	0.00098	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.00083	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Acetone	**0.013**		0.0063	0.0048	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Benzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Bromomethane	0.0013	U	0.0013	0.00059	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Carbon tetrachloride	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chlorobenzene	0.0013	U	0.0013	0.00022	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chlorodibromomethane	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chloroform	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Ethylbenzene	0.0013	U	0.0013	0.00025	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Ethylene Dibromide	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Isopropylbenzene	0.0013	U	0.0013	0.00016	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00016	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Methylcyclohexane	0.0013	U	0.0013	0.00020	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Methylene Chloride	0.0013	U	0.0013	0.00020	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00022	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
n-Butylbenzene	0.0013	U	0.0013	0.00018	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
N-Propylbenzene	0.0013	U	0.0013	0.00022	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
o-Xylene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
sec-Butylbenzene	0.0013	U	0.0013	0.00011	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1

Client Sample ID: Dup-20180927

Date Collected: 09/27/18 00:00
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-1

Matrix: Solid
Percent Solids: 68.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0013	U	0.0013	0.00015	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
tert-Butylbenzene	0.0013	U	0.0013	0.00016	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Tetrachloroethene	0.0013	U	0.0013	0.00018	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Toluene	0.0013	U	0.0013	0.00078	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Trichloroethene	0.0013	U	0.0013	0.00018	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1
Xylenes, Total	0.0025	U	0.0025	0.00032	mg/Kg	☼	09/28/18 13:26	09/29/18 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*78 - 135*	*09/28/18 13:26*	*09/29/18 23:19*	*1*
4-Bromofluorobenzene	*101*		*67 - 126*	*09/28/18 13:26*	*09/29/18 23:19*	*1*
Dibromofluoromethane (Surr)	*102*		*61 - 149*	*09/28/18 13:26*	*09/29/18 23:19*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*09/28/18 13:26*	*09/29/18 23:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.48	U	0.48	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
1,2,4,5-Tetrachlorobenzene	0.48	U	0.48	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,2'-oxybis[1-chloropropane]	0.48	U	0.48	0.0088	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,3,4,6-Tetrachlorophenol	0.48	U	0.48	0.033	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4,5-Trichlorophenol	0.48	U	0.48	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4,6-Trichlorophenol	0.19	U	0.19	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4-Dichlorophenol	0.19	U	0.19	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4-Dimethylphenol	0.48	U	0.48	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4-Dinitrophenol	0.39	U	0.39	0.24	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,4-Dinitrotoluene	0.098	U	0.098	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2,6-Dinitrotoluene	0.098	U	0.098	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Chloronaphthalene	0.48	U	0.48	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Chlorophenol	0.48	U	0.48	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Methylnaphthalene	0.48	U	0.48	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Methylphenol	0.48	U	0.48	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Nitroaniline	0.48	U	0.48	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
2-Nitrophenol	0.48	U	0.48	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
3 & 4 Methylphenol	0.48	U	0.48	0.0083	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
3,3'-Dichlorobenzidine	0.19	U	0.19	0.073	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
3-Nitroaniline	0.48	U	0.48	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4,6-Dinitro-2-methylphenol	0.39	U	0.39	0.079	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Bromophenyl phenyl ether	0.48	U	0.48	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Chloro-3-methylphenol	0.48	U	0.48	0.0081	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Chloroaniline	0.48	U	0.48	0.034	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Chlorophenyl phenyl ether	0.48	U	0.48	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Methylphenol	0.48	U	0.48	0.0083	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Nitroaniline	0.48	U	0.48	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
4-Nitrophenol	0.98	U	0.98	0.079	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Acenaphthene	0.48	U	0.48	0.035	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Acenaphthylene	**0.023**	**J**	0.48	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Acetophenone	0.48	U	0.48	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1

Client Sample ID: Dup-20180927

Date Collected: 09/27/18 00:00
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-1

Matrix: Solid
Percent Solids: 68.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.034**	**J**	0.48	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Atrazine	0.19	U	0.19	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzaldehyde	0.48	U	0.48	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzo[a]anthracene	**0.12**		0.048	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzo[a]pyrene	**0.10**		0.048	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzo[b]fluoranthene	**0.14**		0.048	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzo[g,h,i]perylene	**0.098**	**J**	0.48	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Benzo[k]fluoranthene	**0.059**		0.048	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Bis(2-chloroethoxy)methane	0.48	U	0.48	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Bis(2-chloroethyl)ether	0.048	U *	0.048	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Bis(2-ethylhexyl) phthalate	0.48	U	0.48	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Butyl benzyl phthalate	0.48	U	0.48	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Caprolactam	0.48	U	0.48	0.029	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Carbazole	**0.026**	**J**	0.48	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Chrysene	**0.11**	**J**	0.48	0.0082	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Dibenz(a,h)anthracene	**0.023**	**J**	0.048	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Dibenzofuran	**0.012**	**J**	0.48	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Diethyl phthalate	0.48	U	0.48	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Dimethyl phthalate	0.48	U	0.48	0.0058	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Di-n-butyl phthalate	0.48	U	0.48	0.085	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Di-n-octyl phthalate	0.48	U	0.48	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Fluoranthene	**0.21**	**J**	0.48	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Fluorene	**0.019**	**J**	0.48	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Hexachlorobenzene	0.048	U	0.048	0.0071	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Hexachlorobutadiene	0.098	U	0.098	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Hexachlorocyclopentadiene	0.48	U	0.48	0.043	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Hexachloroethane	0.048	U *	0.048	0.0075	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Indeno[1,2,3-cd]pyrene	**0.095**		0.048	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Isophorone	0.19	U	0.19	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Naphthalene	0.48	U	0.48	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Nitrobenzene	0.048	U *	0.048	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
N-Nitrosodi-n-propylamine	0.048	U	0.048	0.0077	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
N-Nitrosodiphenylamine	0.48	U	0.48	0.0093	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Pentachlorophenol	0.39	U	0.39	0.099	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Phenanthrene	**0.17**	**J**	0.48	0.0085	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Phenol	0.48	U	0.48	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1
Pyrene	**0.20**	**J**	0.48	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*40*		*10 - 103*	*09/29/18 16:09*	*09/30/18 19:14*	*1*
2-Fluorobiphenyl	*45*		*38 - 95*	*09/29/18 16:09*	*09/30/18 19:14*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 92*	*09/29/18 16:09*	*09/30/18 19:14*	*1*
Nitrobenzene-d5 (Surr)	*48*		*37 - 94*	*09/29/18 16:09*	*09/30/18 19:14*	*1*
Phenol-d5 (Surr)	*60*		*32 - 91*	*09/29/18 16:09*	*09/30/18 19:14*	*1*
Terphenyl-d14 (Surr)	*49*		*24 - 109*	*09/29/18 16:09*	*09/30/18 19:14*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11500**		27.7	9.5	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Antimony	1.4	U	1.4	0.41	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20

Client Sample ID: Dup-20180927

Lab Sample ID: 460-165599-1

Date Collected: 09/27/18 00:00
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 68.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		1.4	0.44	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Barium	157		2.8	0.92	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Beryllium	0.59		0.55	0.22	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Cadmium	1.3	J	1.4	0.46	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Calcium	40100		138	41.1	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Chromium	23.7		2.8	0.83	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Cobalt	8.9		2.8	0.83	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Copper	194		2.8	0.79	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Iron	19600		83.0	29.0	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Lead	207		0.83	0.26	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Magnesium	22600		138	38.4	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Manganese	355		5.5	1.7	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Nickel	25.2		2.8	0.90	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Potassium	2000		138	49.8	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Selenium	0.75	J	6.9	0.40	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Silver	1.4	U	1.4	0.85	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Sodium	631		138	43.3	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Thallium	0.42	J	0.55	0.17	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Vanadium	35.7		2.8	0.79	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20
Zinc	718		11.1	5.4	mg/Kg	☼	10/02/18 17:16	10/03/18 02:16	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.76		0.025	0.015	mg/Kg	☼	10/03/18 03:58	10/03/18 09:08	1

Client Sample ID: RX-3_0.5-2.5

Lab Sample ID: 460-165599-2

Date Collected: 09/27/18 11:45
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 66.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00015	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00021	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
1,4-Dioxane	0.027	U	0.027	0.012	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
2-Butanone (MEK)	0.0033	J	0.0067	0.0015	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
2-Hexanone	0.0067	U	0.0067	0.0010	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1

Client Sample ID: RX-3_0.5-2.5

Date Collected: 09/27/18 11:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-2

Matrix: Solid
Percent Solids: 66.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.00089	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Acetone	**0.017**		0.0067	0.0051	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Benzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Bromomethane	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Carbon tetrachloride	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chlorobromomethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chlorodibromomethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chloroform	0.0013	U	0.0013	0.00043	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00020	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Ethylbenzene	0.0013	U	0.0013	0.00027	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Ethylene Dibromide	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Isopropylbenzene	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Methylcyclohexane	0.0013	U	0.0013	0.00021	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Methylene Chloride	0.0013	U	0.0013	0.00022	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
n-Butylbenzene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
N-Propylbenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
o-Xylene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
sec-Butylbenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Styrene	0.0013	U	0.0013	0.00016	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
tert-Butylbenzene	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Tetrachloroethene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Toluene	0.0013	U	0.0013	0.00084	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Trichloroethene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1
Xylenes, Total	0.0027	U	0.0027	0.00034	mg/Kg	☼	09/28/18 13:27	09/29/18 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*78 - 135*	*09/28/18 13:27*	*09/29/18 23:43*	*1*
4-Bromofluorobenzene	*101*		*67 - 126*	*09/28/18 13:27*	*09/29/18 23:43*	*1*
Dibromofluoromethane (Surr)	*101*		*61 - 149*	*09/28/18 13:27*	*09/29/18 23:43*	*1*
Toluene-d8 (Surr)	*100*		*73 - 121*	*09/28/18 13:27*	*09/29/18 23:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.49	U	0.49	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1

Client Sample ID: RX-3_0.5-2.5

Date Collected: 09/27/18 11:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-2

Matrix: Solid
Percent Solids: 66.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.49	U	0.49	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,2'-oxybis[1-chloropropane]	0.49	U	0.49	0.0089	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,3,4,6-Tetrachlorophenol	0.49	U	0.49	0.034	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4,5-Trichlorophenol	0.49	U	0.49	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4,6-Trichlorophenol	0.20	U	0.20	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4-Dichlorophenol	0.20	U	0.20	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4-Dimethylphenol	0.49	U	0.49	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4-Dinitrophenol	0.40	U	0.40	0.24	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,4-Dinitrotoluene	0.10	U	0.10	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2,6-Dinitrotoluene	0.10	U	0.10	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Chloronaphthalene	0.49	U	0.49	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Chlorophenol	0.49	U	0.49	0.0069	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Methylnaphthalene	**0.036**	**J**	0.49	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Methylphenol	0.49	U	0.49	0.0080	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Nitroaniline	0.49	U	0.49	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
2-Nitrophenol	0.49	U	0.49	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
3 & 4 Methylphenol	0.49	U	0.49	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
3,3'-Dichlorobenzidine	0.20	U	0.20	0.075	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
3-Nitroaniline	0.49	U	0.49	0.027	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4,6-Dinitro-2-methylphenol	0.40	U	0.40	0.080	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Bromophenyl phenyl ether	0.49	U	0.49	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Chloro-3-methylphenol	0.49	U	0.49	0.0082	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Chloroaniline	0.49	U	0.49	0.035	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Chlorophenyl phenyl ether	0.49	U	0.49	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Methylphenol	0.49	U	0.49	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Nitroaniline	0.49	U	0.49	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
4-Nitrophenol	1.0	U	1.0	0.081	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Acenaphthene	0.49	U	0.49	0.036	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Acenaphthylene	**0.013**	**J**	0.49	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Acetophenone	**0.011**	**J**	0.49	0.0080	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Anthracene	**0.014**	**J**	0.49	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Atrazine	0.20	U	0.20	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzaldehyde	0.49	U	0.49	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzo[a]anthracene	**0.072**		0.049	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzo[a]pyrene	**0.061**		0.049	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzo[b]fluoranthene	**0.10**		0.049	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzo[g,h,i]perylene	**0.052**	**J**	0.49	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Benzo[k]fluoranthene	**0.034**	**J**	0.049	0.0097	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Bis(2-chloroethoxy)methane	0.49	U	0.49	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Bis(2-chloroethyl)ether	0.049	U *	0.049	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Bis(2-ethylhexyl) phthalate	0.49	U	0.49	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Butyl benzyl phthalate	0.49	U	0.49	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Caprolactam	0.49	U	0.49	0.030	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Carbazole	0.49	U	0.49	0.0058	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Chrysene	**0.084**	**J**	0.49	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Dibenz(a,h)anthracene	0.049	U	0.049	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Dibenzofuran	0.49	U	0.49	0.0069	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Diethyl phthalate	0.49	U	0.49	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Dimethyl phthalate	0.49	U	0.49	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1

Client Sample ID: RX-3_0.5-2.5

Date Collected: 09/27/18 11:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-2

Matrix: Solid
Percent Solids: 66.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**0.12**	**J**	0.49	0.087	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Di-n-octyl phthalate	0.49	U	0.49	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Fluoranthene	**0.11**	**J**	0.49	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Fluorene	0.49	U	0.49	0.0067	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Hexachlorobenzene	0.049	U	0.049	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Hexachlorobutadiene	0.10	U	0.10	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Hexachlorocyclopentadiene	0.49	U	0.49	0.043	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Hexachloroethane	0.049	U *	0.049	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Indeno[1,2,3-cd]pyrene	**0.054**		0.049	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Isophorone	0.20	U	0.20	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Naphthalene	**0.038**	**J**	0.49	0.0085	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Nitrobenzene	0.049	U *	0.049	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
N-Nitrosodi-n-propylamine	0.049	U	0.049	0.0079	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
N-Nitrosodiphenylamine	0.49	U	0.49	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Pentachlorophenol	0.40	U	0.40	0.10	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Phenanthrene	**0.067**	**J**	0.49	0.0087	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Phenol	0.49	U	0.49	0.0073	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1
Pyrene	**0.11**	**J**	0.49	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 103*	*09/29/18 16:09*	*09/30/18 19:38*	*1*
2-Fluorobiphenyl	*44*		*38 - 95*	*09/29/18 16:09*	*09/30/18 19:38*	*1*
2-Fluorophenol (Surr)	*72*		*25 - 92*	*09/29/18 16:09*	*09/30/18 19:38*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 94*	*09/29/18 16:09*	*09/30/18 19:38*	*1*
Phenol-d5 (Surr)	*75*		*32 - 91*	*09/29/18 16:09*	*09/30/18 19:38*	*1*
Terphenyl-d14 (Surr)	*43*		*24 - 109*	*09/29/18 16:09*	*09/30/18 19:38*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7660**		26.3	9.0	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Antimony	1.3	U	1.3	0.38	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Arsenic	**7.2**		1.3	0.42	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Barium	**118**		2.6	0.87	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Beryllium	**0.43**	**J**	0.53	0.21	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Cadmium	**1.9**		1.3	0.44	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Calcium	**24300**		131	39.0	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Chromium	**16.4**		2.6	0.79	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Cobalt	**7.0**		2.6	0.79	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Copper	**192**		2.6	0.75	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Iron	**17100**		78.8	27.6	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Lead	**175**		0.79	0.25	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Magnesium	**15000**		131	36.5	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Manganese	**268**		5.3	1.6	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Nickel	**20.0**		2.6	0.85	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Potassium	**1270**		131	47.3	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Selenium	**0.58**	**J**	6.6	0.38	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Silver	1.3	U	1.3	0.81	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Sodium	**423**		131	41.1	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Thallium	**0.33**	**J**	0.53	0.16	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20
Vanadium	**24.9**		2.6	0.75	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20

Client Sample ID: RX-3_0.5-2.5

Lab Sample ID: 460-165599-2

Date Collected: 09/27/18 11:45
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 66.8

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**693**		10.5	5.1	mg/Kg	☼	10/02/18 17:17	10/03/18 02:21	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.55**		0.023	0.014	mg/Kg	☼	10/03/18 03:58	10/03/18 09:10	1

Client Sample ID: RX-3_8.0-10.0

Lab Sample ID: 460-165599-3

Date Collected: 09/27/18 11:30
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000099	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2,4-Trimethylbenzene	**0.00024**	**J**	0.0011	0.00010	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00012	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
1,4-Dioxane	0.022	U	0.022	0.0099	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
2-Butanone (MEK)	**0.0049**	**J**	0.0054	0.0012	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
2-Hexanone	0.0054	U	0.0054	0.00084	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.00071	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Acetone	**0.028**		0.0054	0.0041	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Benzene	**0.00044**	**J**	0.0011	0.00028	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Bromomethane	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Carbon disulfide	**0.0019**		0.0011	0.00029	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Carbon tetrachloride	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Ethylbenzene	**0.00034**	**J**	0.0011	0.00021	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1

Client Sample ID: RX-3_8.0-10.0

Date Collected: 09/27/18 11:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-3

Matrix: Solid
Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Isopropylbenzene	**0.00074**	**J**	0.0011	0.00014	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Methylene Chloride	0.0011	U	0.0011	0.00018	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
m-Xylene & p-Xylene	**0.00033**	**J B**	0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
n-Butylbenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
N-Propylbenzene	**0.0011**		0.0011	0.00019	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
o-Xylene	**0.00017**	**J**	0.0011	0.00010	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
sec-Butylbenzene	0.0011	U	0.0011	0.000095	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
tert-Butylbenzene	**0.00043**	**J**	0.0011	0.00013	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Tetrachloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Toluene	0.0011	U	0.0011	0.00067	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Trichloroethene	**0.00094**	**J B**	0.0011	0.00015	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1
Xylenes, Total	**0.00050**	**J**	0.0022	0.00027	mg/Kg	☼	09/28/18 13:28	10/03/18 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 135*	*09/28/18 13:28*	*10/03/18 12:12*	*1*
4-Bromofluorobenzene	*97*		*67 - 126*	*09/28/18 13:28*	*10/03/18 12:12*	*1*
Dibromofluoromethane (Surr)	*99*		*61 - 149*	*09/28/18 13:28*	*10/03/18 12:12*	*1*
Toluene-d8 (Surr)	*92*		*73 - 121*	*09/28/18 13:28*	*10/03/18 12:12*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0049	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4-Dichlorophenol	0.15	U	0.15	0.0079	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,4-Dinitrotoluene	0.075	U	0.075	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2,6-Dinitrotoluene	0.075	U	0.075	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Chlorophenol	0.37	U	0.37	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Methylnaphthalene	0.37	U	0.37	0.0047	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Methylphenol	0.37	U	0.37	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
2-Nitrophenol	0.37	U	0.37	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
3 & 4 Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
3-Nitroaniline	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1

Client Sample ID: RX-3_8.0-10.0

Date Collected: 09/27/18 11:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-3

Matrix: Solid
Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.060	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Chloroaniline	0.37	U	0.37	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Acenaphthene	0.37	U	0.37	0.027	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Acenaphthylene	0.37	U	0.37	0.0039	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Acetophenone	0.37	U	0.37	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Anthracene	0.37	U	0.37	0.0042	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Atrazine	0.15	U	0.15	0.0094	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzo[a]anthracene	**0.027**	**J**	0.037	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzo[a]pyrene	**0.015**	**J**	0.037	0.0099	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzo[b]fluoranthene	**0.024**	**J**	0.037	0.0096	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzo[g,h,i]perylene	**0.011**	**J**	0.37	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Benzo[k]fluoranthene	**0.0092**	**J**	0.037	0.0073	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Bis(2-chloroethyl)ether	0.037	U *	0.037	0.0045	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Caprolactam	0.37	U	0.37	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Carbazole	0.37	U	0.37	0.0044	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Chrysene	**0.022**	**J**	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Dibenzofuran	0.37	U	0.37	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Dimethyl phthalate	0.37	U	0.37	0.0045	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Di-n-butyl phthalate	0.37	U	0.37	0.066	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Fluoranthene	**0.031**	**J**	0.37	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Fluorene	0.37	U	0.37	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Hexachlorobenzene	0.037	U	0.037	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Hexachloroethane	0.037	U *	0.037	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Isophorone	0.15	U	0.15	0.0098	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Nitrobenzene	0.037	U *	0.037	0.0089	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0071	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Phenanthrene	**0.020**	**J**	0.37	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Phenol	0.37	U	0.37	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1
Pyrene	**0.033**	**J**	0.37	0.0093	mg/Kg	☼	09/29/18 16:09	09/30/18 15:39	1

Client Sample ID: RX-3_8.0-10.0

Lab Sample ID: 460-165599-3

Date Collected: 09/27/18 11:30
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 88.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 103*	*09/29/18 16:09*	*09/30/18 15:39*	*1*
2-Fluorobiphenyl	*53*		*38 - 95*	*09/29/18 16:09*	*09/30/18 15:39*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 92*	*09/29/18 16:09*	*09/30/18 15:39*	*1*
Nitrobenzene-d5 (Surr)	*57*		*37 - 94*	*09/29/18 16:09*	*09/30/18 15:39*	*1*
Phenol-d5 (Surr)	*60*		*32 - 91*	*09/29/18 16:09*	*09/30/18 15:39*	*1*
Terphenyl-d14 (Surr)	*56*		*24 - 109*	*09/29/18 16:09*	*09/30/18 15:39*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8190**		21.1	7.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Antimony	1.1	U	1.1	0.31	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Arsenic	**1.0**	**J**	1.1	0.34	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Barium	**24.1**		2.1	0.70	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Beryllium	**0.24**	**J**	0.42	0.17	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Cadmium	1.1	U	1.1	0.35	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Calcium	**182000**	**B**	528	157	mg/Kg	☼	10/02/18 19:02	10/03/18 12:07	100
Chromium	**10.7**		2.1	0.63	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Cobalt	**2.3**		2.1	0.64	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Copper	**7.0**		2.1	0.60	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Iron	**6690**		63.3	22.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Lead	**23.9**		0.63	0.20	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Magnesium	**94300**		106	29.3	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Manganese	**167**		4.2	1.3	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Nickel	**6.1**		2.1	0.69	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Potassium	**2340**		106	38.0	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Selenium	5.3	U	5.3	0.31	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Silver	1.1	U	1.1	0.65	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Sodium	**1010**		106	33.0	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Thallium	0.42	U	0.42	0.13	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Vanadium	**11.5**		2.1	0.60	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20
Zinc	**38.2**		8.4	4.1	mg/Kg	☼	10/02/18 19:02	10/03/18 11:35	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**		0.019	0.011	mg/Kg	☼	10/03/18 03:58	10/03/18 09:15	1

Client Sample ID: RX-2

Lab Sample ID: 460-165599-4

Date Collected: 09/27/18 12:30
Date Received: 09/27/18 20:20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/02/18 05:21	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.37	ug/L			10/02/18 05:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/02/18 05:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 05:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/02/18 05:21	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/02/18 05:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/02/18 05:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/02/18 05:21	1
1,2,4-Trimethylbenzene	**1.2**		1.0	0.37	ug/L			10/02/18 05:21	1

Client Sample ID: RX-2

Date Collected: 09/27/18 12:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/02/18 05:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/02/18 05:21	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 05:21	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/02/18 05:21	1
1,3,5-Trimethylbenzene	**4.0**		1.0	0.33	ug/L			10/02/18 05:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/02/18 05:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/02/18 05:21	1
1,4-Dioxane	50	U	50	28	ug/L			10/02/18 05:21	1
2-Butanone (MEK)	**14**		5.0	1.9	ug/L			10/02/18 05:21	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/02/18 05:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/02/18 05:21	1
Acetone	**21**		5.0	5.0	ug/L			10/02/18 05:21	1
Benzene	**54**	*	1.0	0.43	ug/L			10/02/18 05:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/02/18 05:21	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/02/18 05:21	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/02/18 05:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/02/18 05:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/02/18 05:21	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/02/18 05:21	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/02/18 05:21	1
Chloroethane	**0.97**	**J**	1.0	0.32	ug/L			10/02/18 05:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/02/18 05:21	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/02/18 05:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/02/18 05:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/02/18 05:21	1
Cyclohexane	**36**		1.0	0.32	ug/L			10/02/18 05:21	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/02/18 05:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/02/18 05:21	1
Ethylbenzene	**28**		1.0	0.30	ug/L			10/02/18 05:21	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/02/18 05:21	1
Isopropylbenzene	**280**		1.0	0.34	ug/L			10/02/18 05:21	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/02/18 05:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/02/18 05:21	1
Methylcyclohexane	**72**		1.0	0.26	ug/L			10/02/18 05:21	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/02/18 05:21	1
m-Xylene & p-Xylene	**7.1**		1.0	0.30	ug/L			10/02/18 05:21	1
n-Butylbenzene	**45**		1.0	0.32	ug/L			10/02/18 05:21	1
N-Propylbenzene	**740**	**E ***	1.0	0.32	ug/L			10/02/18 05:21	1
o-Xylene	**1.5**		1.0	0.36	ug/L			10/02/18 05:21	1
sec-Butylbenzene	**28**		1.0	0.37	ug/L			10/02/18 05:21	1
Styrene	1.0	U	1.0	0.42	ug/L			10/02/18 05:21	1
tert-Butylbenzene	**2.4**		1.0	0.34	ug/L			10/02/18 05:21	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/02/18 05:21	1
Toluene	**5.5**		1.0	0.38	ug/L			10/02/18 05:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/02/18 05:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/02/18 05:21	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/02/18 05:21	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/02/18 05:21	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/02/18 05:21	1

Client Sample ID: RX-2

Date Collected: 09/27/18 12:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**8.7**		2.0	0.65	ug/L			10/02/18 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*74 - 132*		*10/02/18 05:21*	*1*
4-Bromofluorobenzene	*102*		*77 - 124*		*10/02/18 05:21*	*1*
Dibromofluoromethane (Surr)	*92*		*72 - 131*		*10/02/18 05:21*	*1*
Toluene-d8 (Surr)	*115*		*80 - 120*		*10/02/18 05:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 06:47	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4-Dichlorophenol	10	U *	10	0.42	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/28/18 16:36	09/29/18 06:47	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Methylnaphthalene	**62**		10	1.1	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Methylphenol	10	U	10	0.26	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/28/18 16:36	09/29/18 06:47	1
2-Nitrophenol	10	U *	10	0.75	ug/L		09/28/18 16:36	09/29/18 06:47	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 06:47	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/28/18 16:36	09/29/18 06:47	1
3-Nitroaniline	10	U	10	0.96	ug/L		09/28/18 16:36	09/29/18 06:47	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Methylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/28/18 16:36	09/29/18 06:47	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/28/18 16:36	09/29/18 06:47	1
Acenaphthene	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 06:47	1
Acenaphthylene	10	U *	10	0.82	ug/L		09/28/18 16:36	09/29/18 06:47	1
Acetophenone	10	U	10	0.79	ug/L		09/28/18 16:36	09/29/18 06:47	1
Anthracene	10	U	10	0.63	ug/L		09/28/18 16:36	09/29/18 06:47	1
Atrazine	2.0	U *	2.0	1.3	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzaldehyde	10	U	10	0.59	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		09/28/18 16:36	09/29/18 06:47	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/28/18 16:36	09/29/18 06:47	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 06:47	1

Client Sample ID: RX-2

Date Collected: 09/27/18 12:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/28/18 16:36	09/29/18 06:47	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/28/18 16:36	09/29/18 06:47	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/28/18 16:36	09/29/18 06:47	1
Caprolactam	10	U *	10	0.68	ug/L		09/28/18 16:36	09/29/18 06:47	1
Carbazole	10	U	10	0.68	ug/L		09/28/18 16:36	09/29/18 06:47	1
Chrysene	2.0	U	2.0	0.91	ug/L		09/28/18 16:36	09/29/18 06:47	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/28/18 16:36	09/29/18 06:47	1
Dibenzofuran	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 06:47	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/28/18 16:36	09/29/18 06:47	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/28/18 16:36	09/29/18 06:47	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/28/18 16:36	09/29/18 06:47	1
Di-n-octyl phthalate	10	U *	10	4.8	ug/L		09/28/18 16:36	09/29/18 06:47	1
Fluoranthene	10	U	10	0.84	ug/L		09/28/18 16:36	09/29/18 06:47	1
Fluorene	10	U	10	0.91	ug/L		09/28/18 16:36	09/29/18 06:47	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/28/18 16:36	09/29/18 06:47	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		09/28/18 16:36	09/29/18 06:47	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		09/28/18 16:36	09/29/18 06:47	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/28/18 16:36	09/29/18 06:47	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		09/28/18 16:36	09/29/18 06:47	1
Isophorone	10	U *	10	0.80	ug/L		09/28/18 16:36	09/29/18 06:47	1
Naphthalene	**90**		10	1.1	ug/L		09/28/18 16:36	09/29/18 06:47	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/28/18 16:36	09/29/18 06:47	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/28/18 16:36	09/29/18 06:47	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/28/18 16:36	09/29/18 06:47	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/28/18 16:36	09/29/18 06:47	1
Phenanthrene	10	U	10	0.58	ug/L		09/28/18 16:36	09/29/18 06:47	1
Phenol	10	U *	10	0.29	ug/L		09/28/18 16:36	09/29/18 06:47	1
Pyrene	10	U	10	1.6	ug/L		09/28/18 16:36	09/29/18 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*26 - 139*	*09/28/18 16:36*	*09/29/18 06:47*	*1*
2-Fluorobiphenyl	*76*		*45 - 107*	*09/28/18 16:36*	*09/29/18 06:47*	*1*
2-Fluorophenol (Surr)	*51*		*25 - 58*	*09/28/18 16:36*	*09/29/18 06:47*	*1*
Nitrobenzene-d5 (Surr)	*106*		*51 - 108*	*09/28/18 16:36*	*09/29/18 06:47*	*1*
Phenol-d5 (Surr)	*32*		*14 - 39*	*09/28/18 16:36*	*09/29/18 06:47*	*1*
Terphenyl-d14 (Surr)	*62*		*40 - 148*	*09/28/18 16:36*	*09/29/18 06:47*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8870**		40.0	18.8	ug/L		09/29/18 22:15	09/30/18 21:32	2
Antimony	**1.3**	**J**	2.0	0.62	ug/L		09/29/18 22:15	09/30/18 21:32	2
Arsenic	**16.1**		2.0	0.73	ug/L		09/29/18 22:15	09/30/18 21:32	2
Barium	**258**		4.0	1.2	ug/L		09/29/18 22:15	09/30/18 21:32	2
Beryllium	**0.86**		0.80	0.25	ug/L		09/29/18 22:15	09/30/18 21:32	2
Cadmium	2.0	U	2.0	0.81	ug/L		09/29/18 22:15	09/30/18 21:32	2
Calcium	**173000**		200	67.6	ug/L		09/29/18 22:15	09/30/18 21:32	2
Chromium	**23.4**		4.0	2.3	ug/L		09/29/18 22:15	09/30/18 21:32	2
Cobalt	**5.4**		4.0	1.6	ug/L		09/29/18 22:15	09/30/18 21:32	2
Copper	**41.2**		4.0	2.0	ug/L		09/29/18 22:15	09/30/18 21:32	2
Iron	**19400**		120	51.1	ug/L		09/29/18 22:15	09/30/18 21:32	2

Client Sample ID: RX-2

Lab Sample ID: 460-165599-4

Date Collected: 09/27/18 12:30
Matrix: Water
Date Received: 09/27/18 20:20

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**209**		1.2	0.55	ug/L		09/29/18 22:15	09/30/18 21:32	2
Magnesium	**46900**		200	73.7	ug/L		09/29/18 22:15	10/01/18 13:42	2
Manganese	**726**		8.0	2.9	ug/L		09/29/18 22:15	09/30/18 21:32	2
Nickel	**15.1**		4.0	2.4	ug/L		09/29/18 22:15	09/30/18 21:32	2
Potassium	**28500**		200	86.7	ug/L		09/29/18 22:15	09/30/18 21:32	2
Selenium	10.0	U	10.0	5.4	ug/L		09/29/18 22:15	09/30/18 21:32	2
Silver	2.0	U	2.0	0.59	ug/L		09/29/18 22:15	09/30/18 21:32	2
Sodium	**335000**		200	128	ug/L		09/29/18 22:15	09/30/18 21:32	2
Thallium	**0.38**	**J**	0.80	0.16	ug/L		09/29/18 22:15	09/30/18 21:32	2
Vanadium	**20.8**		4.0	1.1	ug/L		09/29/18 22:15	09/30/18 21:32	2
Zinc	**101**		16.0	11.1	ug/L		09/29/18 22:15	09/30/18 21:32	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/02/18 11:50	10/02/18 14:21	1

Client Sample ID: RX-8_0.5-2.5

Lab Sample ID: 460-165599-5

Date Collected: 09/27/18 13:15
Matrix: Solid
Date Received: 09/27/18 20:20
Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000099	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00010	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00016	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00012	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
1,4-Dioxane	0.022	U	0.022	0.0099	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
2-Butanone (MEK)	**0.0024**	**J**	0.0054	0.0012	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
2-Hexanone	0.0054	U	0.0054	0.00084	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.00072	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Acetone	**0.0095**		0.0054	0.0041	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Benzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Bromomethane	0.0011	U	0.0011	0.00051	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Carbon tetrachloride	0.0011	U	0.0011	0.00020	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1

Client Sample ID: RX-8_0.5-2.5

Date Collected: 09/27/18 13:15
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-5

Matrix: Solid
Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00014	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00014	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Methylene Chloride	0.0011	U	0.0011	0.00018	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
n-Butylbenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
N-Propylbenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
o-Xylene	0.0011	U	0.0011	0.00010	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
sec-Butylbenzene	0.0011	U	0.0011	0.000095	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
tert-Butylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Tetrachloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Toluene	0.0011	U	0.0011	0.00068	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Trichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1
Xylenes, Total	0.0022	U	0.0022	0.00027	mg/Kg	☼	09/28/18 13:29	09/30/18 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*78 - 135*	*09/28/18 13:29*	*09/30/18 00:08*	*1*
4-Bromofluorobenzene	*102*		*67 - 126*	*09/28/18 13:29*	*09/30/18 00:08*	*1*
Dibromofluoromethane (Surr)	*102*		*61 - 149*	*09/28/18 13:29*	*09/30/18 00:08*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*09/28/18 13:29*	*09/30/18 00:08*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0047	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4-Dichlorophenol	0.14	U	0.14	0.0075	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4-Dimethylphenol	0.35	U	0.35	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2,4-Dinitrotoluene	0.072	U	0.072	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1

Client Sample ID: RX-8_0.5-2.5

Date Collected: 09/27/18 13:15
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-5

Matrix: Solid
Percent Solids: 93.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Chlorophenol	0.35	U	0.35	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Methylnaphthalene	**0.0088**	**J**	0.35	0.0044	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Methylphenol	0.35	U	0.35	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
2-Nitrophenol	0.35	U	0.35	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
3 & 4 Methylphenol	0.35	U	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
3-Nitroaniline	0.35	U	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.058	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Chloroaniline	0.35	U	0.35	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Methylphenol	0.35	U	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Acenaphthene	0.35	U	0.35	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Acenaphthylene	0.35	U	0.35	0.0037	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Acetophenone	0.35	U	0.35	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Anthracene	**0.0084**	**J**	0.35	0.0040	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Atrazine	0.14	U	0.14	0.0090	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzaldehyde	**0.016**	**J**	0.35	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzo[a]anthracene	**0.052**		0.035	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzo[a]pyrene	**0.044**		0.035	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzo[b]fluoranthene	**0.065**		0.035	0.0092	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzo[g,h,i]perylene	**0.031**	**J**	0.35	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Benzo[k]fluoranthene	**0.024**	**J**	0.035	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Bis(2-chloroethyl)ether	0.035	U *	0.035	0.0043	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Caprolactam	0.35	U	0.35	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Carbazole	0.35	U	0.35	0.0042	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Chrysene	**0.063**	**J**	0.35	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Dibenzofuran	0.35	U	0.35	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Diethyl phthalate	0.35	U	0.35	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Dimethyl phthalate	0.35	U	0.35	0.0043	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Di-n-butyl phthalate	0.35	U	0.35	0.063	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Fluoranthene	**0.088**	**J**	0.35	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Fluorene	0.35	U	0.35	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Hexachlorobenzene	0.035	U	0.035	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Hexachloroethane	0.035	U *	0.035	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Indeno[1,2,3-cd]pyrene	**0.031**	**J**	0.035	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1

Client Sample ID: RX-8_0.5-2.5

Date Collected: 09/27/18 13:15
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-5

Matrix: Solid
Percent Solids: 93.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	0.14	U	0.14	0.0093	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Naphthalene	**0.010**	**J**	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Nitrobenzene	0.035	U *	0.035	0.0085	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Phenanthrene	**0.058**	**J**	0.35	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Phenol	0.35	U	0.35	0.0053	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1
Pyrene	**0.090**	**J**	0.35	0.0088	mg/Kg	☼	09/29/18 16:09	09/30/18 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*22*		*10 - 103*	*09/29/18 16:09*	*09/30/18 20:02*	*1*
2-Fluorobiphenyl	*32*	*	*38 - 95*	*09/29/18 16:09*	*09/30/18 20:02*	*1*
2-Fluorophenol (Surr)	*51*		*25 - 92*	*09/29/18 16:09*	*09/30/18 20:02*	*1*
Nitrobenzene-d5 (Surr)	*38*		*37 - 94*	*09/29/18 16:09*	*09/30/18 20:02*	*1*
Phenol-d5 (Surr)	*52*		*32 - 91*	*09/29/18 16:09*	*09/30/18 20:02*	*1*
Terphenyl-d14 (Surr)	*32*		*24 - 109*	*09/29/18 16:09*	*09/30/18 20:02*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7090**		19.2	6.6	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Antimony	**0.79**	**J**	0.96	0.28	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Arsenic	**5.7**		0.96	0.31	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Barium	**185**		1.9	0.64	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Beryllium	**0.25**	**J**	0.38	0.15	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Cadmium	**2.3**		0.96	0.32	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Calcium	**38400**	**B**	96.0	28.5	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Chromium	**14.2**		1.9	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Cobalt	**4.0**		1.9	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Copper	**473**		1.9	0.55	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Iron	**17100**		57.6	20.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Lead	**263**		0.58	0.18	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Magnesium	**14500**		96.0	26.7	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Manganese	**177**		3.8	1.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Nickel	**15.0**		1.9	0.62	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Potassium	**913**		96.0	34.6	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Selenium	**0.46**	**J**	4.8	0.28	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Silver	0.96	U	0.96	0.59	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Sodium	**314**		96.0	30.0	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Thallium	**0.13**	**J**	0.38	0.12	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Vanadium	**20.4**		1.9	0.55	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20
Zinc	**898**		7.7	3.7	mg/Kg	☼	10/02/18 19:02	10/03/18 11:48	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.017	0.0099	mg/Kg	☼	10/03/18 03:58	10/03/18 09:17	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Client Sample ID: RX-8_8.0-10.0

Date Collected: 09/27/18 13:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-6

Matrix: Solid
Percent Solids: 83.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.000094	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.000096	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00012	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00010	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
1,4-Dioxane	0.020	U	0.020	0.0094	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
2-Butanone (MEK)	**0.0024**	**J**	0.0051	0.0011	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
2-Hexanone	0.0051	U	0.0051	0.00080	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.00068	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Acetone	**0.014**		0.0051	0.0039	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Bromomethane	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Carbon disulfide	**0.00067**	**J**	0.0010	0.00027	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chloroform	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Methylene Chloride	0.0010	U	0.0010	0.00017	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
n-Butylbenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
o-Xylene	0.0010	U	0.0010	0.000097	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
sec-Butylbenzene	0.0010	U	0.0010	0.000090	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1

Client Sample ID: RX-8_8.0-10.0

Date Collected: 09/27/18 13:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-6

Matrix: Solid
Percent Solids: 83.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
tert-Butylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Toluene	0.0010	U	0.0010	0.00064	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Trichloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1
Xylenes, Total	0.0020	U	0.0020	0.00026	mg/Kg	☼	09/28/18 13:30	09/30/18 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*78 - 135*	*09/28/18 13:30*	*09/30/18 00:32*	*1*
4-Bromofluorobenzene	*100*		*67 - 126*	*09/28/18 13:30*	*09/30/18 00:32*	*1*
Dibromofluoromethane (Surr)	*98*		*61 - 149*	*09/28/18 13:30*	*09/30/18 00:32*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*09/28/18 13:30*	*09/30/18 00:32*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.0053	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4-Dichlorophenol	0.16	U	0.16	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4-Dimethylphenol	0.40	U	0.40	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,4-Dinitrotoluene	0.080	U	0.080	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2,6-Dinitrotoluene	0.080	U	0.080	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Chloronaphthalene	0.40	U	0.40	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Chlorophenol	0.40	U	0.40	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Methylnaphthalene	0.40	U	0.40	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Methylphenol	0.40	U	0.40	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
2-Nitrophenol	0.40	U	0.40	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
3 & 4 Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
3-Nitroaniline	0.40	U	0.40	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.064	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Chloroaniline	0.40	U	0.40	0.028	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Methylphenol	0.40	U	0.40	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Nitroaniline	0.40	U	0.40	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
4-Nitrophenol	0.80	U	0.80	0.065	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Acenaphthene	0.40	U	0.40	0.029	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Acenaphthylene	0.40	U	0.40	0.0041	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Acetophenone	0.40	U	0.40	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1

Client Sample ID: RX-8_8.0-10.0

Date Collected: 09/27/18 13:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-6

Matrix: Solid
Percent Solids: 83.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.40	U	0.40	0.0044	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzaldehyde	0.40	U	0.40	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzo[a]anthracene	0.040	U	0.040	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzo[a]pyrene	0.040	U	0.040	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzo[b]fluoranthene	0.040	U	0.040	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Bis(2-chloroethyl)ether	0.040	U *	0.040	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Caprolactam	0.40	U	0.40	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Carbazole	0.40	U	0.40	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Chrysene	0.40	U	0.40	0.0067	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Dibenzofuran	0.40	U	0.40	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Diethyl phthalate	0.40	U	0.40	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Dimethyl phthalate	0.40	U	0.40	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Di-n-butyl phthalate	0.40	U	0.40	0.070	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Fluoranthene	0.40	U	0.40	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Fluorene	0.40	U	0.40	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Hexachlorobenzene	0.040	U	0.040	0.0058	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Hexachloroethane	0.040	U *	0.040	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Naphthalene	0.40	U	0.40	0.0069	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Nitrobenzene	0.040	U *	0.040	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Phenanthrene	0.40	U	0.40	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Phenol	0.40	U	0.40	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1
Pyrene	0.40	U	0.40	0.0099	mg/Kg	☼	09/29/18 16:09	09/30/18 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*28*		*10 - 103*	*09/29/18 16:09*	*09/30/18 20:25*	*1*
2-Fluorobiphenyl	*40*		*38 - 95*	*09/29/18 16:09*	*09/30/18 20:25*	*1*
2-Fluorophenol (Surr)	*52*		*25 - 92*	*09/29/18 16:09*	*09/30/18 20:25*	*1*
Nitrobenzene-d5 (Surr)	*43*		*37 - 94*	*09/29/18 16:09*	*09/30/18 20:25*	*1*
Phenol-d5 (Surr)	*52*		*32 - 91*	*09/29/18 16:09*	*09/30/18 20:25*	*1*
Terphenyl-d14 (Surr)	*37*		*24 - 109*	*09/29/18 16:09*	*09/30/18 20:25*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7380**		20.4	7.0	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Antimony	1.0	U	1.0	0.30	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20

Client Sample ID: RX-8_8.0-10.0

Lab Sample ID: 460-165599-6

Date Collected: 09/27/18 13:30
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 83.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		1.0	0.33	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Barium	48.7		2.0	0.68	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Beryllium	0.26	J	0.41	0.16	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Cadmium	1.0	U	1.0	0.34	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Calcium	33600	B	102	30.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Chromium	13.2		2.0	0.61	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Cobalt	6.0		2.0	0.61	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Copper	26.1		2.0	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Iron	11600		61.1	21.4	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Lead	30.1		0.61	0.19	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Magnesium	18600		102	28.3	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Manganese	146		4.1	1.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Nickel	12.9		2.0	0.66	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Potassium	1260		102	36.6	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Selenium	0.38	J	5.1	0.30	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Silver	1.0	U	1.0	0.63	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Sodium	429		102	31.9	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Thallium	0.41	U	0.41	0.13	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Vanadium	16.1		2.0	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20
Zinc	138		8.1	4.0	mg/Kg	☼	10/02/18 19:02	10/03/18 11:51	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.011	mg/Kg	☼	10/03/18 03:58	10/03/18 09:19	1

Client Sample ID: FB-20180927

Lab Sample ID: 460-165599-7

Date Collected: 09/27/18 14:45
Date Received: 09/27/18 20:20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/02/18 04:35	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.37	ug/L			10/02/18 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/02/18 04:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 04:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/02/18 04:35	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/02/18 04:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/02/18 04:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/02/18 04:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/02/18 04:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 04:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/02/18 04:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/02/18 04:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/02/18 04:35	1
1,4-Dioxane	50	U	50	28	ug/L			10/02/18 04:35	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/02/18 04:35	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/02/18 04:35	1

Client Sample ID: FB-20180927

Lab Sample ID: 460-165599-7

Date Collected: 09/27/18 14:45

Matrix: Water

Date Received: 09/27/18 20:20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/02/18 04:35	1
Acetone	5.0	U	5.0	5.0	ug/L			10/02/18 04:35	1
Benzene	1.0	U *	1.0	0.43	ug/L			10/02/18 04:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/02/18 04:35	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/02/18 04:35	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/02/18 04:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/02/18 04:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/02/18 04:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/02/18 04:35	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/02/18 04:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/02/18 04:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/02/18 04:35	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/02/18 04:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/02/18 04:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/02/18 04:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/02/18 04:35	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/02/18 04:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/02/18 04:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/02/18 04:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/02/18 04:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:35	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/02/18 04:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/02/18 04:35	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/02/18 04:35	1
Methylene Chloride	**0.40**	**J**	1.0	0.32	ug/L			10/02/18 04:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/02/18 04:35	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/02/18 04:35	1
N-Propylbenzene	1.0	U *	1.0	0.32	ug/L			10/02/18 04:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/02/18 04:35	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:35	1
Styrene	1.0	U	1.0	0.42	ug/L			10/02/18 04:35	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:35	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/02/18 04:35	1
Toluene	1.0	U	1.0	0.38	ug/L			10/02/18 04:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/02/18 04:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/02/18 04:35	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/02/18 04:35	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/02/18 04:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/02/18 04:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/02/18 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*74 - 132*		*10/02/18 04:35*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*10/02/18 04:35*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*10/02/18 04:35*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*10/02/18 04:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 07:08	1

Client Sample ID: FB-20180927

Lab Sample ID: 460-165599-7

Date Collected: 09/27/18 14:45

Matrix: Water

Date Received: 09/27/18 20:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4-Dichlorophenol	10	U *	10	0.42	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/28/18 16:36	09/29/18 07:08	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Methylphenol	10	U	10	0.26	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/28/18 16:36	09/29/18 07:08	1
2-Nitrophenol	10	U *	10	0.75	ug/L		09/28/18 16:36	09/29/18 07:08	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 07:08	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/28/18 16:36	09/29/18 07:08	1
3-Nitroaniline	10	U	10	0.96	ug/L		09/28/18 16:36	09/29/18 07:08	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Methylphenol	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/28/18 16:36	09/29/18 07:08	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/28/18 16:36	09/29/18 07:08	1
Acenaphthene	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 07:08	1
Acenaphthylene	10	U *	10	0.82	ug/L		09/28/18 16:36	09/29/18 07:08	1
Acetophenone	10	U	10	0.79	ug/L		09/28/18 16:36	09/29/18 07:08	1
Anthracene	10	U	10	0.63	ug/L		09/28/18 16:36	09/29/18 07:08	1
Atrazine	2.0	U *	2.0	1.3	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzaldehyde	10	U	10	0.59	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		09/28/18 16:36	09/29/18 07:08	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/28/18 16:36	09/29/18 07:08	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/28/18 16:36	09/29/18 07:08	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/28/18 16:36	09/29/18 07:08	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/28/18 16:36	09/29/18 07:08	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/28/18 16:36	09/29/18 07:08	1
Caprolactam	10	U *	10	0.68	ug/L		09/28/18 16:36	09/29/18 07:08	1
Carbazole	10	U	10	0.68	ug/L		09/28/18 16:36	09/29/18 07:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		09/28/18 16:36	09/29/18 07:08	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/28/18 16:36	09/29/18 07:08	1
Dibenzofuran	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 07:08	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/28/18 16:36	09/29/18 07:08	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/28/18 16:36	09/29/18 07:08	1

Client Sample ID: FB-20180927

Date Collected: 09/27/18 14:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-7

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/28/18 16:36	09/29/18 07:08	1
Di-n-octyl phthalate	10	U *	10	4.8	ug/L		09/28/18 16:36	09/29/18 07:08	1
Fluoranthene	10	U	10	0.84	ug/L		09/28/18 16:36	09/29/18 07:08	1
Fluorene	10	U	10	0.91	ug/L		09/28/18 16:36	09/29/18 07:08	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/28/18 16:36	09/29/18 07:08	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		09/28/18 16:36	09/29/18 07:08	1
Hexachlorocyclopentadiene	10	U	10	1.7	ug/L		09/28/18 16:36	09/29/18 07:08	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/28/18 16:36	09/29/18 07:08	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		09/28/18 16:36	09/29/18 07:08	1
Isophorone	10	U *	10	0.80	ug/L		09/28/18 16:36	09/29/18 07:08	1
Naphthalene	10	U	10	1.1	ug/L		09/28/18 16:36	09/29/18 07:08	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/28/18 16:36	09/29/18 07:08	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/28/18 16:36	09/29/18 07:08	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/28/18 16:36	09/29/18 07:08	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/28/18 16:36	09/29/18 07:08	1
Phenanthrene	10	U	10	0.58	ug/L		09/28/18 16:36	09/29/18 07:08	1
Phenol	10	U *	10	0.29	ug/L		09/28/18 16:36	09/29/18 07:08	1
Pyrene	10	U	10	1.6	ug/L		09/28/18 16:36	09/29/18 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*26 - 139*	*09/28/18 16:36*	*09/29/18 07:08*	*1*
2-Fluorobiphenyl	*84*		*45 - 107*	*09/28/18 16:36*	*09/29/18 07:08*	*1*
2-Fluorophenol (Surr)	*48*		*25 - 58*	*09/28/18 16:36*	*09/29/18 07:08*	*1*
Nitrobenzene-d5 (Surr)	*107*		*51 - 108*	*09/28/18 16:36*	*09/29/18 07:08*	*1*
Phenol-d5 (Surr)	*31*		*14 - 39*	*09/28/18 16:36*	*09/29/18 07:08*	*1*
Terphenyl-d14 (Surr)	*92*		*40 - 148*	*09/28/18 16:36*	*09/29/18 07:08*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	18.8	ug/L		09/29/18 22:15	09/30/18 21:18	2
Antimony	**0.67**	**J**	2.0	0.62	ug/L		09/29/18 22:15	09/30/18 21:18	2
Arsenic	2.0	U	2.0	0.73	ug/L		09/29/18 22:15	09/30/18 21:18	2
Barium	4.0	U	4.0	1.2	ug/L		09/29/18 22:15	09/30/18 21:18	2
Beryllium	0.80	U	0.80	0.25	ug/L		09/29/18 22:15	09/30/18 21:18	2
Cadmium	2.0	U	2.0	0.81	ug/L		09/29/18 22:15	09/30/18 21:18	2
Calcium	200	U	200	67.6	ug/L		09/29/18 22:15	09/30/18 21:18	2
Chromium	4.0	U	4.0	2.3	ug/L		09/29/18 22:15	09/30/18 21:18	2
Cobalt	4.0	U	4.0	1.6	ug/L		09/29/18 22:15	09/30/18 21:18	2
Copper	4.0	U	4.0	2.0	ug/L		09/29/18 22:15	09/30/18 21:18	2
Iron	120	U	120	51.1	ug/L		09/29/18 22:15	09/30/18 21:18	2
Lead	1.2	U	1.2	0.55	ug/L		09/29/18 22:15	09/30/18 21:18	2
Magnesium	200	U	200	73.7	ug/L		09/29/18 22:15	09/30/18 21:18	2
Manganese	8.0	U	8.0	2.9	ug/L		09/29/18 22:15	09/30/18 21:18	2
Nickel	4.0	U	4.0	2.4	ug/L		09/29/18 22:15	09/30/18 21:18	2
Potassium	200	U	200	86.7	ug/L		09/29/18 22:15	09/30/18 21:18	2
Selenium	10.0	U	10.0	5.4	ug/L		09/29/18 22:15	09/30/18 21:18	2
Silver	2.0	U	2.0	0.59	ug/L		09/29/18 22:15	09/30/18 21:18	2
Sodium	200	U	200	128	ug/L		09/29/18 22:15	09/30/18 21:18	2
Thallium	0.80	U	0.80	0.16	ug/L		09/29/18 22:15	09/30/18 21:18	2
Vanadium	4.0	U	4.0	1.1	ug/L		09/29/18 22:15	09/30/18 21:18	2

Client Sample ID: FB-20180927

Lab Sample ID: 460-165599-7

Date Collected: 09/27/18 14:45

Matrix: Water

Date Received: 09/27/18 20:20

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	16.0	U	16.0	11.1	ug/L		09/29/18 22:15	09/30/18 21:18	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/02/18 12:22	10/02/18 16:40	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-165599-8

Date Collected: 09/27/18 00:00

Matrix: Water

Date Received: 09/27/18 20:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/02/18 04:58	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.37	ug/L			10/02/18 04:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/02/18 04:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 04:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/02/18 04:58	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/02/18 04:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/02/18 04:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:58	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/02/18 04:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/02/18 04:58	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/02/18 04:58	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/02/18 04:58	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/02/18 04:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/02/18 04:58	1
1,4-Dioxane	50	U	50	28	ug/L			10/02/18 04:58	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/02/18 04:58	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/02/18 04:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/02/18 04:58	1
Acetone	5.0	U	5.0	5.0	ug/L			10/02/18 04:58	1
Benzene	1.0	U *	1.0	0.43	ug/L			10/02/18 04:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/02/18 04:58	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/02/18 04:58	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/02/18 04:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/02/18 04:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/02/18 04:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/02/18 04:58	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/02/18 04:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/02/18 04:58	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/02/18 04:58	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/02/18 04:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/02/18 04:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/02/18 04:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/02/18 04:58	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/02/18 04:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/02/18 04:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/02/18 04:58	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-165599-8

Date Collected: 09/27/18 00:00

Matrix: Water

Date Received: 09/27/18 20:20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/02/18 04:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:58	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/02/18 04:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/02/18 04:58	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/02/18 04:58	1
Methylene Chloride	**0.36**	**J**	1.0	0.32	ug/L			10/02/18 04:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/02/18 04:58	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/02/18 04:58	1
N-Propylbenzene	1.0	U *	1.0	0.32	ug/L			10/02/18 04:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/02/18 04:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/02/18 04:58	1
Styrene	1.0	U	1.0	0.42	ug/L			10/02/18 04:58	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/02/18 04:58	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/02/18 04:58	1
Toluene	1.0	U	1.0	0.38	ug/L			10/02/18 04:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/02/18 04:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/02/18 04:58	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/02/18 04:58	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/02/18 04:58	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/02/18 04:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/02/18 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*74 - 132*		*10/02/18 04:58*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*10/02/18 04:58*	*1*
Dibromofluoromethane (Surr)	*108*		*72 - 131*		*10/02/18 04:58*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*10/02/18 04:58*	*1*

Client Sample ID: RX-5_0.5-2.5

Lab Sample ID: 460-165599-9

Date Collected: 09/27/18 15:30

Matrix: Solid

Date Received: 09/27/18 20:20

Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.000097	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.000099	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00012	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00011	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1

Client Sample ID: RX-5_0.5-2.5

Date Collected: 09/27/18 15:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-9

Matrix: Solid
Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.021	U	0.021	0.0097	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
2-Butanone (MEK)	**0.0023**	**J**	0.0053	0.0012	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
2-Hexanone	0.0053	U	0.0053	0.00082	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.00070	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Acetone	**0.018**		0.0053	0.0040	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Benzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Bromomethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Carbon tetrachloride	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chlorodibromomethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chloroform	0.0011	U	0.0011	0.00034	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00016	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Ethylbenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Isopropylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Methyl acetate	0.0053	U	0.0053	0.0045	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Methylcyclohexane	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Methylene Chloride	0.0011	U	0.0011	0.00017	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00018	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
n-Butylbenzene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
N-Propylbenzene	0.0011	U	0.0011	0.00018	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
o-Xylene	0.0011	U	0.0011	0.00010	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
sec-Butylbenzene	0.0011	U	0.0011	0.000093	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Styrene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
tert-Butylbenzene	0.0011	U	0.0011	0.00013	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Tetrachloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Toluene	0.0011	U	0.0011	0.00066	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Trichloroethene	0.0011	U	0.0011	0.00015	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1
Xylenes, Total	0.0021	U	0.0021	0.00027	mg/Kg	☼	09/28/18 13:31	09/30/18 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*78 - 135*	*09/28/18 13:31*	*09/30/18 00:57*	*1*
4-Bromofluorobenzene	*103*		*67 - 126*	*09/28/18 13:31*	*09/30/18 00:57*	*1*
Dibromofluoromethane (Surr)	*97*		*61 - 149*	*09/28/18 13:31*	*09/30/18 00:57*	*1*
Toluene-d8 (Surr)	*101*		*73 - 121*	*09/28/18 13:31*	*09/30/18 00:57*	*1*

Client Sample ID: RX-5_0.5-2.5

Date Collected: 09/27/18 15:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-9

Matrix: Solid
Percent Solids: 92.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0047	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.0047	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4-Dichlorophenol	0.14	U	0.14	0.0075	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4-Dimethylphenol	0.35	U	0.35	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,4-Dinitrotoluene	0.072	U	0.072	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Chlorophenol	0.35	U	0.35	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Methylnaphthalene	0.35	U	0.35	0.0044	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Methylphenol	0.35	U	0.35	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
2-Nitrophenol	0.35	U	0.35	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
3 & 4 Methylphenol	0.35	U	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
3-Nitroaniline	0.35	U	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.058	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Chloroaniline	0.35	U	0.35	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Methylphenol	0.35	U	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Acenaphthene	0.35	U	0.35	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Acenaphthylene	0.35	U	0.35	0.0037	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Acetophenone	0.35	U	0.35	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Anthracene	0.35	U	0.35	0.0040	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Atrazine	0.14	U	0.14	0.0090	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzaldehyde	0.35	U	0.35	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzo[a]anthracene	**0.034**	**J**	0.035	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzo[a]pyrene	**0.034**	**J**	0.035	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzo[b]fluoranthene	**0.049**		0.035	0.0092	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzo[g,h,i]perylene	**0.044**	**J**	0.35	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Benzo[k]fluoranthene	**0.018**	**J**	0.035	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Bis(2-chloroethyl)ether	0.035	U *	0.035	0.0043	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Bis(2-ethylhexyl) phthalate	**0.036**	**J**	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Caprolactam	0.35	U	0.35	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Carbazole	0.35	U	0.35	0.0042	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Chrysene	**0.038**	**J**	0.35	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Dibenzofuran	0.35	U	0.35	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Diethyl phthalate	0.35	U	0.35	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1

Client Sample ID: RX-5_0.5-2.5

Date Collected: 09/27/18 15:30
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-9

Matrix: Solid
Percent Solids: 92.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.35	U	0.35	0.0043	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Di-n-butyl phthalate	0.35	U	0.35	0.063	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Fluoranthene	**0.035**	**J**	0.35	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Fluorene	0.35	U	0.35	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Hexachlorobenzene	0.035	U	0.035	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Hexachloroethane	0.035	U *	0.035	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Indeno[1,2,3-cd]pyrene	**0.028**	**J**	0.035	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Isophorone	0.14	U	0.14	0.0094	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Nitrobenzene	0.035	U *	0.035	0.0085	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Phenanthrene	**0.015**	**J**	0.35	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Phenol	0.35	U	0.35	0.0053	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1
Pyrene	**0.048**	**J**	0.35	0.0088	mg/Kg	☼	09/29/18 16:09	09/30/18 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*10*		*10 - 103*	*09/29/18 16:09*	*09/30/18 20:49*	*1*
2-Fluorobiphenyl	*54*		*38 - 95*	*09/29/18 16:09*	*09/30/18 20:49*	*1*
2-Fluorophenol (Surr)	*52*		*25 - 92*	*09/29/18 16:09*	*09/30/18 20:49*	*1*
Nitrobenzene-d5 (Surr)	*57*		*37 - 94*	*09/29/18 16:09*	*09/30/18 20:49*	*1*
Phenol-d5 (Surr)	*57*		*32 - 91*	*09/29/18 16:09*	*09/30/18 20:49*	*1*
Terphenyl-d14 (Surr)	*51*		*24 - 109*	*09/29/18 16:09*	*09/30/18 20:49*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5610**		19.2	6.6	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Antimony	0.96	U	0.96	0.28	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Arsenic	**3.7**		0.96	0.31	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Barium	**60.4**		1.9	0.64	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Beryllium	**0.26**	**J**	0.38	0.15	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Cadmium	**0.66**	**J**	0.96	0.32	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Calcium	**63700**	**B**	96.1	28.5	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Chromium	**10.4**		1.9	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Cobalt	**4.2**		1.9	0.58	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Copper	**22.7**		1.9	0.55	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Iron	**11100**		57.6	20.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Lead	**52.2**		0.58	0.18	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Magnesium	**23700**		96.1	26.7	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Manganese	**185**		3.8	1.2	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Nickel	**11.6**		1.9	0.63	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Potassium	**866**		96.1	34.6	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Selenium	4.8	U	4.8	0.28	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Silver	0.96	U	0.96	0.59	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Sodium	**311**		96.1	30.1	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Thallium	0.38	U	0.38	0.12	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20

Client Sample ID: RX-5_0.5-2.5

Lab Sample ID: 460-165599-9

Date Collected: 09/27/18 15:30
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 92.9

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	21.1		1.9	0.55	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20
Zinc	75.5		7.7	3.7	mg/Kg	☼	10/02/18 19:02	10/03/18 11:54	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.018	0.010	mg/Kg	☼	10/03/18 03:58	10/03/18 09:21	1

Client Sample ID: RX-5_5.0-7.0

Lab Sample ID: 460-165599-10

Date Collected: 09/27/18 15:45
Date Received: 09/27/18 20:20

Matrix: Solid
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.000096	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.000098	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00012	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00017	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00010	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
1,4-Dioxane	0.021	U	0.021	0.0096	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
2-Butanone (MEK)	0.0052	U	0.0052	0.0012	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
2-Hexanone	0.0052	U	0.0052	0.00081	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.00069	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Acetone	0.0052	U	0.0052	0.0039	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Benzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Bromomethane	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Carbon tetrachloride	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chloroform	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1

Client Sample ID: RX-5_5.0-7.0

Date Collected: 09/27/18 15:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-10

Matrix: Solid
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0010	U	0.0010	0.00021	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Ethylene Dibromide	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Methylcyclohexane	0.0010	U	0.0010	0.00017	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Methylene Chloride	0.0010	U	0.0010	0.00017	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
n-Butylbenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
o-Xylene	0.0010	U	0.0010	0.000099	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
sec-Butylbenzene	0.0010	U	0.0010	0.000092	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Styrene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
tert-Butylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Tetrachloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Toluene	0.0010	U	0.0010	0.00065	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Trichloroethene	**0.0010**	**B**	0.0010	0.00015	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1
Xylenes, Total	0.0021	U	0.0021	0.00026	mg/Kg	☼	09/28/18 13:32	10/09/18 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 135*	*09/28/18 13:32*	*10/09/18 12:25*	*1*
4-Bromofluorobenzene	*95*		*67 - 126*	*09/28/18 13:32*	*10/09/18 12:25*	*1*
Dibromofluoromethane (Surr)	*108*		*61 - 149*	*09/28/18 13:32*	*10/09/18 12:25*	*1*
Toluene-d8 (Surr)	*98*		*73 - 121*	*09/28/18 13:32*	*10/09/18 12:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0048	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.012	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4-Dichlorophenol	0.15	U	0.15	0.0078	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,4-Dinitrotoluene	0.075	U	0.075	0.019	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2,6-Dinitrotoluene	0.075	U	0.075	0.012	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Chlorophenol	0.37	U	0.37	0.0052	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Methylnaphthalene	0.37	U	0.37	0.0046	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Methylphenol	0.37	U	0.37	0.0059	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
2-Nitrophenol	0.37	U	0.37	0.012	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
3 & 4 Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1

Client Sample ID: RX-5_5.0-7.0

Date Collected: 09/27/18 15:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-10

Matrix: Solid
Percent Solids: 89.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	0.37	U	0.37	0.020	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.060	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0048	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.0061	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Chloroaniline	0.37	U	0.37	0.026	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0058	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Acenaphthene	0.37	U	0.37	0.027	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Acenaphthylene	0.37	U	0.37	0.0038	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Acetophenone	0.37	U	0.37	0.0059	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Anthracene	0.37	U	0.37	0.0041	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Atrazine	0.15	U	0.15	0.0093	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzo[a]anthracene	0.037	U	0.037	0.013	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.013	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.0044	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Caprolactam	0.37	U	0.37	0.022	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Carbazole	0.37	U	0.37	0.0043	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Chrysene	0.37	U	0.37	0.0062	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Dibenzofuran	0.37	U	0.37	0.0052	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Diethyl phthalate	0.37	U	0.37	0.0053	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Dimethyl phthalate	0.37	U	0.37	0.0044	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Di-n-butyl phthalate	0.37	U	0.37	0.065	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Fluoranthene	0.37	U	0.37	0.0048	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Fluorene	0.37	U	0.37	0.0050	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Hexachlorobenzene	0.037	U	0.037	0.0054	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Hexachloroethane	0.037	U	0.037	0.0057	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Isophorone	0.15	U	0.15	0.0097	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Nitrobenzene	0.037	U	0.037	0.0088	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.0059	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0070	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Phenanthrene	0.37	U	0.37	0.0065	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Phenol	0.37	U	0.37	0.0055	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	10/06/18 09:18	10/07/18 11:27	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165599-1

Client Sample ID: RX-5_5.0-7.0

Date Collected: 09/27/18 15:45
Date Received: 09/27/18 20:20

Lab Sample ID: 460-165599-10

Matrix: Solid
Percent Solids: 89.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 103*	*10/06/18 09:18*	*10/07/18 11:27*	*1*
2-Fluorobiphenyl	*64*		*38 - 95*	*10/06/18 09:18*	*10/07/18 11:27*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 92*	*10/06/18 09:18*	*10/07/18 11:27*	*1*
Nitrobenzene-d5 (Surr)	*61*		*37 - 94*	*10/06/18 09:18*	*10/07/18 11:27*	*1*
Phenol-d5 (Surr)	*58*		*32 - 91*	*10/06/18 09:18*	*10/07/18 11:27*	*1*
Terphenyl-d14 (Surr)	*50*		*24 - 109*	*10/06/18 09:18*	*10/07/18 11:27*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8240**		19.7	6.8	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Antimony	0.99	U	0.99	0.29	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Arsenic	**2.0**		0.99	0.32	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Barium	**29.8**		2.0	0.65	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Beryllium	**0.33**	**J**	0.39	0.16	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Cadmium	0.99	U	0.99	0.33	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Calcium	**39000**		98.6	29.3	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Chromium	**11.1**		2.0	0.59	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Cobalt	**5.0**		2.0	0.59	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Copper	**10.8**		2.0	0.56	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Iron	**11500**		59.2	20.7	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Lead	**4.8**		0.59	0.19	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Magnesium	**27800**		98.6	27.4	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Manganese	**315**		3.9	1.2	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Nickel	**10.9**		2.0	0.64	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Potassium	**913**		98.6	35.5	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Selenium	4.9	U	4.9	0.29	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Silver	0.99	U	0.99	0.61	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Sodium	**1050**		98.6	30.9	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Thallium	0.39	U	0.39	0.12	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Vanadium	**14.3**		2.0	0.56	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20
Zinc	**33.9**		7.9	3.8	mg/Kg	☼	10/09/18 16:55	10/09/18 23:33	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.011	mg/Kg	☼	10/11/18 04:35	10/11/18 10:23	1

ANALYTICAL REPORT

Job Number: 460-165685-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:35 AM

Melissa Haas, Project Manager I
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melissa.haas@testamericainc.com
11/16/2018
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-165685-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:35 AM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-165685-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-165685-1. Details are as follows: 460-165685-1. The client requested the addition of NY Part 375 compounds for VOCs, SVOCs.

RECEIPT
The samples were received on 9/28/2018 8:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8º C and 3.0º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-6_0.5-2.5 (460-165685-1), RX-6_9.0-11.0 (460-165685-2), RX-6_14.0-16.0 (460-165685-3), RX-4_0.5-2.5 (460-165685-7), RX-4_9.5-11.5 (460-165685-8) and RX-7_0.5-2.5 (460-165685-9) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 09/29/2018 and analyzed on 10/01/2018, 10/02/2018 and 10/04/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556560 was outside the method criteria for the following analytes: Chloromethane and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-557283 was outside the method criteria for the following analytes: Trichlorofluoromethane and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-557283 recovered outside control limits for the following analytes: Trichlorofluoromethane and 1,2-Dichloroethane.

Methylene Chloride and Trichloroethene were detected in method blank LB3 460-556205/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

The following sample was diluted due to the abundance of non-target analytes: RX-4_0.5-2.5 (460-165685-7). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-6 (460-165685-4), FB-20180928 (460-165685-5), RX-4 (460-165685-6) and Dup-20180928 (460-165685-10) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/03/2018.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples RX-6 (460-165685-4), FB-20180928 (460-165685-5), RX-4 (460-165685-6) and Dup-20180928 (460-165685-10) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/29/2018 and analyzed on 09/30/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556277 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-556150 and analytical batch 460-556277 recovered outside control limits for the following analyte: 4-Nitrophenol. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 460-556150 and analytical batch 460-556277 recovered outside control limits for the following analytes: Hexachlorobutadiene and Hexachlorocyclopentadiene.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-6_0.5-2.5 (460-165685-1), RX-6_9.0-11.0 (460-165685-2), RX-6_14.0-16.0 (460-165685-3), RX-4_0.5-2.5 (460-165685-7), RX-4_9.5-11.5 (460-165685-8) and RX-7_0.5-2.5 (460-165685-9) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/29/2018 and analyzed on 09/30/2018, 10/01/2018 and 10/02/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556257 was outside the method criteria for the following analyte(s): 4-Nitrophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 460-556147 had three analytes (Bis(2-chloroethyl)ether, Hexachloroethane and Nitrobenzene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The following laboratory control sample (LCS) associated with batch 460-556147 contained one acid/base surrogate outside acceptance limits:(LCS 460-556147/3-A). The laboratory’s SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-556376 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-556376 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-556674 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-556674 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to

be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Several analytes failed the recovery criteria low for the Matrix Spike/Matrix Spike Duplicate (MS/MSD) of sample 460-165599-3 in batch 460-556257.

Refer to the QC report for details.

Sample RX-4_0.5-2.5 (460-165685-7)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples RX-6_0.5-2.5 (460-165685-1), RX-6_9.0-11.0 (460-165685-2), RX-4_0.5-2.5 (460-165685-7), RX-4_9.5-11.5 (460-165685-8) and RX-7_0.5-2.5 (460-165685-9) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 10/03/2018 and analyzed on 10/04/2018.

Several analytes failed the recovery criteria low for the MS of sample RX-4_0.5-2.5MS (460-165685-7) in batch 460-557397. Barium, Calcium, Iron and Lead failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample RX-7_0.5-2.5MS (460-165685-9) in batch 460-557393. Lead, Nickel and Potassium failed the recovery criteria high.

Antimony, Copper, Lead, Nickel and Zinc exceeded the RPD limit for the duplicate of sample RX-4_0.5-2.5DU (460-165685-7).

Beryllium, Cadmium and Zinc exceeded the RPD limit for the duplicate of sample RX-7_0.5-2.5DU (460-165685-9).

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Sample RX-4_0.5-2.5 (460-165685-7)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples RX-6 (460-165685-4), FB-20180928 (460-165685-5), RX-4 (460-165685-6) and Dup-20180928 (460-165685-10) were analyzed for Metals in accordance with 6020B. The samples were prepared on 10/03/2018 and analyzed on 10/04/2018.

Sodium failed the recovery criteria high for the MS of sample 460-165740-4 in batch 460-557397.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples RX-6 (460-165685-4)[20X], RX-4 (460-165685-6)[20X] and Dup-20180928 (460-165685-10)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples RX-6 (460-165685-4), FB-20180928 (460-165685-5), RX-4 (460-165685-6) and Dup-20180928 (460-165685-10) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/04/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples RX-6_0.5-2.5 (460-165685-1), RX-6_9.0-11.0 (460-165685-2), RX-4_0.5-2.5 (460-165685-7), RX-4_9.5-11.5 (460-165685-8) and RX-7_0.5-2.5 (460-165685-9) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were

prepared and analyzed on 10/03/2018.

Mercury failed the recovery criteria high for the MS of sample 460-165358-1 in batch 460-557053.

Mercury exceeded the RPD limit for the duplicate of sample 460-165358-1.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples RX-6_0.5-2.5 (460-165685-1), RX-6_9.0-11.0 (460-165685-2), RX-6_14.0-16.0 (460-165685-3), RX-4_0.5-2.5 (460-165685-7), RX-4_9.5-11.5 (460-165685-8) and RX-7_0.5-2.5 (460-165685-9) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/03/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-165685-1	RX-6_0.5-2.5	Solid	09/28/18 09:15	09/28/18 20:00
460-165685-2	RX-6_9.0-11.0	Solid	09/28/18 09:30	09/28/18 20:00
460-165685-3	RX-6_14.0-16.0	Solid	09/28/18 09:45	09/28/18 20:00
460-165685-4	RX-6	Water	09/28/18 09:00	09/28/18 20:00
460-165685-5	FB-20180928	Water	09/28/18 10:00	09/28/18 20:00
460-165685-6	RX-4	Water	09/28/18 14:00	09/28/18 20:00
460-165685-7	RX-4_0.5-2.5	Solid	09/28/18 14:15	09/28/18 20:00
460-165685-8	RX-4_9.5-11.5	Solid	09/28/18 14:30	09/28/18 20:00
460-165685-9	RX-7_0.5-2.5	Solid	09/28/18 14:45	09/28/18 20:00
460-165685-10	Dup-20180928	Water	09/28/18 00:00	09/28/18 20:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Client Sample ID: RX-6_0.5-2.5 — Lab Sample ID: 460-165685-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00025	J B	0.0013	0.00022	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00040	J B	0.0013	0.00019	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.0089	J	0.46	0.0047	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.066	J	0.46	0.0051	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.24		0.046	0.016	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.22		0.046	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.29		0.046	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.46	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.10		0.046	0.0090	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.017	J	0.46	0.0054	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.25	J	0.46	0.0077	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.041	J	0.046	0.020	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.46		0.46	0.0059	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.016	J	0.46	0.0062	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.046	0.018	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.30	J	0.46	0.0080	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.48		0.46	0.011	mg/Kg	1	☼	8270D	Total/NA
Aluminum	7270		23.5	8.0	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.35	J	1.2	0.34	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.8		1.2	0.38	mg/Kg	20	☼	6020B	Total/NA
Barium	105		2.3	0.78	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.29	J	0.47	0.19	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.4		1.2	0.39	mg/Kg	20	☼	6020B	Total/NA
Calcium	14900		117	34.9	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.3		2.3	0.70	mg/Kg	20	☼	6020B	Total/NA
Cobalt	4.9		2.3	0.71	mg/Kg	20	☼	6020B	Total/NA
Copper	72.5		2.3	0.67	mg/Kg	20	☼	6020B	Total/NA
Iron	12200		70.4	24.6	mg/Kg	20	☼	6020B	Total/NA
Lead	345		0.70	0.22	mg/Kg	20	☼	6020B	Total/NA
Magnesium	10400		117	32.6	mg/Kg	20	☼	6020B	Total/NA
Manganese	221		4.7	1.4	mg/Kg	20	☼	6020B	Total/NA
Nickel	13.0		2.3	0.76	mg/Kg	20	☼	6020B	Total/NA
Potassium	1590		117	42.2	mg/Kg	20	☼	6020B	Total/NA
Silver	1.8		1.2	0.73	mg/Kg	20	☼	6020B	Total/NA
Sodium	367		117	36.7	mg/Kg	20	☼	6020B	Total/NA
Vanadium	30.8		2.3	0.67	mg/Kg	20	☼	6020B	Total/NA
Zinc	298		9.4	4.6	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.056		0.021	0.013	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-6_9.0-11.0 — Lab Sample ID: 460-165685-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014		0.0048	0.0037	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00035	J	0.00096	0.00026	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00021	J B	0.00096	0.00016	mg/Kg	1	☼	8260C	Total/NA
Anthracene	0.030	J	0.38	0.0043	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.080		0.038	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.067		0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.087		0.038	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.044	J	0.38	0.011	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-6_9.0-11.0 (Continued) — Lab Sample ID: 460-165685-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	0.031	J	0.038	0.0075	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.013	J	0.38	0.0045	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.071	J	0.38	0.0065	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.15	J	0.38	0.0050	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.013	J	0.38	0.0052	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.046		0.038	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.12	J	0.38	0.0067	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.16	J	0.38	0.0095	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8270		21.5	7.4	mg/Kg	20	☼	6020B	Total/NA
Arsenic	1.3		1.1	0.34	mg/Kg	20	☼	6020B	Total/NA
Barium	31.6		2.1	0.71	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.37	J	0.43	0.17	mg/Kg	20	☼	6020B	Total/NA
Calcium	39400		107	31.9	mg/Kg	20	☼	6020B	Total/NA
Chromium	13.5		2.1	0.64	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.6		2.1	0.65	mg/Kg	20	☼	6020B	Total/NA
Copper	12.7		2.1	0.62	mg/Kg	20	☼	6020B	Total/NA
Iron	13000		64.4	22.5	mg/Kg	20	☼	6020B	Total/NA
Lead	8.0		0.64	0.20	mg/Kg	20	☼	6020B	Total/NA
Magnesium	24700		107	29.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	185		4.3	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	13.1		2.1	0.70	mg/Kg	20	☼	6020B	Total/NA
Potassium	2490		107	38.7	mg/Kg	20	☼	6020B	Total/NA
Sodium	432		107	33.6	mg/Kg	20	☼	6020B	Total/NA
Vanadium	15.7		2.1	0.61	mg/Kg	20	☼	6020B	Total/NA
Zinc	35.3		8.6	4.2	mg/Kg	20	☼	6020B	Total/NA

Client Sample ID: RX-6_14.0-16.0 — Lab Sample ID: 460-165685-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0035	J	0.0062	0.0014	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.012		0.0062	0.0047	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00026	J B	0.0012	0.00018	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: RX-6 — Lab Sample ID: 460-165685-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	470		400	188	ug/L	20		6020B	Total/NA
Antimony	0.91	J	2.0	0.62	ug/L	2		6020B	Total/NA
Barium	536		4.0	1.2	ug/L	2		6020B	Total/NA
Calcium	185000		200	67.6	ug/L	2		6020B	Total/NA
Copper	3.3	J	4.0	2.0	ug/L	2		6020B	Total/NA
Iron	3570		120	51.1	ug/L	2		6020B	Total/NA
Lead	9.7		1.2	0.55	ug/L	2		6020B	Total/NA
Magnesium	137000		2000	737	ug/L	20		6020B	Total/NA
Manganese	645		8.0	2.9	ug/L	2		6020B	Total/NA
Nickel	3.0	J	4.0	2.4	ug/L	2		6020B	Total/NA
Potassium	52300		200	86.7	ug/L	2		6020B	Total/NA
Sodium	1380000		2000	1280	ug/L	20		6020B	Total/NA
Vanadium	2.6	J	4.0	1.1	ug/L	2		6020B	Total/NA
Zinc	16.8		16.0	11.1	ug/L	2		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Client Sample ID: FB-20180928 — Lab Sample ID: 460-165685-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	22.0	J	40.0	18.8	ug/L	2		6020B	Total/NA
Calcium	217		200	67.6	ug/L	2		6020B	Total/NA
Sodium	673		200	128	ug/L	2		6020B	Total/NA

Client Sample ID: RX-4 — Lab Sample ID: 460-165685-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		5.0	5.0	ug/L	1		8260C	Total/NA
3 & 4 Methylphenol	4.1	J	10	0.24	ug/L	1		8270D	Total/NA
4-Methylphenol	4.1	J	10	0.24	ug/L	1		8270D	Total/NA
Anthracene	2.8	J	10	0.63	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	6.7		1.0	0.59	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	6.2		1.0	0.41	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	8.0		2.0	1.1	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	3.5	J	10	1.4	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	3.1		1.0	0.67	ug/L	1		8270D	Total/NA
Carbazole	5.0	J	10	0.68	ug/L	1		8270D	Total/NA
Chrysene	6.3		2.0	0.91	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.74	J	1.0	0.72	ug/L	1		8270D	Total/NA
Fluoranthene	13		10	0.84	ug/L	1		8270D	Total/NA
Fluorene	1.3	J	10	0.91	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	3.7		2.0	1.3	ug/L	1		8270D	Total/NA
Naphthalene	3.4	J	10	1.1	ug/L	1		8270D	Total/NA
Phenanthrene	9.9	J	10	0.58	ug/L	1		8270D	Total/NA
Phenol	2.3	J	10	0.29	ug/L	1		8270D	Total/NA
Pyrene	13		10	1.6	ug/L	1		8270D	Total/NA
Aluminum	972		400	188	ug/L	20		6020B	Total/NA
Antimony	3.8		2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	3.5		2.0	0.73	ug/L	2		6020B	Total/NA
Barium	240		4.0	1.2	ug/L	2		6020B	Total/NA
Calcium	122000		200	67.6	ug/L	2		6020B	Total/NA
Chromium	2.6	J	4.0	2.3	ug/L	2		6020B	Total/NA
Cobalt	2.2	J	4.0	1.6	ug/L	2		6020B	Total/NA
Copper	7.1		4.0	2.0	ug/L	2		6020B	Total/NA
Iron	1600		120	51.1	ug/L	2		6020B	Total/NA
Lead	67.2		1.2	0.55	ug/L	2		6020B	Total/NA
Magnesium	40300		2000	737	ug/L	20		6020B	Total/NA
Manganese	679		8.0	2.9	ug/L	2		6020B	Total/NA
Nickel	7.1		4.0	2.4	ug/L	2		6020B	Total/NA
Potassium	74900		200	86.7	ug/L	2		6020B	Total/NA
Sodium	1290000		2000	1280	ug/L	20		6020B	Total/NA
Vanadium	10.1		4.0	1.1	ug/L	2		6020B	Total/NA
Zinc	78.5		16.0	11.1	ug/L	2		6020B	Total/NA

Client Sample ID: RX-4_0.5-2.5 — Lab Sample ID: 460-165685-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.33		0.11	0.025	mg/Kg	50	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.13		0.11	0.027	mg/Kg	50	☼	8260C	Total/NA
Benzene	0.23		0.11	0.021	mg/Kg	50	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-4_0.5-2.5 (Continued) — Lab Sample ID: 460-165685-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.039	J	0.11	0.028	mg/Kg	50	☼	8260C	Total/NA
Cyclohexane	0.093	J	0.11	0.028	mg/Kg	50	☼	8260C	Total/NA
Ethylbenzene	0.38		0.11	0.032	mg/Kg	50	☼	8260C	Total/NA
Isopropylbenzene	0.067	J	0.11	0.035	mg/Kg	50	☼	8260C	Total/NA
Methylcyclohexane	0.85		0.11	0.024	mg/Kg	50	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.61		0.11	0.030	mg/Kg	50	☼	8260C	Total/NA
n-Butylbenzene	0.23		0.11	0.029	mg/Kg	50	☼	8260C	Total/NA
N-Propylbenzene	0.22		0.11	0.031	mg/Kg	50	☼	8260C	Total/NA
o-Xylene	0.14		0.11	0.035	mg/Kg	50	☼	8260C	Total/NA
sec-Butylbenzene	0.12		0.11	0.033	mg/Kg	50	☼	8260C	Total/NA
Toluene	0.36		0.11	0.027	mg/Kg	50	☼	8260C	Total/NA
Xylenes, Total	0.75		0.22	0.030	mg/Kg	50	☼	8260C	Total/NA
1,1'-Biphenyl	0.064	J	0.74	0.0098	mg/Kg	2	☼	8270D	Total/NA
2-Methylnaphthalene	1.3		0.74	0.0093	mg/Kg	2	☼	8270D	Total/NA
3 & 4 Methylphenol	0.033	J	0.74	0.013	mg/Kg	2	☼	8270D	Total/NA
4-Methylphenol	0.033	J	0.74	0.013	mg/Kg	2	☼	8270D	Total/NA
Acenaphthene	0.14	J	0.74	0.054	mg/Kg	2	☼	8270D	Total/NA
Acenaphthylene	0.083	J	0.74	0.0077	mg/Kg	2	☼	8270D	Total/NA
Anthracene	0.20	J	0.74	0.0083	mg/Kg	2	☼	8270D	Total/NA
Benzo[a]anthracene	0.46		0.074	0.026	mg/Kg	2	☼	8270D	Total/NA
Benzo[a]pyrene	0.47		0.074	0.020	mg/Kg	2	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.83		0.074	0.019	mg/Kg	2	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.28	J	0.74	0.022	mg/Kg	2	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.26		0.074	0.015	mg/Kg	2	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	1.2		0.74	0.039	mg/Kg	2	☼	8270D	Total/NA
Butyl benzyl phthalate	0.12	J	0.74	0.035	mg/Kg	2	☼	8270D	Total/NA
Carbazole	0.084	J	0.74	0.0087	mg/Kg	2	☼	8270D	Total/NA
Chrysene	0.53	J	0.74	0.013	mg/Kg	2	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.070	J	0.074	0.032	mg/Kg	2	☼	8270D	Total/NA
Dibenzofuran	0.13	J	0.74	0.010	mg/Kg	2	☼	8270D	Total/NA
Diethyl phthalate	0.036	J	0.74	0.011	mg/Kg	2	☼	8270D	Total/NA
Di-n-butyl phthalate	0.31	J	0.74	0.13	mg/Kg	2	☼	8270D	Total/NA
Fluoranthene	0.94		0.74	0.0096	mg/Kg	2	☼	8270D	Total/NA
Fluorene	0.25	J	0.74	0.010	mg/Kg	2	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.28		0.074	0.029	mg/Kg	2	☼	8270D	Total/NA
Naphthalene	0.71	J	0.74	0.013	mg/Kg	2	☼	8270D	Total/NA
Phenanthrene	1.0		0.74	0.013	mg/Kg	2	☼	8270D	Total/NA
Pyrene	1.3		0.74	0.018	mg/Kg	2	☼	8270D	Total/NA
Aluminum	9650		22.2	7.6	mg/Kg	20	☼	6020B	Total/NA
Antimony	8.1		1.1	0.33	mg/Kg	20	☼	6020B	Total/NA
Arsenic	13.1		1.1	0.36	mg/Kg	20	☼	6020B	Total/NA
Barium	967		2.2	0.74	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.29	J	0.44	0.18	mg/Kg	20	☼	6020B	Total/NA
Cadmium	21.0		1.1	0.37	mg/Kg	20	☼	6020B	Total/NA
Calcium	15400		111	33.0	mg/Kg	20	☼	6020B	Total/NA
Chromium	42.8		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Cobalt	10.4		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Copper	520		2.2	0.64	mg/Kg	20	☼	6020B	Total/NA
Iron	41100		66.7	23.4	mg/Kg	20	☼	6020B	Total/NA
Lead	1790		0.67	0.21	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-4_0.5-2.5 (Continued) — Lab Sample ID: 460-165685-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	9160		111	30.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	411		4.4	1.4	mg/Kg	20	☼	6020B	Total/NA
Nickel	164		2.2	0.72	mg/Kg	20	☼	6020B	Total/NA
Potassium	1730		111	40.0	mg/Kg	20	☼	6020B	Total/NA
Selenium	1.6	J	5.6	0.32	mg/Kg	20	☼	6020B	Total/NA
Silver	1.0	J	1.1	0.69	mg/Kg	20	☼	6020B	Total/NA
Sodium	521		111	34.8	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.19	J	0.44	0.14	mg/Kg	20	☼	6020B	Total/NA
Vanadium	46.1		2.2	0.63	mg/Kg	20	☼	6020B	Total/NA
Zinc	19200		222	108	mg/Kg	500	☼	6020B	Total/NA
Mercury	0.50		0.018	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-4_9.5-11.5 — Lab Sample ID: 460-165685-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0027	J	0.0046	0.0010	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.011		0.0046	0.0035	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00072	J	0.00092	0.00025	mg/Kg	1	☼	8260C	Total/NA
Trichloroethene	0.00018	J B	0.00092	0.00013	mg/Kg	1	☼	8260C	Total/NA
Acenaphthylene	0.014	J	0.38	0.0039	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.029	J	0.38	0.0043	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.030	J	0.038	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.025	J	0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.043		0.038	0.0098	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.016	J	0.038	0.0075	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.031	J	0.38	0.0064	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.057	J	0.38	0.0049	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.021	J	0.038	0.015	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.038	J	0.38	0.0067	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.046	J	0.38	0.0095	mg/Kg	1	☼	8270D	Total/NA
Aluminum	11500		19.5	6.7	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.2		0.98	0.31	mg/Kg	20	☼	6020B	Total/NA
Barium	36.7		2.0	0.65	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.51		0.39	0.16	mg/Kg	20	☼	6020B	Total/NA
Calcium	112000		97.6	29.0	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.0		2.0	0.59	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.8		2.0	0.59	mg/Kg	20	☼	6020B	Total/NA
Copper	10.6		2.0	0.56	mg/Kg	20	☼	6020B	Total/NA
Iron	14500		58.5	20.5	mg/Kg	20	☼	6020B	Total/NA
Lead	13.1		0.59	0.18	mg/Kg	20	☼	6020B	Total/NA
Magnesium	63300		97.6	27.1	mg/Kg	20	☼	6020B	Total/NA
Manganese	240		3.9	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	11.0		2.0	0.64	mg/Kg	20	☼	6020B	Total/NA
Potassium	6720		97.6	35.1	mg/Kg	20	☼	6020B	Total/NA
Sodium	961		97.6	30.5	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.39	0.12	mg/Kg	20	☼	6020B	Total/NA
Vanadium	19.1		2.0	0.56	mg/Kg	20	☼	6020B	Total/NA
Zinc	92.3		7.8	3.8	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.014	J	0.019	0.011	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Client Sample ID: RX-7_0.5-2.5 — Lab Sample ID: 460-165685-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00050	J	0.0010	0.000097	mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.00046	J	0.0010	0.00012	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.017		0.0052	0.0039	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00061	J	0.0010	0.00028	mg/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.00026	J B	0.0010	0.00017	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.00021	J	0.0010	0.00018	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00016	J	0.0010	0.000098	mg/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	0.000093	J	0.0010	0.000091	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.00016	J	0.0010	0.00015	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.00038	J	0.0021	0.00026	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.035	J	0.37	0.0046	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.027	J	0.37	0.027	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.035	J	0.37	0.0038	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.067	J	0.37	0.0042	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.23		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.24		0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.34		0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.097		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Caprolactam	0.14	J	0.37	0.022	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.016	J	0.37	0.0043	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.27	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.039		0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.018	J	0.37	0.0052	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.39		0.37	0.0048	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.034	J	0.37	0.0050	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.037	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.040	J	0.37	0.0064	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.22	J	0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.40		0.37	0.0092	mg/Kg	1	☼	8270D	Total/NA
Aluminum	11900		22.3	7.6	mg/Kg	20	☼	6020B	Total/NA
Antimony	0.46	J	1.1	0.33	mg/Kg	20	☼	6020B	Total/NA
Arsenic	4.4		1.1	0.36	mg/Kg	20	☼	6020B	Total/NA
Barium	184		2.2	0.74	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.53		0.45	0.18	mg/Kg	20	☼	6020B	Total/NA
Cadmium	0.76	J	1.1	0.37	mg/Kg	20	☼	6020B	Total/NA
Calcium	30100		111	33.1	mg/Kg	20	☼	6020B	Total/NA
Chromium	29.8		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Cobalt	8.4		2.2	0.67	mg/Kg	20	☼	6020B	Total/NA
Copper	37.6		2.2	0.64	mg/Kg	20	☼	6020B	Total/NA
Iron	18300		66.9	23.4	mg/Kg	20	☼	6020B	Total/NA
Lead	196		0.67	0.21	mg/Kg	20	☼	6020B	Total/NA
Magnesium	18000		111	31.0	mg/Kg	20	☼	6020B	Total/NA
Manganese	326		4.5	1.4	mg/Kg	20	☼	6020B	Total/NA
Nickel	22.7		2.2	0.73	mg/Kg	20	☼	6020B	Total/NA
Potassium	2410		111	40.1	mg/Kg	20	☼	6020B	Total/NA
Sodium	1280		111	34.9	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.21	J	0.45	0.14	mg/Kg	20	☼	6020B	Total/NA
Vanadium	32.1		2.2	0.63	mg/Kg	20	☼	6020B	Total/NA
Zinc	372		8.9	4.3	mg/Kg	20	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-7_0.5-2.5 (Continued) — Lab Sample ID: 460-165685-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.24		0.017	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: Dup-20180928 — Lab Sample ID: 460-165685-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.4	J	5.0	1.9	ug/L	1		8260C	Total/NA
Acetone	10		5.0	5.0	ug/L	1		8260C	Total/NA
3 & 4 Methylphenol	4.0	J	10	0.24	ug/L	1		8270D	Total/NA
4-Methylphenol	4.0	J	10	0.24	ug/L	1		8270D	Total/NA
Carbazole	4.6	J	10	0.68	ug/L	1		8270D	Total/NA
Fluoranthene	1.0	J	10	0.84	ug/L	1		8270D	Total/NA
Naphthalene	4.0	J	10	1.1	ug/L	1		8270D	Total/NA
Phenanthrene	1.3	J	10	0.58	ug/L	1		8270D	Total/NA
Phenol	2.0	J	10	0.29	ug/L	1		8270D	Total/NA
Aluminum	577		400	188	ug/L	20		6020B	Total/NA
Antimony	3.0		2.0	0.62	ug/L	2		6020B	Total/NA
Arsenic	2.9		2.0	0.73	ug/L	2		6020B	Total/NA
Barium	252		4.0	1.2	ug/L	2		6020B	Total/NA
Calcium	111000		200	67.6	ug/L	2		6020B	Total/NA
Cobalt	2.3	J	4.0	1.6	ug/L	2		6020B	Total/NA
Copper	5.2		4.0	2.0	ug/L	2		6020B	Total/NA
Iron	1190		120	51.1	ug/L	2		6020B	Total/NA
Lead	20.9		1.2	0.55	ug/L	2		6020B	Total/NA
Magnesium	55900		2000	737	ug/L	20		6020B	Total/NA
Manganese	826		8.0	2.9	ug/L	2		6020B	Total/NA
Nickel	5.8		4.0	2.4	ug/L	2		6020B	Total/NA
Potassium	68500		200	86.7	ug/L	2		6020B	Total/NA
Sodium	1400000		2000	1280	ug/L	20		6020B	Total/NA
Vanadium	6.9		4.0	1.1	ug/L	2		6020B	Total/NA
Zinc	58.0		16.0	11.1	ug/L	2		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: RX-6_0.5-2.5

Date Collected: 09/28/18 09:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-1

Matrix: Solid
Percent Solids: 72.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00015	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00021	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
1,4-Dioxane	0.027	U	0.027	0.012	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
2-Butanone (MEK)	0.0067	U	0.0067	0.0015	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
2-Hexanone	0.0067	U	0.0067	0.0010	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.00088	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Acetone	0.0067	U	0.0067	0.0050	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Benzene	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Bromomethane	0.0013	U	0.0013	0.00063	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Carbon tetrachloride	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chlorobromomethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chlorodibromomethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chloroform	0.0013	U	0.0013	0.00042	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00020	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Ethylbenzene	0.0013	U	0.0013	0.00026	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Ethylene Dibromide	0.0013	U	0.0013	0.00024	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Isopropylbenzene	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Methylcyclohexane	0.0013	U	0.0013	0.00021	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Methylene Chloride	**0.00025**	**J B**	0.0013	0.00022	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
n-Butylbenzene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
N-Propylbenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
o-Xylene	0.0013	U	0.0013	0.00013	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
sec-Butylbenzene	0.0013	U	0.0013	0.00012	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1

Client Sample ID: RX-6_0.5-2.5

Date Collected: 09/28/18 09:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-1

Matrix: Solid
Percent Solids: 72.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0013	U	0.0013	0.00016	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
tert-Butylbenzene	0.0013	U	0.0013	0.00017	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Tetrachloroethene	0.0013	U	0.0013	0.00019	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Toluene	0.0013	U	0.0013	0.00083	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Trichloroethene	**0.00040**	**J B**	0.0013	0.00019	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1
Xylenes, Total	0.0027	U	0.0027	0.00034	mg/Kg	☼	09/29/18 23:16	10/02/18 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*78 - 135*	*09/29/18 23:16*	*10/02/18 00:50*	*1*
4-Bromofluorobenzene	*105*		*67 - 126*	*09/29/18 23:16*	*10/02/18 00:50*	*1*
Dibromofluoromethane (Surr)	*111*		*61 - 149*	*09/29/18 23:16*	*10/02/18 00:50*	*1*
Toluene-d8 (Surr)	*94*		*73 - 121*	*09/29/18 23:16*	*10/02/18 00:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.46	U	0.46	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
1,2,4,5-Tetrachlorobenzene	0.46	U	0.46	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,2'-oxybis[1-chloropropane]	0.46	U	0.46	0.0083	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,3,4,6-Tetrachlorophenol	0.46	U	0.46	0.031	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4,5-Trichlorophenol	0.46	U	0.46	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4,6-Trichlorophenol	0.18	U	0.18	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4-Dichlorophenol	0.18	U	0.18	0.0097	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4-Dimethylphenol	0.46	U	0.46	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4-Dinitrophenol	0.37	U	0.37	0.22	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,4-Dinitrotoluene	0.093	U	0.093	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2,6-Dinitrotoluene	0.093	U	0.093	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Chloronaphthalene	0.46	U	0.46	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Chlorophenol	0.46	U	0.46	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Methylnaphthalene	0.46	U	0.46	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Methylphenol	0.46	U	0.46	0.0074	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Nitroaniline	0.46	U	0.46	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
2-Nitrophenol	0.46	U	0.46	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
3 & 4 Methylphenol	0.46	U	0.46	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.069	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
3-Nitroaniline	0.46	U	0.46	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4,6-Dinitro-2-methylphenol	0.37	U	0.37	0.074	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Bromophenyl phenyl ether	0.46	U	0.46	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Chloro-3-methylphenol	0.46	U	0.46	0.0076	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Chloroaniline	0.46	U	0.46	0.032	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Chlorophenyl phenyl ether	0.46	U	0.46	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Methylphenol	0.46	U	0.46	0.0078	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Nitroaniline	0.46	U	0.46	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
4-Nitrophenol	0.93	U	0.93	0.075	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Acenaphthene	0.46	U	0.46	0.033	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Acenaphthylene	**0.0089**	**J**	0.46	0.0047	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Acetophenone	0.46	U	0.46	0.0074	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1

Client Sample ID: RX-6_0.5-2.5

Date Collected: 09/28/18 09:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-1

Matrix: Solid
Percent Solids: 72.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.066**	**J**	0.46	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Atrazine	0.18	U	0.18	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzaldehyde	0.46	U	0.46	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzo[a]anthracene	**0.24**		0.046	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzo[a]pyrene	**0.22**		0.046	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzo[b]fluoranthene	**0.29**		0.046	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.46	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Benzo[k]fluoranthene	**0.10**		0.046	0.0090	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Bis(2-chloroethoxy)methane	0.46	U	0.46	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Bis(2-chloroethyl)ether	0.046	U *	0.046	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Bis(2-ethylhexyl) phthalate	0.46	U	0.46	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Butyl benzyl phthalate	0.46	U	0.46	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Caprolactam	0.46	U	0.46	0.027	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Carbazole	**0.017**	**J**	0.46	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Chrysene	**0.25**	**J**	0.46	0.0077	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Dibenz(a,h)anthracene	**0.041**	**J**	0.046	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Dibenzofuran	0.46	U	0.46	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Diethyl phthalate	0.46	U	0.46	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Dimethyl phthalate	0.46	U	0.46	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Di-n-butyl phthalate	0.46	U	0.46	0.081	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Di-n-octyl phthalate	0.46	U	0.46	0.024	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Fluoranthene	**0.46**		0.46	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Fluorene	**0.016**	**J**	0.46	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Hexachlorobenzene	0.046	U	0.046	0.0067	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Hexachlorobutadiene	0.093	U	0.093	0.0097	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Hexachlorocyclopentadiene	0.46	U	0.46	0.040	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Hexachloroethane	0.046	U *	0.046	0.0071	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Indeno[1,2,3-cd]pyrene	**0.16**		0.046	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Isophorone	0.18	U	0.18	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Naphthalene	0.46	U	0.46	0.0079	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Nitrobenzene	0.046	U *	0.046	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
N-Nitrosodi-n-propylamine	0.046	U	0.046	0.0073	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
N-Nitrosodiphenylamine	0.46	U	0.46	0.0088	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Pentachlorophenol	0.37	U	0.37	0.094	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Phenanthrene	**0.30**	**J**	0.46	0.0080	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Phenol	0.46	U	0.46	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1
Pyrene	**0.48**		0.46	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 103*	*09/29/18 16:09*	*09/30/18 22:01*	*1*
2-Fluorobiphenyl	*55*		*38 - 95*	*09/29/18 16:09*	*09/30/18 22:01*	*1*
2-Fluorophenol (Surr)	*56*		*25 - 92*	*09/29/18 16:09*	*09/30/18 22:01*	*1*
Nitrobenzene-d5 (Surr)	*56*		*37 - 94*	*09/29/18 16:09*	*09/30/18 22:01*	*1*
Phenol-d5 (Surr)	*53*		*32 - 91*	*09/29/18 16:09*	*09/30/18 22:01*	*1*
Terphenyl-d14 (Surr)	*59*		*24 - 109*	*09/29/18 16:09*	*09/30/18 22:01*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7270**		23.5	8.0	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Antimony	**0.35**	**J**	1.2	0.34	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20

Client Sample ID: RX-6_0.5-2.5

Lab Sample ID: 460-165685-1

Date Collected: 09/28/18 09:15
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 72.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.2	0.38	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Barium	105		2.3	0.78	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Beryllium	0.29	J	0.47	0.19	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Cadmium	1.4		1.2	0.39	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Calcium	14900		117	34.9	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Chromium	15.3		2.3	0.70	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Cobalt	4.9		2.3	0.71	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Copper	72.5		2.3	0.67	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Iron	12200		70.4	24.6	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Lead	345		0.70	0.22	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Magnesium	10400		117	32.6	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Manganese	221		4.7	1.4	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Nickel	13.0		2.3	0.76	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Potassium	1590		117	42.2	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Selenium	5.9	U	5.9	0.34	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Silver	1.8		1.2	0.73	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Sodium	367		117	36.7	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Thallium	0.47	U	0.47	0.15	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Vanadium	30.8		2.3	0.67	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20
Zinc	298		9.4	4.6	mg/Kg	☼	10/03/18 16:56	10/04/18 13:23	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.021	0.013	mg/Kg	☼	10/03/18 04:31	10/03/18 10:21	1

Client Sample ID: RX-6_9.0-11.0

Lab Sample ID: 460-165685-2

Date Collected: 09/28/18 09:30
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 86.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00021	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00020	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.000089	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2,4-Trimethylbenzene	0.00096	U	0.00096	0.000091	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00014	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00029	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,3,5-Trimethylbenzene	0.00096	U	0.00096	0.00011	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00015	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.000096	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
1,4-Dioxane	0.019	U	0.019	0.0088	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
2-Butanone (MEK)	0.0048	U	0.0048	0.0011	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
2-Hexanone	0.0048	U	0.0048	0.00075	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1

Client Sample ID: RX-6_9.0-11.0

Date Collected: 09/28/18 09:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-2

Matrix: Solid
Percent Solids: 86.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.00064	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Acetone	**0.014**		0.0048	0.0037	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Benzene	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Bromomethane	0.00096	U	0.00096	0.00046	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Carbon disulfide	**0.00035**	**J**	0.00096	0.00026	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Carbon tetrachloride	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chlorobenzene	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chlorobromomethane	0.00096	U	0.00096	0.00027	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chlorodibromomethane	0.00096	U	0.00096	0.00019	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chloroform	0.00096	U	0.00096	0.00031	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00015	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Ethylbenzene	0.00096	U	0.00096	0.00019	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Ethylene Dibromide	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Isopropylbenzene	0.00096	U	0.00096	0.00012	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00012	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Methylcyclohexane	0.00096	U	0.00096	0.00015	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Methylene Chloride	**0.00021**	**J B**	0.00096	0.00016	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
m-Xylene & p-Xylene	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
n-Butylbenzene	0.00096	U	0.00096	0.00014	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
N-Propylbenzene	0.00096	U	0.00096	0.00017	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
o-Xylene	0.00096	U	0.00096	0.000092	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
sec-Butylbenzene	0.00096	U	0.00096	0.000085	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Styrene	0.00096	U	0.00096	0.00012	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
tert-Butylbenzene	0.00096	U	0.00096	0.00012	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Tetrachloroethene	0.00096	U	0.00096	0.00014	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Toluene	0.00096	U	0.00096	0.00060	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Trichloroethene	0.00096	U	0.00096	0.00014	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1
Xylenes, Total	0.0019	U	0.0019	0.00024	mg/Kg	☼	09/29/18 23:17	10/01/18 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 135*	*09/29/18 23:17*	*10/01/18 13:44*	*1*
4-Bromofluorobenzene	*108*		*67 - 126*	*09/29/18 23:17*	*10/01/18 13:44*	*1*
Dibromofluoromethane (Surr)	*111*		*61 - 149*	*09/29/18 23:17*	*10/01/18 13:44*	*1*
Toluene-d8 (Surr)	*95*		*73 - 121*	*09/29/18 23:17*	*10/01/18 13:44*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1

Client Sample ID: RX-6_9.0-11.0

Date Collected: 09/28/18 09:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-2

Matrix: Solid
Percent Solids: 86.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4-Dichlorophenol	0.15	U	0.15	0.0081	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,4-Dinitrotoluene	0.078	U	0.078	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2,6-Dinitrotoluene	0.078	U	0.078	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Chlorophenol	0.38	U	0.38	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Methylnaphthalene	0.38	U	0.38	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Methylphenol	0.38	U	0.38	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
2-Nitrophenol	0.38	U	0.38	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
3 & 4 Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
3-Nitroaniline	0.38	U	0.38	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.0064	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Chloroaniline	0.38	U	0.38	0.027	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
4-Nitrophenol	0.78	U	0.78	0.062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Acenaphthene	0.38	U	0.38	0.028	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Acenaphthylene	0.38	U	0.38	0.0040	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Acetophenone	0.38	U	0.38	0.0062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Anthracene	**0.030**	**J**	0.38	0.0043	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Atrazine	0.15	U	0.15	0.0097	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzaldehyde	0.38	U	0.38	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzo[a]anthracene	**0.080**		0.038	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzo[a]pyrene	**0.067**		0.038	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzo[b]fluoranthene	**0.087**		0.038	0.0099	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzo[g,h,i]perylene	**0.044**	**J**	0.38	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Benzo[k]fluoranthene	**0.031**	**J**	0.038	0.0075	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Bis(2-chloroethyl)ether	0.038	U *	0.038	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Caprolactam	0.38	U	0.38	0.023	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Carbazole	**0.013**	**J**	0.38	0.0045	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Chrysene	**0.071**	**J**	0.38	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.017	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Dibenzofuran	0.38	U	0.38	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Diethyl phthalate	0.38	U	0.38	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Dimethyl phthalate	0.38	U	0.38	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1

Client Sample ID: RX-6_9.0-11.0

Date Collected: 09/28/18 09:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-2

Matrix: Solid
Percent Solids: 86.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.38	U	0.38	0.068	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Fluoranthene	**0.15**	**J**	0.38	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Fluorene	**0.013**	**J**	0.38	0.0052	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Hexachlorobenzene	0.038	U	0.038	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Hexachloroethane	0.038	U *	0.038	0.0059	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Indeno[1,2,3-cd]pyrene	**0.046**		0.038	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Isophorone	0.15	U	0.15	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Nitrobenzene	0.038	U *	0.038	0.0092	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0073	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Phenanthrene	**0.12**	**J**	0.38	0.0067	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Phenol	0.38	U	0.38	0.0057	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1
Pyrene	**0.16**	**J**	0.38	0.0095	mg/Kg	☼	09/29/18 16:09	09/30/18 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 103*	*09/29/18 16:09*	*09/30/18 22:25*	*1*
2-Fluorobiphenyl	*57*		*38 - 95*	*09/29/18 16:09*	*09/30/18 22:25*	*1*
2-Fluorophenol (Surr)	*66*		*25 - 92*	*09/29/18 16:09*	*09/30/18 22:25*	*1*
Nitrobenzene-d5 (Surr)	*62*		*37 - 94*	*09/29/18 16:09*	*09/30/18 22:25*	*1*
Phenol-d5 (Surr)	*63*		*32 - 91*	*09/29/18 16:09*	*09/30/18 22:25*	*1*
Terphenyl-d14 (Surr)	*60*		*24 - 109*	*09/29/18 16:09*	*09/30/18 22:25*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8270**		21.5	7.4	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Antimony	1.1	U	1.1	0.31	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Arsenic	**1.3**		1.1	0.34	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Barium	**31.6**		2.1	0.71	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Beryllium	**0.37**	**J**	0.43	0.17	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Cadmium	1.1	U	1.1	0.36	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Calcium	**39400**		107	31.9	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Chromium	**13.5**		2.1	0.64	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Cobalt	**5.6**		2.1	0.65	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Copper	**12.7**		2.1	0.62	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Iron	**13000**		64.4	22.5	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Lead	**8.0**		0.64	0.20	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Magnesium	**24700**		107	29.9	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Manganese	**185**		4.3	1.3	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Nickel	**13.1**		2.1	0.70	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Potassium	**2490**		107	38.7	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Selenium	5.4	U	5.4	0.31	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Silver	1.1	U	1.1	0.66	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Sodium	**432**		107	33.6	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Thallium	0.43	U	0.43	0.13	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20
Vanadium	**15.7**		2.1	0.61	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20

Client Sample ID: RX-6_9.0-11.0

Lab Sample ID: 460-165685-2

Date Collected: 09/28/18 09:30
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 86.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**35.3**		8.6	4.2	mg/Kg	☼	10/03/18 16:56	10/04/18 13:26	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.011	mg/Kg	☼	10/03/18 04:31	10/03/18 10:23	1

Client Sample ID: RX-6_14.0-16.0

Lab Sample ID: 460-165685-3

Date Collected: 09/28/18 09:45
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 80.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00011	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00012	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00018	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00014	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00020	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00012	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
1,4-Dioxane	0.025	U	0.025	0.011	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
2-Butanone (MEK)	**0.0035**	**J**	0.0062	0.0014	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
2-Hexanone	0.0062	U	0.0062	0.00096	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.00082	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Acetone	**0.012**		0.0062	0.0047	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Bromomethane	0.0012	U	0.0012	0.00058	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Carbon tetrachloride	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chlorobromomethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chloroform	0.0012	U	0.0012	0.00039	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00019	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Ethylbenzene	0.0012	U	0.0012	0.00025	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1

Client Sample ID: RX-6_14.0-16.0

Date Collected: 09/28/18 09:45
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-3

Matrix: Solid
Percent Solids: 80.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Isopropylbenzene	0.0012	U	0.0012	0.00016	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00015	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Methylcyclohexane	0.0012	U	0.0012	0.00020	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Methylene Chloride	0.0012	U	0.0012	0.00020	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
n-Butylbenzene	0.0012	U	0.0012	0.00017	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
N-Propylbenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
o-Xylene	0.0012	U	0.0012	0.00012	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
sec-Butylbenzene	0.0012	U	0.0012	0.00011	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Styrene	0.0012	U	0.0012	0.00015	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
tert-Butylbenzene	0.0012	U	0.0012	0.00015	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Tetrachloroethene	0.0012	U	0.0012	0.00018	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Toluene	0.0012	U	0.0012	0.00077	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Trichloroethene	**0.00026**	**J B**	0.0012	0.00018	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1
Xylenes, Total	0.0025	U	0.0025	0.00031	mg/Kg	☼	09/29/18 23:18	10/02/18 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 135*	*09/29/18 23:18*	*10/02/18 01:14*	*1*
4-Bromofluorobenzene	*107*		*67 - 126*	*09/29/18 23:18*	*10/02/18 01:14*	*1*
Dibromofluoromethane (Surr)	*111*		*61 - 149*	*09/29/18 23:18*	*10/02/18 01:14*	*1*
Toluene-d8 (Surr)	*93*		*73 - 121*	*09/29/18 23:18*	*10/02/18 01:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.41	U	0.41	0.0055	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
1,2,4,5-Tetrachlorobenzene	0.41	U	0.41	0.0054	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0074	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,3,4,6-Tetrachlorophenol	0.41	U	0.41	0.028	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4,5-Trichlorophenol	0.41	U	0.41	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4,6-Trichlorophenol	0.17	U	0.17	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4-Dichlorophenol	0.17	U	0.17	0.0087	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4-Dimethylphenol	0.41	U	0.41	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4-Dinitrophenol	0.33	U	0.33	0.20	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,4-Dinitrotoluene	0.083	U	0.083	0.021	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2,6-Dinitrotoluene	0.083	U	0.083	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Chloronaphthalene	0.41	U	0.41	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Chlorophenol	0.41	U	0.41	0.0058	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Methylnaphthalene	0.41	U	0.41	0.0051	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Methylphenol	0.41	U	0.41	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Nitroaniline	0.41	U	0.41	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
2-Nitrophenol	0.41	U	0.41	0.013	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
3 & 4 Methylphenol	0.41	U	0.41	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.062	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
3-Nitroaniline	0.41	U	0.41	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1

Client Sample ID: RX-6_14.0-16.0

Date Collected: 09/28/18 09:45
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-3

Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.067	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Bromophenyl phenyl ether	0.41	U	0.41	0.0053	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Chloro-3-methylphenol	0.41	U	0.41	0.0068	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Chloroaniline	0.41	U	0.41	0.029	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Chlorophenyl phenyl ether	0.41	U	0.41	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Methylphenol	0.41	U	0.41	0.0070	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Nitroaniline	0.41	U	0.41	0.015	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
4-Nitrophenol	0.83	U	0.83	0.067	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Acenaphthene	0.41	U	0.41	0.030	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Acenaphthylene	0.41	U	0.41	0.0042	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Acetophenone	0.41	U	0.41	0.0066	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Anthracene	0.41	U	0.41	0.0046	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Atrazine	0.17	U	0.17	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzaldehyde	0.41	U	0.41	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzo[a]anthracene	0.041	U	0.041	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzo[a]pyrene	0.041	U	0.041	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzo[b]fluoranthene	0.041	U	0.041	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzo[g,h,i]perylene	0.41	U	0.41	0.012	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Benzo[k]fluoranthene	0.041	U	0.041	0.0081	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Bis(2-chloroethoxy)methane	0.41	U	0.41	0.014	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Bis(2-chloroethyl)ether	0.041	U *	0.041	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Butyl benzyl phthalate	0.41	U	0.41	0.019	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Caprolactam	0.41	U	0.41	0.025	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Carbazole	0.41	U	0.41	0.0048	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Chrysene	0.41	U	0.41	0.0069	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Dibenz(a,h)anthracene	0.041	U	0.041	0.018	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Dibenzofuran	0.41	U	0.41	0.0058	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Diethyl phthalate	0.41	U	0.41	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Dimethyl phthalate	0.41	U	0.41	0.0050	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Di-n-butyl phthalate	0.41	U	0.41	0.073	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Di-n-octyl phthalate	0.41	U	0.41	0.022	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Fluoranthene	0.41	U	0.41	0.0053	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Fluorene	0.41	U	0.41	0.0056	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Hexachlorobenzene	0.041	U	0.041	0.0060	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Hexachlorobutadiene	0.083	U	0.083	0.0087	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Hexachlorocyclopentadiene	0.41	U	0.41	0.036	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Hexachloroethane	0.041	U *	0.041	0.0063	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Indeno[1,2,3-cd]pyrene	0.041	U	0.041	0.016	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Isophorone	0.17	U	0.17	0.011	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Naphthalene	0.41	U	0.41	0.0071	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Nitrobenzene	0.041	U *	0.041	0.0099	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
N-Nitrosodi-n-propylamine	0.041	U	0.041	0.0065	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
N-Nitrosodiphenylamine	0.41	U	0.41	0.0079	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Pentachlorophenol	0.33	U	0.33	0.084	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Phenanthrene	0.41	U	0.41	0.0072	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Phenol	0.41	U	0.41	0.0061	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1
Pyrene	0.41	U	0.41	0.010	mg/Kg	☼	09/29/18 16:09	09/30/18 22:49	1

Client Sample ID: RX-6_14.0-16.0

Lab Sample ID: 460-165685-3

Date Collected: 09/28/18 09:45
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 80.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		10 - 103	09/29/18 16:09	09/30/18 22:49	1
2-Fluorobiphenyl	47		38 - 95	09/29/18 16:09	09/30/18 22:49	1
2-Fluorophenol (Surr)	57		25 - 92	09/29/18 16:09	09/30/18 22:49	1
Nitrobenzene-d5 (Surr)	49		37 - 94	09/29/18 16:09	09/30/18 22:49	1
Phenol-d5 (Surr)	53		32 - 91	09/29/18 16:09	09/30/18 22:49	1
Terphenyl-d14 (Surr)	55		24 - 109	09/29/18 16:09	09/30/18 22:49	1

Client Sample ID: RX-6

Lab Sample ID: 460-165685-4

Date Collected: 09/28/18 09:00
Date Received: 09/28/18 20:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/03/18 18:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/03/18 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/03/18 18:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/03/18 18:55	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/03/18 18:55	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/03/18 18:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:55	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/03/18 18:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:55	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:55	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/03/18 18:55	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/03/18 18:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/03/18 18:55	1
1,4-Dioxane	50	U	50	28	ug/L			10/03/18 18:55	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/03/18 18:55	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/03/18 18:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/03/18 18:55	1
Acetone	5.0	U	5.0	5.0	ug/L			10/03/18 18:55	1
Benzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:55	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/03/18 18:55	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/03/18 18:55	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/03/18 18:55	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/03/18 18:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/03/18 18:55	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/03/18 18:55	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/03/18 18:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/03/18 18:55	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/03/18 18:55	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/03/18 18:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/03/18 18:55	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/03/18 18:55	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/03/18 18:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/03/18 18:55	1

Client Sample ID: RX-6

Date Collected: 09/28/18 09:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/03/18 18:55	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/03/18 18:55	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:55	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/03/18 18:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/03/18 18:55	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/03/18 18:55	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/03/18 18:55	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/03/18 18:55	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:55	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:55	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/03/18 18:55	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:55	1
Styrene	1.0	U	1.0	0.42	ug/L			10/03/18 18:55	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:55	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/03/18 18:55	1
Toluene	1.0	U	1.0	0.38	ug/L			10/03/18 18:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/03/18 18:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/03/18 18:55	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/03/18 18:55	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:55	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/03/18 18:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/03/18 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 132*		*10/03/18 18:55*	*1*
4-Bromofluorobenzene	*95*		*77 - 124*		*10/03/18 18:55*	*1*
Dibromofluoromethane (Surr)	*110*		*72 - 131*		*10/03/18 18:55*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/03/18 18:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 20:39	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/29/18 16:20	09/30/18 20:39	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Methylphenol	10	U	10	0.26	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/29/18 16:20	09/30/18 20:39	1
2-Nitrophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 20:39	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 20:39	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 20:39	1

Client Sample ID: RX-6

Date Collected: 09/28/18 09:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	10	U	10	0.96	ug/L		09/29/18 16:20	09/30/18 20:39	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Methylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/29/18 16:20	09/30/18 20:39	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/29/18 16:20	09/30/18 20:39	1
Acenaphthene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 20:39	1
Acenaphthylene	10	U	10	0.82	ug/L		09/29/18 16:20	09/30/18 20:39	1
Acetophenone	10	U	10	0.79	ug/L		09/29/18 16:20	09/30/18 20:39	1
Anthracene	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 20:39	1
Atrazine	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzaldehyde	10	U	10	0.59	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 20:39	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/29/18 16:20	09/30/18 20:39	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 20:39	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/29/18 16:20	09/30/18 20:39	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/29/18 16:20	09/30/18 20:39	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/29/18 16:20	09/30/18 20:39	1
Caprolactam	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 20:39	1
Carbazole	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 20:39	1
Chrysene	2.0	U	2.0	0.91	ug/L		09/29/18 16:20	09/30/18 20:39	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/29/18 16:20	09/30/18 20:39	1
Dibenzofuran	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 20:39	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/29/18 16:20	09/30/18 20:39	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/29/18 16:20	09/30/18 20:39	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 20:39	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		09/29/18 16:20	09/30/18 20:39	1
Fluoranthene	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 20:39	1
Fluorene	10	U	10	0.91	ug/L		09/29/18 16:20	09/30/18 20:39	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/29/18 16:20	09/30/18 20:39	1
Hexachlorobutadiene	1.0	U *	1.0	0.78	ug/L		09/29/18 16:20	09/30/18 20:39	1
Hexachlorocyclopentadiene	10	U *	10	1.7	ug/L		09/29/18 16:20	09/30/18 20:39	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/29/18 16:20	09/30/18 20:39	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 20:39	1
Isophorone	10	U	10	0.80	ug/L		09/29/18 16:20	09/30/18 20:39	1
Naphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 20:39	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/29/18 16:20	09/30/18 20:39	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/29/18 16:20	09/30/18 20:39	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/29/18 16:20	09/30/18 20:39	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/29/18 16:20	09/30/18 20:39	1
Phenanthrene	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 20:39	1
Phenol	10	U	10	0.29	ug/L		09/29/18 16:20	09/30/18 20:39	1
Pyrene	10	U	10	1.6	ug/L		09/29/18 16:20	09/30/18 20:39	1

Client Sample ID: RX-6

Lab Sample ID: 460-165685-4

Date Collected: 09/28/18 09:00
Matrix: Water
Date Received: 09/28/18 20:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*26 - 139*	*09/29/18 16:20*	*09/30/18 20:39*	*1*
2-Fluorobiphenyl	*49*		*45 - 107*	*09/29/18 16:20*	*09/30/18 20:39*	*1*
2-Fluorophenol (Surr)	*27*		*25 - 58*	*09/29/18 16:20*	*09/30/18 20:39*	*1*
Nitrobenzene-d5 (Surr)	*61*		*51 - 108*	*09/29/18 16:20*	*09/30/18 20:39*	*1*
Phenol-d5 (Surr)	*17*		*14 - 39*	*09/29/18 16:20*	*09/30/18 20:39*	*1*
Terphenyl-d14 (Surr)	*54*		*40 - 148*	*09/29/18 16:20*	*09/30/18 20:39*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**470**		400	188	ug/L		10/03/18 19:55	10/04/18 16:41	20
Antimony	**0.91**	**J**	2.0	0.62	ug/L		10/03/18 19:55	10/04/18 15:13	2
Arsenic	2.0	U	2.0	0.73	ug/L		10/03/18 19:55	10/04/18 15:13	2
Barium	**536**		4.0	1.2	ug/L		10/03/18 19:55	10/04/18 15:13	2
Beryllium	0.80	U	0.80	0.25	ug/L		10/03/18 19:55	10/04/18 15:13	2
Cadmium	2.0	U	2.0	0.81	ug/L		10/03/18 19:55	10/04/18 15:13	2
Calcium	**185000**		200	67.6	ug/L		10/03/18 19:55	10/04/18 15:13	2
Chromium	4.0	U	4.0	2.3	ug/L		10/03/18 19:55	10/04/18 15:13	2
Cobalt	4.0	U	4.0	1.6	ug/L		10/03/18 19:55	10/04/18 15:13	2
Copper	**3.3**	**J**	4.0	2.0	ug/L		10/03/18 19:55	10/04/18 15:13	2
Iron	**3570**		120	51.1	ug/L		10/03/18 19:55	10/04/18 15:13	2
Lead	**9.7**		1.2	0.55	ug/L		10/03/18 19:55	10/04/18 15:13	2
Magnesium	**137000**		2000	737	ug/L		10/03/18 19:55	10/04/18 16:41	20
Manganese	**645**		8.0	2.9	ug/L		10/03/18 19:55	10/04/18 15:13	2
Nickel	**3.0**	**J**	4.0	2.4	ug/L		10/03/18 19:55	10/04/18 15:13	2
Potassium	**52300**		200	86.7	ug/L		10/03/18 19:55	10/04/18 15:13	2
Selenium	10.0	U	10.0	5.4	ug/L		10/03/18 19:55	10/04/18 15:13	2
Silver	2.0	U	2.0	0.59	ug/L		10/03/18 19:55	10/04/18 15:13	2
Sodium	**1380000**		2000	1280	ug/L		10/03/18 19:55	10/04/18 16:41	20
Thallium	0.80	U	0.80	0.16	ug/L		10/03/18 19:55	10/04/18 15:13	2
Vanadium	**2.6**	**J**	4.0	1.1	ug/L		10/03/18 19:55	10/04/18 15:13	2
Zinc	**16.8**		16.0	11.1	ug/L		10/03/18 19:55	10/04/18 15:13	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/04/18 11:38	10/04/18 13:43	1

Client Sample ID: FB-20180928

Lab Sample ID: 460-165685-5

Date Collected: 09/28/18 10:00
Matrix: Water
Date Received: 09/28/18 20:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/03/18 17:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/03/18 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/03/18 17:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 17:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/03/18 17:35	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/03/18 17:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/03/18 17:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/03/18 17:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 17:35	1

Client Sample ID: FB-20180928

Lab Sample ID: 460-165685-5

Date Collected: 09/28/18 10:00

Matrix: Water

Date Received: 09/28/18 20:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/03/18 17:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/03/18 17:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 17:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/03/18 17:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/03/18 17:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/03/18 17:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/03/18 17:35	1
1,4-Dioxane	50	U	50	28	ug/L			10/03/18 17:35	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/03/18 17:35	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/03/18 17:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/03/18 17:35	1
Acetone	5.0	U	5.0	5.0	ug/L			10/03/18 17:35	1
Benzene	1.0	U	1.0	0.43	ug/L			10/03/18 17:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/03/18 17:35	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/03/18 17:35	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/03/18 17:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/03/18 17:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/03/18 17:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/03/18 17:35	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/03/18 17:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/03/18 17:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/03/18 17:35	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/03/18 17:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/03/18 17:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/03/18 17:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/03/18 17:35	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/03/18 17:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/03/18 17:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/03/18 17:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/03/18 17:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 17:35	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/03/18 17:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/03/18 17:35	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/03/18 17:35	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/03/18 17:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/03/18 17:35	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 17:35	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 17:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/03/18 17:35	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 17:35	1
Styrene	1.0	U	1.0	0.42	ug/L			10/03/18 17:35	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 17:35	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/03/18 17:35	1
Toluene	1.0	U	1.0	0.38	ug/L			10/03/18 17:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/03/18 17:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/03/18 17:35	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/03/18 17:35	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/03/18 17:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/03/18 17:35	1

Client Sample ID: FB-20180928

Date Collected: 09/28/18 10:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/03/18 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*74 - 132*		*10/03/18 17:35*	*1*
4-Bromofluorobenzene	*95*		*77 - 124*		*10/03/18 17:35*	*1*
Dibromofluoromethane (Surr)	*111*		*72 - 131*		*10/03/18 17:35*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/03/18 17:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:00	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/29/18 16:20	09/30/18 21:00	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Methylphenol	10	U	10	0.26	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/29/18 16:20	09/30/18 21:00	1
2-Nitrophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:00	1
3 & 4 Methylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:00	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:00	1
3-Nitroaniline	10	U	10	0.96	ug/L		09/29/18 16:20	09/30/18 21:00	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Methylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/29/18 16:20	09/30/18 21:00	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/29/18 16:20	09/30/18 21:00	1
Acenaphthene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:00	1
Acenaphthylene	10	U	10	0.82	ug/L		09/29/18 16:20	09/30/18 21:00	1
Acetophenone	10	U	10	0.79	ug/L		09/29/18 16:20	09/30/18 21:00	1
Anthracene	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:00	1
Atrazine	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzaldehyde	10	U	10	0.59	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:00	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/29/18 16:20	09/30/18 21:00	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:00	1

Client Sample ID: FB-20180928

Date Collected: 09/28/18 10:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-5

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/29/18 16:20	09/30/18 21:00	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/29/18 16:20	09/30/18 21:00	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/29/18 16:20	09/30/18 21:00	1
Caprolactam	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:00	1
Carbazole	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:00	1
Chrysene	2.0	U	2.0	0.91	ug/L		09/29/18 16:20	09/30/18 21:00	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/29/18 16:20	09/30/18 21:00	1
Dibenzofuran	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:00	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/29/18 16:20	09/30/18 21:00	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/29/18 16:20	09/30/18 21:00	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 21:00	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		09/29/18 16:20	09/30/18 21:00	1
Fluoranthene	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 21:00	1
Fluorene	10	U	10	0.91	ug/L		09/29/18 16:20	09/30/18 21:00	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/29/18 16:20	09/30/18 21:00	1
Hexachlorobutadiene	1.0	U *	1.0	0.78	ug/L		09/29/18 16:20	09/30/18 21:00	1
Hexachlorocyclopentadiene	10	U *	10	1.7	ug/L		09/29/18 16:20	09/30/18 21:00	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/29/18 16:20	09/30/18 21:00	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:00	1
Isophorone	10	U	10	0.80	ug/L		09/29/18 16:20	09/30/18 21:00	1
Naphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:00	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/29/18 16:20	09/30/18 21:00	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/29/18 16:20	09/30/18 21:00	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/29/18 16:20	09/30/18 21:00	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/29/18 16:20	09/30/18 21:00	1
Phenanthrene	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:00	1
Phenol	10	U	10	0.29	ug/L		09/29/18 16:20	09/30/18 21:00	1
Pyrene	10	U	10	1.6	ug/L		09/29/18 16:20	09/30/18 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*26 - 139*	*09/29/18 16:20*	*09/30/18 21:00*	*1*
2-Fluorobiphenyl	*71*		*45 - 107*	*09/29/18 16:20*	*09/30/18 21:00*	*1*
2-Fluorophenol (Surr)	*37*		*25 - 58*	*09/29/18 16:20*	*09/30/18 21:00*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 108*	*09/29/18 16:20*	*09/30/18 21:00*	*1*
Phenol-d5 (Surr)	*23*		*14 - 39*	*09/29/18 16:20*	*09/30/18 21:00*	*1*
Terphenyl-d14 (Surr)	*78*		*40 - 148*	*09/29/18 16:20*	*09/30/18 21:00*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22.0**	**J**	40.0	18.8	ug/L		10/03/18 19:55	10/04/18 16:32	2
Antimony	2.0	U	2.0	0.62	ug/L		10/03/18 19:55	10/04/18 16:32	2
Arsenic	2.0	U	2.0	0.73	ug/L		10/03/18 19:55	10/04/18 15:05	2
Barium	4.0	U	4.0	1.2	ug/L		10/03/18 19:55	10/04/18 15:05	2
Beryllium	0.80	U	0.80	0.25	ug/L		10/03/18 19:55	10/04/18 15:05	2
Cadmium	2.0	U	2.0	0.81	ug/L		10/03/18 19:55	10/04/18 15:05	2
Calcium	**217**		200	67.6	ug/L		10/03/18 19:55	10/04/18 16:32	2
Chromium	4.0	U	4.0	2.3	ug/L		10/03/18 19:55	10/04/18 15:05	2
Cobalt	4.0	U	4.0	1.6	ug/L		10/03/18 19:55	10/04/18 15:05	2
Copper	4.0	U	4.0	2.0	ug/L		10/03/18 19:55	10/04/18 15:05	2
Iron	120	U	120	51.1	ug/L		10/03/18 19:55	10/04/18 15:05	2

Client Sample ID: FB-20180928

Lab Sample ID: 460-165685-5

Date Collected: 09/28/18 10:00
Date Received: 09/28/18 20:00

Matrix: Water

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.55	ug/L		10/03/18 19:55	10/04/18 15:05	2
Magnesium	200	U	200	73.7	ug/L		10/03/18 19:55	10/04/18 16:32	2
Manganese	8.0	U	8.0	2.9	ug/L		10/03/18 19:55	10/04/18 15:05	2
Nickel	4.0	U	4.0	2.4	ug/L		10/03/18 19:55	10/04/18 15:05	2
Potassium	200	U	200	86.7	ug/L		10/03/18 19:55	10/04/18 15:05	2
Selenium	10.0	U	10.0	5.4	ug/L		10/03/18 19:55	10/04/18 15:05	2
Silver	2.0	U	2.0	0.59	ug/L		10/03/18 19:55	10/04/18 15:05	2
Sodium	**673**		200	128	ug/L		10/03/18 19:55	10/04/18 16:32	2
Thallium	0.80	U	0.80	0.16	ug/L		10/03/18 19:55	10/04/18 15:05	2
Vanadium	4.0	U	4.0	1.1	ug/L		10/03/18 19:55	10/04/18 15:05	2
Zinc	16.0	U	16.0	11.1	ug/L		10/03/18 19:55	10/04/18 15:05	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/04/18 11:38	10/04/18 13:45	1

Client Sample ID: RX-4

Lab Sample ID: 460-165685-6

Date Collected: 09/28/18 14:00
Date Received: 09/28/18 20:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/03/18 18:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/03/18 18:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/03/18 18:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/03/18 18:28	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/03/18 18:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/03/18 18:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:28	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/03/18 18:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/03/18 18:28	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/03/18 18:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/03/18 18:28	1
1,4-Dioxane	50	U	50	28	ug/L			10/03/18 18:28	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/03/18 18:28	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/03/18 18:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/03/18 18:28	1
Acetone	**12**		5.0	5.0	ug/L			10/03/18 18:28	1
Benzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/03/18 18:28	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/03/18 18:28	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/03/18 18:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/03/18 18:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/03/18 18:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/03/18 18:28	1

Client Sample ID: RX-4

Date Collected: 09/28/18 14:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/03/18 18:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/03/18 18:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/03/18 18:28	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/03/18 18:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/03/18 18:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/03/18 18:28	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/03/18 18:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/03/18 18:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/03/18 18:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/03/18 18:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:28	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/03/18 18:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/03/18 18:28	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/03/18 18:28	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/03/18 18:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/03/18 18:28	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:28	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/03/18 18:28	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:28	1
Styrene	1.0	U	1.0	0.42	ug/L			10/03/18 18:28	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:28	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/03/18 18:28	1
Toluene	1.0	U	1.0	0.38	ug/L			10/03/18 18:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/03/18 18:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/03/18 18:28	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/03/18 18:28	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:28	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/03/18 18:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/03/18 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 132*		*10/03/18 18:28*	*1*
4-Bromofluorobenzene	*94*		*77 - 124*		*10/03/18 18:28*	*1*
Dibromofluoromethane (Surr)	*111*		*72 - 131*		*10/03/18 18:28*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/03/18 18:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:21	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/29/18 16:20	09/30/18 21:21	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/29/18 16:20	09/30/18 21:21	1

Client Sample ID: RX-4

Date Collected: 09/28/18 14:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-6

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Methylphenol	10	U	10	0.26	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/29/18 16:20	09/30/18 21:21	1
2-Nitrophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:21	1
3 & 4 Methylphenol	**4.1**	**J**	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:21	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:21	1
3-Nitroaniline	10	U	10	0.96	ug/L		09/29/18 16:20	09/30/18 21:21	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Methylphenol	**4.1**	**J**	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/29/18 16:20	09/30/18 21:21	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/29/18 16:20	09/30/18 21:21	1
Acenaphthene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:21	1
Acenaphthylene	10	U	10	0.82	ug/L		09/29/18 16:20	09/30/18 21:21	1
Acetophenone	10	U	10	0.79	ug/L		09/29/18 16:20	09/30/18 21:21	1
Anthracene	**2.8**	**J**	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:21	1
Atrazine	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzaldehyde	10	U	10	0.59	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzo[a]anthracene	**6.7**		1.0	0.59	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzo[a]pyrene	**6.2**		1.0	0.41	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzo[b]fluoranthene	**8.0**		2.0	1.1	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzo[g,h,i]perylene	**3.5**	**J**	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:21	1
Benzo[k]fluoranthene	**3.1**		1.0	0.67	ug/L		09/29/18 16:20	09/30/18 21:21	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:21	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/29/18 16:20	09/30/18 21:21	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/29/18 16:20	09/30/18 21:21	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/29/18 16:20	09/30/18 21:21	1
Caprolactam	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:21	1
Carbazole	**5.0**	**J**	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:21	1
Chrysene	**6.3**		2.0	0.91	ug/L		09/29/18 16:20	09/30/18 21:21	1
Dibenz(a,h)anthracene	**0.74**	**J**	1.0	0.72	ug/L		09/29/18 16:20	09/30/18 21:21	1
Dibenzofuran	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:21	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/29/18 16:20	09/30/18 21:21	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/29/18 16:20	09/30/18 21:21	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 21:21	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		09/29/18 16:20	09/30/18 21:21	1
Fluoranthene	**13**		10	0.84	ug/L		09/29/18 16:20	09/30/18 21:21	1
Fluorene	**1.3**	**J**	10	0.91	ug/L		09/29/18 16:20	09/30/18 21:21	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/29/18 16:20	09/30/18 21:21	1
Hexachlorobutadiene	1.0	U *	1.0	0.78	ug/L		09/29/18 16:20	09/30/18 21:21	1
Hexachlorocyclopentadiene	10	U *	10	1.7	ug/L		09/29/18 16:20	09/30/18 21:21	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/29/18 16:20	09/30/18 21:21	1
Indeno[1,2,3-cd]pyrene	**3.7**		2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:21	1

Client Sample ID: RX-4

Date Collected: 09/28/18 14:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-6

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	10	U	10	0.80	ug/L		09/29/18 16:20	09/30/18 21:21	1
Naphthalene	**3.4**	**J**	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:21	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/29/18 16:20	09/30/18 21:21	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/29/18 16:20	09/30/18 21:21	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/29/18 16:20	09/30/18 21:21	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/29/18 16:20	09/30/18 21:21	1
Phenanthrene	**9.9**	**J**	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:21	1
Phenol	**2.3**	**J**	10	0.29	ug/L		09/29/18 16:20	09/30/18 21:21	1
Pyrene	**13**		10	1.6	ug/L		09/29/18 16:20	09/30/18 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*26 - 139*	*09/29/18 16:20*	*09/30/18 21:21*	*1*
2-Fluorobiphenyl	*52*		*45 - 107*	*09/29/18 16:20*	*09/30/18 21:21*	*1*
2-Fluorophenol (Surr)	*29*		*25 - 58*	*09/29/18 16:20*	*09/30/18 21:21*	*1*
Nitrobenzene-d5 (Surr)	*64*		*51 - 108*	*09/29/18 16:20*	*09/30/18 21:21*	*1*
Phenol-d5 (Surr)	*20*		*14 - 39*	*09/29/18 16:20*	*09/30/18 21:21*	*1*
Terphenyl-d14 (Surr)	*64*		*40 - 148*	*09/29/18 16:20*	*09/30/18 21:21*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**972**		400	188	ug/L		10/03/18 19:55	10/04/18 16:44	20
Antimony	**3.8**		2.0	0.62	ug/L		10/03/18 19:55	10/04/18 15:16	2
Arsenic	**3.5**		2.0	0.73	ug/L		10/03/18 19:55	10/04/18 15:16	2
Barium	**240**		4.0	1.2	ug/L		10/03/18 19:55	10/04/18 15:16	2
Beryllium	0.80	U	0.80	0.25	ug/L		10/03/18 19:55	10/04/18 15:16	2
Cadmium	2.0	U	2.0	0.81	ug/L		10/03/18 19:55	10/04/18 15:16	2
Calcium	**122000**		200	67.6	ug/L		10/03/18 19:55	10/04/18 15:16	2
Chromium	**2.6**	**J**	4.0	2.3	ug/L		10/03/18 19:55	10/04/18 15:16	2
Cobalt	**2.2**	**J**	4.0	1.6	ug/L		10/03/18 19:55	10/04/18 15:16	2
Copper	**7.1**		4.0	2.0	ug/L		10/03/18 19:55	10/04/18 15:16	2
Iron	**1600**		120	51.1	ug/L		10/03/18 19:55	10/04/18 15:16	2
Lead	**67.2**		1.2	0.55	ug/L		10/03/18 19:55	10/04/18 15:16	2
Magnesium	**40300**		2000	737	ug/L		10/03/18 19:55	10/04/18 16:44	20
Manganese	**679**		8.0	2.9	ug/L		10/03/18 19:55	10/04/18 15:16	2
Nickel	**7.1**		4.0	2.4	ug/L		10/03/18 19:55	10/04/18 15:16	2
Potassium	**74900**		200	86.7	ug/L		10/03/18 19:55	10/04/18 15:16	2
Selenium	10.0	U	10.0	5.4	ug/L		10/03/18 19:55	10/04/18 15:16	2
Silver	2.0	U	2.0	0.59	ug/L		10/03/18 19:55	10/04/18 15:16	2
Sodium	**1290000**		2000	1280	ug/L		10/03/18 19:55	10/04/18 16:44	20
Thallium	0.80	U	0.80	0.16	ug/L		10/03/18 19:55	10/04/18 15:16	2
Vanadium	**10.1**		4.0	1.1	ug/L		10/03/18 19:55	10/04/18 15:16	2
Zinc	**78.5**		16.0	11.1	ug/L		10/03/18 19:55	10/04/18 15:16	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/04/18 11:38	10/04/18 13:47	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165685-1

Client Sample ID: RX-4_0.5-2.5

Date Collected: 09/28/18 14:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-7

Matrix: Solid
Percent Solids: 89.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.030	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.021	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,1,2-Trichloroethane	0.11	U	0.11	0.0086	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,1-Dichloroethene	0.11	U	0.11	0.037	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.029	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2,4-Trimethylbenzene	**0.33**		0.11	0.025	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.025	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2-Dichloroethane	0.11	U *	0.11	0.027	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,2-Dichloropropane	0.11	U	0.11	0.019	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,3,5-Trimethylbenzene	**0.13**		0.11	0.027	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,4-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
1,4-Dioxane	5.4	U	5.4	0.94	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
2-Butanone (MEK)	0.54	U	0.54	0.24	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
2-Hexanone	0.54	U	0.54	0.078	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
4-Methyl-2-pentanone (MIBK)	0.54	U	0.54	0.068	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Acetone	0.54	U	0.54	0.12	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Benzene	**0.23**		0.11	0.021	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Bromoform	0.11	U	0.11	0.019	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Bromomethane	0.11	U	0.11	0.019	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Carbon disulfide	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chlorobromomethane	0.11	U	0.11	0.032	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chloroethane	0.11	U	0.11	0.040	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Chloromethane	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
cis-1,2-Dichloroethene	**0.039**	**J**	0.11	0.028	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.017	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Cyclohexane	**0.093**	**J**	0.11	0.028	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Dichlorobromomethane	0.11	U	0.11	0.016	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Dichlorodifluoromethane	0.11	U	0.11	0.015	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Ethylbenzene	**0.38**		0.11	0.032	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Isopropylbenzene	**0.067**	**J**	0.11	0.035	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Methyl acetate	0.54	U	0.54	0.063	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Methyl tert-butyl ether	0.11	U	0.11	0.014	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Methylcyclohexane	**0.85**		0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
m-Xylene & p-Xylene	**0.61**		0.11	0.030	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
n-Butylbenzene	**0.23**		0.11	0.029	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
N-Propylbenzene	**0.22**		0.11	0.031	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
o-Xylene	**0.14**		0.11	0.035	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
sec-Butylbenzene	**0.12**		0.11	0.033	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50

Client Sample ID: RX-4_0.5-2.5

Date Collected: 09/28/18 14:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-7

Matrix: Solid
Percent Solids: 89.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.11	U	0.11	0.018	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
tert-Butylbenzene	0.11	U	0.11	0.030	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Tetrachloroethene	0.11	U	0.11	0.039	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Toluene	**0.36**		0.11	0.027	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.019	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.021	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Trichlorofluoromethane	0.11	U *	0.11	0.016	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50
Xylenes, Total	**0.75**		0.22	0.030	mg/Kg	☼	09/29/18 23:09	10/04/18 12:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*69 - 143*	*09/29/18 23:09*	*10/04/18 12:24*	*50*
4-Bromofluorobenzene	*90*		*61 - 137*	*09/29/18 23:09*	*10/04/18 12:24*	*50*
Dibromofluoromethane (Surr)	*86*		*61 - 135*	*09/29/18 23:09*	*10/04/18 12:24*	*50*
Toluene-d8 (Surr)	*98*		*67 - 127*	*09/29/18 23:09*	*10/04/18 12:24*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.064**	**J**	0.74	0.0098	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
1,2,4,5-Tetrachlorobenzene	0.74	U	0.74	0.0097	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,2'-oxybis[1-chloropropane]	0.74	U	0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,3,4,6-Tetrachlorophenol	0.74	U	0.74	0.050	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4,5-Trichlorophenol	0.74	U	0.74	0.024	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4,6-Trichlorophenol	0.30	U	0.30	0.037	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4-Dichlorophenol	0.30	U	0.30	0.016	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4-Dimethylphenol	0.74	U	0.74	0.033	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4-Dinitrophenol	0.60	U	0.60	0.36	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,4-Dinitrotoluene	0.15	U	0.15	0.038	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2,6-Dinitrotoluene	0.15	U	0.15	0.024	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Chloronaphthalene	0.74	U	0.74	0.034	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Chlorophenol	0.74	U	0.74	0.010	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Methylnaphthalene	**1.3**		0.74	0.0093	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Methylphenol	0.74	U	0.74	0.012	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Nitroaniline	0.74	U	0.74	0.028	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
2-Nitrophenol	0.74	U	0.74	0.024	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
3 & 4 Methylphenol	**0.033**	**J**	0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
3,3'-Dichlorobenzidine	0.30	U	0.30	0.11	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
3-Nitroaniline	0.74	U	0.74	0.040	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4,6-Dinitro-2-methylphenol	0.60	U	0.60	0.12	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Bromophenyl phenyl ether	0.74	U	0.74	0.0096	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Chloro-3-methylphenol	0.74	U	0.74	0.012	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Chloroaniline	0.74	U	0.74	0.052	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Chlorophenyl phenyl ether	0.74	U	0.74	0.012	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Methylphenol	**0.033**	**J**	0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Nitroaniline	0.74	U	0.74	0.028	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
4-Nitrophenol	1.5	U	1.5	0.12	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Acenaphthene	**0.14**	**J**	0.74	0.054	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Acenaphthylene	**0.083**	**J**	0.74	0.0077	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Acetophenone	0.74	U	0.74	0.012	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2

Client Sample ID: RX-4_0.5-2.5

Date Collected: 09/28/18 14:15
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-7

Matrix: Solid
Percent Solids: 89.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.20**	**J**	0.74	0.0083	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Atrazine	0.30	U	0.30	0.019	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzaldehyde	0.74	U	0.74	0.032	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzo[a]anthracene	**0.46**		0.074	0.026	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzo[a]pyrene	**0.47**		0.074	0.020	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzo[b]fluoranthene	**0.83**		0.074	0.019	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzo[g,h,i]perylene	**0.28**	**J**	0.74	0.022	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Benzo[k]fluoranthene	**0.26**		0.074	0.015	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Bis(2-chloroethoxy)methane	0.74	U	0.74	0.025	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Bis(2-chloroethyl)ether	0.074	U *	0.074	0.0090	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Bis(2-ethylhexyl) phthalate	**1.2**		0.74	0.039	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Butyl benzyl phthalate	**0.12**	**J**	0.74	0.035	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Caprolactam	0.74	U	0.74	0.044	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Carbazole	**0.084**	**J**	0.74	0.0087	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Chrysene	**0.53**	**J**	0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Dibenz(a,h)anthracene	**0.070**	**J**	0.074	0.032	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Dibenzofuran	**0.13**	**J**	0.74	0.010	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Diethyl phthalate	**0.036**	**J**	0.74	0.011	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Dimethyl phthalate	0.74	U	0.74	0.0089	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Di-n-butyl phthalate	**0.31**	**J**	0.74	0.13	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Di-n-octyl phthalate	0.74	U	0.74	0.039	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Fluoranthene	**0.94**		0.74	0.0096	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Fluorene	**0.25**	**J**	0.74	0.010	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Hexachlorobenzene	0.074	U	0.074	0.011	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Hexachlorobutadiene	0.15	U	0.15	0.016	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Hexachlorocyclopentadiene	0.74	U	0.74	0.065	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Hexachloroethane	0.074	U *	0.074	0.011	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Indeno[1,2,3-cd]pyrene	**0.28**		0.074	0.029	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Isophorone	0.30	U	0.30	0.020	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Naphthalene	**0.71**	**J**	0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Nitrobenzene	0.074	U *	0.074	0.018	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
N-Nitrosodi-n-propylamine	0.074	U	0.074	0.012	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
N-Nitrosodiphenylamine	0.74	U	0.74	0.014	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Pentachlorophenol	0.60	U	0.60	0.15	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Phenanthrene	**1.0**		0.74	0.013	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Phenol	0.74	U	0.74	0.011	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2
Pyrene	**1.3**		0.74	0.018	mg/Kg	☼	09/29/18 16:09	10/02/18 13:31	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 103*	*09/29/18 16:09*	*10/02/18 13:31*	*2*
2-Fluorobiphenyl	*61*		*38 - 95*	*09/29/18 16:09*	*10/02/18 13:31*	*2*
2-Fluorophenol (Surr)	*68*		*25 - 92*	*09/29/18 16:09*	*10/02/18 13:31*	*2*
Nitrobenzene-d5 (Surr)	*59*		*37 - 94*	*09/29/18 16:09*	*10/02/18 13:31*	*2*
Phenol-d5 (Surr)	*66*		*32 - 91*	*09/29/18 16:09*	*10/02/18 13:31*	*2*
Terphenyl-d14 (Surr)	*48*		*24 - 109*	*09/29/18 16:09*	*10/02/18 13:31*	*2*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9650**		22.2	7.6	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Antimony	**8.1**		1.1	0.33	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20

Client Sample ID: RX-4_0.5-2.5

Lab Sample ID: 460-165685-7

Date Collected: 09/28/18 14:15
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 89.0

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.1		1.1	0.36	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Barium	967		2.2	0.74	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Beryllium	0.29	J	0.44	0.18	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Cadmium	21.0		1.1	0.37	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Calcium	15400		111	33.0	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Chromium	42.8		2.2	0.67	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Cobalt	10.4		2.2	0.67	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Copper	520		2.2	0.64	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Iron	41100		66.7	23.4	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Lead	1790		0.67	0.21	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Magnesium	9160		111	30.9	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Manganese	411		4.4	1.4	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Nickel	164		2.2	0.72	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Potassium	1730		111	40.0	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Selenium	1.6	J	5.6	0.32	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Silver	1.0	J	1.1	0.69	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Sodium	521		111	34.8	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Thallium	0.19	J	0.44	0.14	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Vanadium	46.1		2.2	0.63	mg/Kg	☼	10/03/18 19:17	10/04/18 12:43	20
Zinc	19200		222	108	mg/Kg	☼	10/03/18 19:17	10/04/18 13:12	500

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50		0.018	0.011	mg/Kg	☼	10/03/18 04:31	10/03/18 10:25	1

Client Sample ID: RX-4_9.5-11.5

Lab Sample ID: 460-165685-8

Date Collected: 09/28/18 14:30
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00020	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00016	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00019	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00017	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.000085	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.000087	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00013	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00011	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00015	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.000092	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
1,4-Dioxane	0.018	U	0.018	0.0085	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
2-Butanone (MEK)	0.0027	J	0.0046	0.0010	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
2-Hexanone	0.0046	U	0.0046	0.00072	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1

Client Sample ID: RX-4_9.5-11.5

Date Collected: 09/28/18 14:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-8

Matrix: Solid
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.00061	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Acetone	**0.011**		0.0046	0.0035	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Benzene	0.00092	U	0.00092	0.00024	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Bromomethane	0.00092	U	0.00092	0.00044	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Carbon disulfide	**0.00072**	**J**	0.00092	0.00025	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Carbon tetrachloride	0.00092	U	0.00092	0.00017	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chlorobenzene	0.00092	U	0.00092	0.00016	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chlorobromomethane	0.00092	U	0.00092	0.00026	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chlorodibromomethane	0.00092	U	0.00092	0.00018	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chloroform	0.00092	U	0.00092	0.00029	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00014	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Ethylbenzene	0.00092	U	0.00092	0.00018	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Ethylene Dibromide	0.00092	U	0.00092	0.00017	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Isopropylbenzene	0.00092	U	0.00092	0.00012	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00012	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Methylcyclohexane	0.00092	U	0.00092	0.00015	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Methylene Chloride	0.00092	U	0.00092	0.00015	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00016	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
n-Butylbenzene	0.00092	U	0.00092	0.00013	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
N-Propylbenzene	0.00092	U	0.00092	0.00016	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
o-Xylene	0.00092	U	0.00092	0.000088	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
sec-Butylbenzene	0.00092	U	0.00092	0.000081	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Styrene	0.00092	U	0.00092	0.00011	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
tert-Butylbenzene	0.00092	U	0.00092	0.00011	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Tetrachloroethene	0.00092	U	0.00092	0.00013	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Toluene	0.00092	U	0.00092	0.00058	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Trichloroethene	**0.00018**	**J B**	0.00092	0.00013	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1
Xylenes, Total	0.0018	U	0.0018	0.00023	mg/Kg	☼	09/29/18 23:20	10/02/18 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 135*	*09/29/18 23:20*	*10/02/18 01:38*	*1*
4-Bromofluorobenzene	*107*		*67 - 126*	*09/29/18 23:20*	*10/02/18 01:38*	*1*
Dibromofluoromethane (Surr)	*113*		*61 - 149*	*09/29/18 23:20*	*10/02/18 01:38*	*1*
Toluene-d8 (Surr)	*93*		*73 - 121*	*09/29/18 23:20*	*10/02/18 01:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0050	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1

Client Sample ID: RX-4_9.5-11.5

Date Collected: 09/28/18 14:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-8

Matrix: Solid
Percent Solids: 86.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0050	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4-Dichlorophenol	0.15	U	0.15	0.0080	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,4-Dinitrotoluene	0.077	U	0.077	0.019	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2,6-Dinitrotoluene	0.077	U	0.077	0.012	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Chlorophenol	0.38	U	0.38	0.0053	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Methylnaphthalene	0.38	U	0.38	0.0047	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Methylphenol	0.38	U	0.38	0.0061	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
2-Nitrophenol	0.38	U	0.38	0.012	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
3 & 4 Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
3-Nitroaniline	0.38	U	0.38	0.021	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.062	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0049	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.0063	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Chloroaniline	0.38	U	0.38	0.027	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.0060	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Methylphenol	0.38	U	0.38	0.0065	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Acenaphthene	0.38	U	0.38	0.028	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Acenaphthylene	**0.014**	**J**	0.38	0.0039	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Acetophenone	0.38	U	0.38	0.0061	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Anthracene	**0.029**	**J**	0.38	0.0043	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Atrazine	0.15	U	0.15	0.0096	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzaldehyde	0.38	U	0.38	0.017	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzo[a]anthracene	**0.030**	**J**	0.038	0.013	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzo[a]pyrene	**0.025**	**J**	0.038	0.010	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzo[b]fluoranthene	**0.043**		0.038	0.0098	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Benzo[k]fluoranthene	**0.016**	**J**	0.038	0.0075	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.013	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Bis(2-chloroethyl)ether	0.038	U *	0.038	0.0046	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Caprolactam	0.38	U	0.38	0.023	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Carbazole	0.38	U	0.38	0.0044	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Chrysene	**0.031**	**J**	0.38	0.0064	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Dibenzofuran	0.38	U	0.38	0.0053	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Dimethyl phthalate	0.38	U	0.38	0.0046	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1

Client Sample ID: RX-4_9.5-11.5

Date Collected: 09/28/18 14:30
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-8

Matrix: Solid
Percent Solids: 86.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.38	U	0.38	0.067	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Fluoranthene	**0.057**	**J**	0.38	0.0049	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Fluorene	0.38	U	0.38	0.0052	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Hexachlorobenzene	0.038	U	0.038	0.0056	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Hexachloroethane	0.038	U *	0.038	0.0059	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Indeno[1,2,3-cd]pyrene	**0.021**	**J**	0.038	0.015	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Isophorone	0.15	U	0.15	0.010	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Nitrobenzene	0.038	U *	0.038	0.0091	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.0061	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0073	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Phenanthrene	**0.038**	**J**	0.38	0.0067	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Phenol	0.38	U	0.38	0.0056	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1
Pyrene	**0.046**	**J**	0.38	0.0095	mg/Kg	☼	09/29/18 16:09	10/01/18 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 103*	*09/29/18 16:09*	*10/01/18 09:43*	*1*
2-Fluorobiphenyl	*59*		*38 - 95*	*09/29/18 16:09*	*10/01/18 09:43*	*1*
2-Fluorophenol (Surr)	*52*		*25 - 92*	*09/29/18 16:09*	*10/01/18 09:43*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 94*	*09/29/18 16:09*	*10/01/18 09:43*	*1*
Phenol-d5 (Surr)	*51*		*32 - 91*	*09/29/18 16:09*	*10/01/18 09:43*	*1*
Terphenyl-d14 (Surr)	*63*		*24 - 109*	*09/29/18 16:09*	*10/01/18 09:43*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11500**		19.5	6.7	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Antimony	0.98	U	0.98	0.29	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Arsenic	**2.2**		0.98	0.31	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Barium	**36.7**		2.0	0.65	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Beryllium	**0.51**		0.39	0.16	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Cadmium	0.98	U	0.98	0.33	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Calcium	**112000**		97.6	29.0	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Chromium	**15.0**		2.0	0.59	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Cobalt	**5.8**		2.0	0.59	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Copper	**10.6**		2.0	0.56	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Iron	**14500**		58.5	20.5	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Lead	**13.1**		0.59	0.18	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Magnesium	**63300**		97.6	27.1	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Manganese	**240**		3.9	1.2	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Nickel	**11.0**		2.0	0.64	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Potassium	**6720**		97.6	35.1	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Selenium	4.9	U	4.9	0.28	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Silver	0.98	U	0.98	0.60	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Sodium	**961**		97.6	30.5	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Thallium	**0.13**	**J**	0.39	0.12	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20
Vanadium	**19.1**		2.0	0.56	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20

Client Sample ID: RX-4_9.5-11.5

Lab Sample ID: 460-165685-8
Date Collected: 09/28/18 14:30
Matrix: Solid
Date Received: 09/28/18 20:00
Percent Solids: 86.8

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**92.3**		7.8	3.8	mg/Kg	☼	10/03/18 19:17	10/04/18 12:51	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.014**	**J**	0.019	0.011	mg/Kg	☼	10/03/18 04:31	10/03/18 10:26	1

Client Sample ID: RX-7_0.5-2.5

Lab Sample ID: 460-165685-9
Date Collected: 09/28/18 14:45
Matrix: Solid
Date Received: 09/28/18 20:00
Percent Solids: 88.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.000095	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2,4-Trimethylbenzene	**0.00050**	**J**	0.0010	0.000097	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,3,5-Trimethylbenzene	**0.00046**	**J**	0.0010	0.00012	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00010	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
1,4-Dioxane	0.021	U	0.021	0.0095	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
2-Butanone (MEK)	0.0052	U	0.0052	0.0012	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
2-Hexanone	0.0052	U	0.0052	0.00081	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.00069	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Acetone	**0.017**		0.0052	0.0039	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Benzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Bromomethane	0.0010	U	0.0010	0.00049	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Carbon disulfide	**0.00061**	**J**	0.0010	0.00028	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chloroform	0.0010	U	0.0010	0.00033	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00016	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Ethylbenzene	0.0010	U	0.0010	0.00021	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1

Client Sample ID: RX-7_0.5-2.5

Date Collected: 09/28/18 14:45
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-9

Matrix: Solid
Percent Solids: 88.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0010	U	0.0010	0.00019	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00017	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Methylene Chloride	**0.00026**	**J B**	0.0010	0.00017	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
m-Xylene & p-Xylene	**0.00021**	**J**	0.0010	0.00018	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
o-Xylene	**0.00016**	**J**	0.0010	0.000098	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
sec-Butylbenzene	**0.000093**	**J**	0.0010	0.000091	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Styrene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00013	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Tetrachloroethene	**0.00016**	**J**	0.0010	0.00015	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Toluene	0.0010	U	0.0010	0.00065	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Trichloroethene	0.0010	U	0.0010	0.00015	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1
Xylenes, Total	**0.00038**	**J**	0.0021	0.00026	mg/Kg	☼	09/29/18 23:21	10/01/18 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*78 - 135*	*09/29/18 23:21*	*10/01/18 14:56*	*1*
4-Bromofluorobenzene	*107*		*67 - 126*	*09/29/18 23:21*	*10/01/18 14:56*	*1*
Dibromofluoromethane (Surr)	*111*		*61 - 149*	*09/29/18 23:21*	*10/01/18 14:56*	*1*
Toluene-d8 (Surr)	*94*		*73 - 121*	*09/29/18 23:21*	*10/01/18 14:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0049	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.012	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4-Dichlorophenol	0.15	U	0.15	0.0078	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,4-Dinitrotoluene	0.075	U	0.075	0.019	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2,6-Dinitrotoluene	0.075	U	0.075	0.012	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Chlorophenol	0.37	U	0.37	0.0052	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Methylnaphthalene	**0.035**	**J**	0.37	0.0046	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Methylphenol	0.37	U	0.37	0.0060	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
2-Nitrophenol	0.37	U	0.37	0.012	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
3 & 4 Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
3-Nitroaniline	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1

Client Sample ID: RX-7_0.5-2.5

Date Collected: 09/28/18 14:45
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-9

Matrix: Solid
Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.060	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0048	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.0062	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Chloroaniline	0.37	U	0.37	0.026	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0059	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
4-Nitrophenol	0.75	U	0.75	0.061	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Acenaphthene	**0.027**	**J**	0.37	0.027	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Acenaphthylene	**0.035**	**J**	0.37	0.0038	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Acetophenone	0.37	U	0.37	0.0060	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Anthracene	**0.067**	**J**	0.37	0.0042	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Atrazine	0.15	U	0.15	0.0094	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzo[a]anthracene	**0.23**		0.037	0.013	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzo[a]pyrene	**0.24**		0.037	0.0099	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzo[b]fluoranthene	**0.34**		0.037	0.0096	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.37	0.011	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Benzo[k]fluoranthene	**0.097**		0.037	0.0073	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.013	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Bis(2-chloroethyl)ether	0.037	U *	0.037	0.0045	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Caprolactam	**0.14**	**J**	0.37	0.022	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Carbazole	**0.016**	**J**	0.37	0.0043	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Chrysene	**0.27**	**J**	0.37	0.0063	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Dibenz(a,h)anthracene	**0.039**		0.037	0.016	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Dibenzofuran	**0.018**	**J**	0.37	0.0052	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Dimethyl phthalate	0.37	U	0.37	0.0045	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Di-n-butyl phthalate	0.37	U	0.37	0.066	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Fluoranthene	**0.39**		0.37	0.0048	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Fluorene	**0.034**	**J**	0.37	0.0050	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Hexachlorobenzene	0.037	U	0.037	0.0054	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Hexachloroethane	0.037	U *	0.037	0.0057	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Indeno[1,2,3-cd]pyrene	**0.16**		0.037	0.015	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Isophorone	0.15	U	0.15	0.0098	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Naphthalene	**0.040**	**J**	0.37	0.0064	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Nitrobenzene	0.037	U *	0.037	0.0089	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.0059	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0071	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Phenanthrene	**0.22**	**J**	0.37	0.0065	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Phenol	0.37	U	0.37	0.0055	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1
Pyrene	**0.40**		0.37	0.0092	mg/Kg	☼	09/29/18 16:09	10/01/18 10:01	1

Client Sample ID: RX-7_0.5-2.5

Lab Sample ID: 460-165685-9

Date Collected: 09/28/18 14:45
Date Received: 09/28/18 20:00

Matrix: Solid
Percent Solids: 88.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 103*	*09/29/18 16:09*	*10/01/18 10:01*	*1*
2-Fluorobiphenyl	*59*		*38 - 95*	*09/29/18 16:09*	*10/01/18 10:01*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 92*	*09/29/18 16:09*	*10/01/18 10:01*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 94*	*09/29/18 16:09*	*10/01/18 10:01*	*1*
Phenol-d5 (Surr)	*57*		*32 - 91*	*09/29/18 16:09*	*10/01/18 10:01*	*1*
Terphenyl-d14 (Surr)	*54*		*24 - 109*	*09/29/18 16:09*	*10/01/18 10:01*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11900**		22.3	7.6	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Antimony	**0.46**	**J**	1.1	0.33	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Arsenic	**4.4**		1.1	0.36	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Barium	**184**		2.2	0.74	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Beryllium	**0.53**		0.45	0.18	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Cadmium	**0.76**	**J**	1.1	0.37	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Calcium	**30100**		111	33.1	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Chromium	**29.8**		2.2	0.67	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Cobalt	**8.4**		2.2	0.67	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Copper	**37.6**		2.2	0.64	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Iron	**18300**		66.9	23.4	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Lead	**196**		0.67	0.21	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Magnesium	**18000**		111	31.0	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Manganese	**326**		4.5	1.4	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Nickel	**22.7**		2.2	0.73	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Potassium	**2410**		111	40.1	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Selenium	5.6	U	5.6	0.32	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Silver	1.1	U	1.1	0.69	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Sodium	**1280**		111	34.9	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Thallium	**0.21**	**J**	0.45	0.14	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Vanadium	**32.1**		2.2	0.63	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20
Zinc	**372**		8.9	4.3	mg/Kg	☼	10/03/18 16:56	10/04/18 12:21	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.017	0.010	mg/Kg	☼	10/03/18 04:31	10/03/18 10:28	1

Client Sample ID: Dup-20180928

Lab Sample ID: 460-165685-10

Date Collected: 09/28/18 00:00
Date Received: 09/28/18 20:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/03/18 18:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/03/18 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/03/18 18:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/03/18 18:02	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/03/18 18:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/03/18 18:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:02	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:02	1

Client Sample ID: Dup-20180928

Lab Sample ID: 460-165685-10

Date Collected: 09/28/18 00:00

Matrix: Water

Date Received: 09/28/18 20:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/03/18 18:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/03/18 18:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/03/18 18:02	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/03/18 18:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/03/18 18:02	1
1,4-Dioxane	50	U	50	28	ug/L			10/03/18 18:02	1
2-Butanone (MEK)	**2.4**	**J**	5.0	1.9	ug/L			10/03/18 18:02	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/03/18 18:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/03/18 18:02	1
Acetone	**10**		5.0	5.0	ug/L			10/03/18 18:02	1
Benzene	1.0	U	1.0	0.43	ug/L			10/03/18 18:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/03/18 18:02	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/03/18 18:02	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/03/18 18:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/03/18 18:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/03/18 18:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/03/18 18:02	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/03/18 18:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/03/18 18:02	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/03/18 18:02	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/03/18 18:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/03/18 18:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/03/18 18:02	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/03/18 18:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/03/18 18:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/03/18 18:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/03/18 18:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:02	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/03/18 18:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/03/18 18:02	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/03/18 18:02	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/03/18 18:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/03/18 18:02	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:02	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/03/18 18:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/03/18 18:02	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/03/18 18:02	1
Styrene	1.0	U	1.0	0.42	ug/L			10/03/18 18:02	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/03/18 18:02	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/03/18 18:02	1
Toluene	1.0	U	1.0	0.38	ug/L			10/03/18 18:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/03/18 18:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/03/18 18:02	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/03/18 18:02	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/03/18 18:02	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/03/18 18:02	1

Client Sample ID: Dup-20180928

Date Collected: 09/28/18 00:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/03/18 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*74 - 132*		*10/03/18 18:02*	*1*
4-Bromofluorobenzene	*93*		*77 - 124*		*10/03/18 18:02*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*10/03/18 18:02*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/03/18 18:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:42	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4,5-Trichlorophenol	10	U	10	0.28	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4,6-Trichlorophenol	10	U	10	0.30	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4-Dichlorophenol	10	U	10	0.42	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4-Dimethylphenol	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4-Dinitrophenol	20	U	20	14	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		09/29/18 16:20	09/30/18 21:42	1
2,6-Dinitrotoluene	2.0	U	2.0	0.39	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Chlorophenol	10	U	10	0.38	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Methylphenol	10	U	10	0.26	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Nitroaniline	10	U	10	0.47	ug/L		09/29/18 16:20	09/30/18 21:42	1
2-Nitrophenol	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:42	1
3 & 4 Methylphenol	**4.0**	**J**	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:42	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:42	1
3-Nitroaniline	10	U	10	0.96	ug/L		09/29/18 16:20	09/30/18 21:42	1
4,6-Dinitro-2-methylphenol	20	U	20	13	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Chloroaniline	10	U	10	1.9	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Methylphenol	**4.0**	**J**	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Nitroaniline	10	U	10	0.54	ug/L		09/29/18 16:20	09/30/18 21:42	1
4-Nitrophenol	20	U *	20	0.69	ug/L		09/29/18 16:20	09/30/18 21:42	1
Acenaphthene	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:42	1
Acenaphthylene	10	U	10	0.82	ug/L		09/29/18 16:20	09/30/18 21:42	1
Acetophenone	10	U	10	0.79	ug/L		09/29/18 16:20	09/30/18 21:42	1
Anthracene	10	U	10	0.63	ug/L		09/29/18 16:20	09/30/18 21:42	1
Atrazine	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzaldehyde	10	U	10	0.59	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzo[b]fluoranthene	2.0	U	2.0	1.1	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzo[g,h,i]perylene	10	U	10	1.4	ug/L		09/29/18 16:20	09/30/18 21:42	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/29/18 16:20	09/30/18 21:42	1
Bis(2-chloroethoxy)methane	10	U	10	0.24	ug/L		09/29/18 16:20	09/30/18 21:42	1

Client Sample ID: Dup-20180928

Date Collected: 09/28/18 00:00
Date Received: 09/28/18 20:00

Lab Sample ID: 460-165685-10

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	1.0	U	1.0	0.30	ug/L		09/29/18 16:20	09/30/18 21:42	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	1.7	ug/L		09/29/18 16:20	09/30/18 21:42	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		09/29/18 16:20	09/30/18 21:42	1
Caprolactam	10	U	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:42	1
Carbazole	**4.6**	**J**	10	0.68	ug/L		09/29/18 16:20	09/30/18 21:42	1
Chrysene	2.0	U	2.0	0.91	ug/L		09/29/18 16:20	09/30/18 21:42	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/29/18 16:20	09/30/18 21:42	1
Dibenzofuran	10	U	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:42	1
Diethyl phthalate	10	U	10	0.98	ug/L		09/29/18 16:20	09/30/18 21:42	1
Dimethyl phthalate	10	U	10	0.77	ug/L		09/29/18 16:20	09/30/18 21:42	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		09/29/18 16:20	09/30/18 21:42	1
Di-n-octyl phthalate	10	U	10	4.8	ug/L		09/29/18 16:20	09/30/18 21:42	1
Fluoranthene	**1.0**	**J**	10	0.84	ug/L		09/29/18 16:20	09/30/18 21:42	1
Fluorene	10	U	10	0.91	ug/L		09/29/18 16:20	09/30/18 21:42	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		09/29/18 16:20	09/30/18 21:42	1
Hexachlorobutadiene	1.0	U *	1.0	0.78	ug/L		09/29/18 16:20	09/30/18 21:42	1
Hexachlorocyclopentadiene	10	U *	10	1.7	ug/L		09/29/18 16:20	09/30/18 21:42	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		09/29/18 16:20	09/30/18 21:42	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	1.3	ug/L		09/29/18 16:20	09/30/18 21:42	1
Isophorone	10	U	10	0.80	ug/L		09/29/18 16:20	09/30/18 21:42	1
Naphthalene	**4.0**	**J**	10	1.1	ug/L		09/29/18 16:20	09/30/18 21:42	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		09/29/18 16:20	09/30/18 21:42	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		09/29/18 16:20	09/30/18 21:42	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		09/29/18 16:20	09/30/18 21:42	1
Pentachlorophenol	20	U	20	1.4	ug/L		09/29/18 16:20	09/30/18 21:42	1
Phenanthrene	**1.3**	**J**	10	0.58	ug/L		09/29/18 16:20	09/30/18 21:42	1
Phenol	**2.0**	**J**	10	0.29	ug/L		09/29/18 16:20	09/30/18 21:42	1
Pyrene	10	U	10	1.6	ug/L		09/29/18 16:20	09/30/18 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*26 - 139*	*09/29/18 16:20*	*09/30/18 21:42*	*1*
2-Fluorobiphenyl	*66*		*45 - 107*	*09/29/18 16:20*	*09/30/18 21:42*	*1*
2-Fluorophenol (Surr)	*35*		*25 - 58*	*09/29/18 16:20*	*09/30/18 21:42*	*1*
Nitrobenzene-d5 (Surr)	*78*		*51 - 108*	*09/29/18 16:20*	*09/30/18 21:42*	*1*
Phenol-d5 (Surr)	*24*		*14 - 39*	*09/29/18 16:20*	*09/30/18 21:42*	*1*
Terphenyl-d14 (Surr)	*62*		*40 - 148*	*09/29/18 16:20*	*09/30/18 21:42*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**577**		400	188	ug/L		10/03/18 19:55	10/04/18 16:46	20
Antimony	**3.0**		2.0	0.62	ug/L		10/03/18 19:55	10/04/18 15:19	2
Arsenic	**2.9**		2.0	0.73	ug/L		10/03/18 19:55	10/04/18 15:19	2
Barium	**252**		4.0	1.2	ug/L		10/03/18 19:55	10/04/18 15:19	2
Beryllium	0.80	U	0.80	0.25	ug/L		10/03/18 19:55	10/04/18 15:19	2
Cadmium	2.0	U	2.0	0.81	ug/L		10/03/18 19:55	10/04/18 15:19	2
Calcium	**111000**		200	67.6	ug/L		10/03/18 19:55	10/04/18 15:19	2
Chromium	4.0	U	4.0	2.3	ug/L		10/03/18 19:55	10/04/18 15:19	2
Cobalt	**2.3**	**J**	4.0	1.6	ug/L		10/03/18 19:55	10/04/18 15:19	2
Copper	**5.2**		4.0	2.0	ug/L		10/03/18 19:55	10/04/18 15:19	2
Iron	**1190**		120	51.1	ug/L		10/03/18 19:55	10/04/18 15:19	2

Client Sample ID: Dup-20180928

Lab Sample ID: 460-165685-10

Date Collected: 09/28/18 00:00

Matrix: Water

Date Received: 09/28/18 20:00

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**20.9**		1.2	0.55	ug/L		10/03/18 19:55	10/04/18 15:19	2
Magnesium	**55900**		2000	737	ug/L		10/03/18 19:55	10/04/18 16:46	20
Manganese	**826**		8.0	2.9	ug/L		10/03/18 19:55	10/04/18 15:19	2
Nickel	**5.8**		4.0	2.4	ug/L		10/03/18 19:55	10/04/18 15:19	2
Potassium	**68500**		200	86.7	ug/L		10/03/18 19:55	10/04/18 15:19	2
Selenium	10.0	U	10.0	5.4	ug/L		10/03/18 19:55	10/04/18 15:19	2
Silver	2.0	U	2.0	0.59	ug/L		10/03/18 19:55	10/04/18 15:19	2
Sodium	**1400000**		2000	1280	ug/L		10/03/18 19:55	10/04/18 16:46	20
Thallium	0.80	U	0.80	0.16	ug/L		10/03/18 19:55	10/04/18 15:19	2
Vanadium	**6.9**		4.0	1.1	ug/L		10/03/18 19:55	10/04/18 15:19	2
Zinc	**58.0**		16.0	11.1	ug/L		10/03/18 19:55	10/04/18 15:19	2

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		10/04/18 11:38	10/04/18 13:48	1

ANALYTICAL REPORT

Job Number: 460-165818-1

Job Description: Taconic Inwood

For:
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:43 AM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
11/16/2018
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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Job Number: 460-165818-1

Job Description: Taconic Inwood

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
11/16/2018 11:43 AM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood

Report Number: 460-165818-1
Revised Report #1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISED REPORT #1
The following report required a revision: 460-165818-1. Details are as follows: The client requested the addition of NY Part 375 compounds for VOCs, SVOCs.

RECEIPT
The samples were received on 10/1/2018 6:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-9_1.0-2.5 (460-165818-1), RX-10-1.0-3.0 (460-165818-2) and RX-12_2.5-4.0 (460-165818-3) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 10/02/2018.

The continuing calibration verification (CCV) analyzed in batch 460-556830 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-556830 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Methylcyclohexane was detected in method blank MB 460-556830/22 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples RX-9_1.0-2.5 (460-165818-1) and RX-12_2.5-4.0 (460-165818-3) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 10/03/2018.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples RX-9_1.0-2.5 (460-165818-1), RX-10-1.0-3.0 (460-165818-2) and RX-12_2.5-4.0 (460-165818-3) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/02/2018 and analyzed on 10/02/2018 and 10/03/2018.

Several analytes failed the recovery criteria low for the Matrix Spike (MS) of sample RX-10-1.0-3.0MS (460-165818-2) in batch 460-556877. Anthracene failed the recovery criteria high.

Several analytes failed the recovery criteria low for the Matrix Spike Duplicate (MSD) of sample RX-10-1.0-3.0MSD (460-165818-2) in batch 460-556877. 2,4-Dinitrophenol, Anthracene and Chrysene exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Samples RX-9_1.0-2.5 (460-165818-1), RX-10-1.0-3.0 (460-165818-2) and RX-12_2.5-4.0 (460-165818-3) were analyzed for Metals in accordance with EPA SW-846 Method 6020A. The samples were prepared on 10/03/2018 and analyzed on 10/04/2018.

Several analytes failed the recovery criteria low for the MS of sample 460-165685-7 in batch 460-557397. Barium, Calcium, Iron and Lead failed the recovery criteria high.

Antimony, Copper, Lead and Nickel exceeded the RPD limit for the duplicate of sample 460-165685-7.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples RX-9_1.0-2.5 (460-165818-1), RX-10-1.0-3.0 (460-165818-2) and RX-12_2.5-4.0 (460-165818-3) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 10/05/2018.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples RX-9_1.0-2.5 (460-165818-1), RX-10-1.0-3.0 (460-165818-2) and RX-12_2.5-4.0 (460-165818-3) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 10/04/2018.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165818-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-165818-1	RX-9_1.0-2.5	Solid	10/01/18 11:00	10/01/18 18:40
460-165818-2	RX-10-1.0-3.0	Solid	10/01/18 14:00	10/01/18 18:40
460-165818-3	RX-12_2.5-4.0	Solid	10/01/18 15:45	10/01/18 18:40

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165818-1

Client Sample ID: RX-9_1.0-2.5 — Lab Sample ID: 460-165818-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0026	J	0.0049	0.0011	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.012		0.0049	0.0037	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.00046	J	0.00098	0.00017	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00056	J	0.00098	0.000093	mg/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.0010	J	0.0020	0.00025	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.010	J	0.39	0.0049	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.021	J	0.39	0.0041	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.034	J	0.039	0.014	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.025	J	0.039	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.041		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.022	J	0.39	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.012	J	0.039	0.0077	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.030	J	0.39	0.0067	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.017	J	0.39	0.0055	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.063	J	0.39	0.0051	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.014	J	0.39	0.0054	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.026	J	0.039	0.015	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.037	J	0.39	0.0068	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.040	J	0.39	0.0069	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.049	J	0.39	0.0098	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8540		21.5	7.4	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.4		1.1	0.35	mg/Kg	20	☼	6020B	Total/NA
Barium	37.1		2.2	0.71	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.43		0.43	0.17	mg/Kg	20	☼	6020B	Total/NA
Calcium	53900		108	31.9	mg/Kg	20	☼	6020B	Total/NA
Chromium	14.4		2.2	0.65	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.9		2.2	0.65	mg/Kg	20	☼	6020B	Total/NA
Copper	13.5		2.2	0.62	mg/Kg	20	☼	6020B	Total/NA
Iron	14200		64.5	22.6	mg/Kg	20	☼	6020B	Total/NA
Lead	15.8		0.65	0.20	mg/Kg	20	☼	6020B	Total/NA
Magnesium	31600		108	29.9	mg/Kg	20	☼	6020B	Total/NA
Manganese	250		4.3	1.3	mg/Kg	20	☼	6020B	Total/NA
Nickel	14.5		2.2	0.70	mg/Kg	20	☼	6020B	Total/NA
Potassium	1910		108	38.7	mg/Kg	20	☼	6020B	Total/NA
Sodium	218		108	33.7	mg/Kg	20	☼	6020B	Total/NA
Vanadium	16.7		2.2	0.61	mg/Kg	20	☼	6020B	Total/NA
Zinc	70.4		8.6	4.2	mg/Kg	20	☼	6020B	Total/NA

Client Sample ID: RX-10-1.0-3.0 — Lab Sample ID: 460-165818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0029		0.00088	0.000082	mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.0012		0.00088	0.00010	mg/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	0.0016	J	0.0044	0.00097	mg/Kg	1	☼	8260C	Total/NA
Acetone	0.0088		0.0044	0.0033	mg/Kg	1	☼	8260C	Total/NA
Carbon disulfide	0.00029	J	0.00088	0.00023	mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.00024	J	0.00088	0.00017	mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.00024	J	0.00088	0.00011	mg/Kg	1	☼	8260C	Total/NA
m-Xylene & p-Xylene	0.00061	J	0.00088	0.00015	mg/Kg	1	☼	8260C	Total/NA
o-Xylene	0.00070	J	0.00088	0.000083	mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-10-1.0-3.0 (Continued) — Lab Sample ID: 460-165818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.0013	J	0.0018	0.00022	mg/Kg	1	☼	8260C	Total/NA
1,1'-Biphenyl	0.032	J	0.37	0.0049	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.11	J	0.37	0.0046	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.29	J	0.37	0.027	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.53		0.37	0.0041	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.36		0.037	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.15		0.037	0.0099	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.23		0.037	0.0096	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.058	J	0.37	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.13		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.065	J	0.37	0.020	mg/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	0.027	J	0.37	0.017	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.18	J	0.37	0.0043	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.35	J	0.37	0.0063	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.017	J	0.037	0.016	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.32	J	0.37	0.0052	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	2.2		0.37	0.0048	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.56		0.37	0.0050	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.070		0.037	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.42		0.37	0.0064	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	2.8		0.37	0.0065	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.7		0.37	0.0092	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8870		19.9	6.8	mg/Kg	20	☼	6020B	Total/NA
Arsenic	2.1		1.0	0.32	mg/Kg	20	☼	6020B	Total/NA
Barium	50.9		2.0	0.66	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.47		0.40	0.16	mg/Kg	20	☼	6020B	Total/NA
Calcium	50200		99.5	29.6	mg/Kg	20	☼	6020B	Total/NA
Chromium	15.7		2.0	0.60	mg/Kg	20	☼	6020B	Total/NA
Cobalt	20.2		2.0	0.60	mg/Kg	20	☼	6020B	Total/NA
Copper	14.2		2.0	0.57	mg/Kg	20	☼	6020B	Total/NA
Iron	13700		59.7	20.9	mg/Kg	20	☼	6020B	Total/NA
Lead	24.9		0.60	0.19	mg/Kg	20	☼	6020B	Total/NA
Magnesium	27900		99.5	27.7	mg/Kg	20	☼	6020B	Total/NA
Manganese	293		4.0	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	15.1		2.0	0.65	mg/Kg	20	☼	6020B	Total/NA
Potassium	2630		99.5	35.8	mg/Kg	20	☼	6020B	Total/NA
Sodium	558		99.5	31.2	mg/Kg	20	☼	6020B	Total/NA
Vanadium	19.7		2.0	0.57	mg/Kg	20	☼	6020B	Total/NA
Zinc	72.7		8.0	3.9	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.019		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RX-12_2.5-4.0 — Lab Sample ID: 460-165818-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00022	J	0.00099	0.00014	mg/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	0.014	J	0.36	0.0045	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.053	J	0.36	0.026	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.026	J	0.36	0.0037	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.15	J	0.36	0.0040	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.56		0.036	0.012	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-12_2.5-4.0 (Continued) — Lab Sample ID: 460-165818-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.44		0.036	0.0095	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.55		0.036	0.0092	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.27	J	0.36	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.13		0.036	0.0070	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.023	J	0.36	0.019	mg/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	0.037	J	0.36	0.017	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.047	J	0.36	0.0042	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.58		0.36	0.0060	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.064		0.036	0.015	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.018	J	0.36	0.0050	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.87		0.36	0.0046	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.048	J	0.36	0.0048	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.31		0.036	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.016	J	0.36	0.0062	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.79		0.36	0.0063	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.1		0.36	0.0089	mg/Kg	1	☼	8270D	Total/NA
Aluminum	8360		19.3	6.6	mg/Kg	20	☼	6020B	Total/NA
Arsenic	3.6		0.97	0.31	mg/Kg	20	☼	6020B	Total/NA
Barium	78.7		1.9	0.64	mg/Kg	20	☼	6020B	Total/NA
Beryllium	0.35	J	0.39	0.16	mg/Kg	20	☼	6020B	Total/NA
Cadmium	1.9		0.97	0.32	mg/Kg	20	☼	6020B	Total/NA
Calcium	69400		96.5	28.7	mg/Kg	20	☼	6020B	Total/NA
Chromium	14.4		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Cobalt	5.8		1.9	0.58	mg/Kg	20	☼	6020B	Total/NA
Copper	28.4		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Iron	11600		57.9	20.3	mg/Kg	20	☼	6020B	Total/NA
Lead	94.7		0.58	0.18	mg/Kg	20	☼	6020B	Total/NA
Magnesium	36600		96.5	26.8	mg/Kg	20	☼	6020B	Total/NA
Manganese	250		3.9	1.2	mg/Kg	20	☼	6020B	Total/NA
Nickel	14.0		1.9	0.63	mg/Kg	20	☼	6020B	Total/NA
Potassium	2430		96.5	34.8	mg/Kg	20	☼	6020B	Total/NA
Silver	1.0		0.97	0.60	mg/Kg	20	☼	6020B	Total/NA
Sodium	452		96.5	30.2	mg/Kg	20	☼	6020B	Total/NA
Thallium	0.13	J	0.39	0.12	mg/Kg	20	☼	6020B	Total/NA
Vanadium	20.0		1.9	0.55	mg/Kg	20	☼	6020B	Total/NA
Zinc	206		7.7	3.8	mg/Kg	20	☼	6020B	Total/NA
Mercury	0.25		0.018	0.010	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood

TestAmerica Job ID: 460-165818-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: RX-9_1.0-2.5

Date Collected: 10/01/18 11:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-1

Matrix: Solid
Percent Solids: 83.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00021	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00017	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00020	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00018	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.000090	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.000092	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00014	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00011	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00016	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.000098	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
1,4-Dioxane	0.020	U	0.020	0.0090	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
2-Butanone (MEK)	**0.0026**	**J**	0.0049	0.0011	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
2-Hexanone	0.0049	U	0.0049	0.00076	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.00065	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Acetone	**0.012**		0.0049	0.0037	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Benzene	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Bromoform	0.00098	U	0.00098	0.00041	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Bromomethane	0.00098	U *	0.00098	0.00046	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Carbon tetrachloride	0.00098	U	0.00098	0.00018	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chlorobenzene	0.00098	U	0.00098	0.00017	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chlorobromomethane	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chlorodibromomethane	0.00098	U	0.00098	0.00019	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chloroform	0.00098	U	0.00098	0.00031	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Chloromethane	0.00098	U	0.00098	0.00042	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00015	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Ethylbenzene	0.00098	U	0.00098	0.00019	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Ethylene Dibromide	0.00098	U	0.00098	0.00018	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Isopropylbenzene	0.00098	U	0.00098	0.00012	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00012	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Methylcyclohexane	0.00098	U	0.00098	0.00016	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Methylene Chloride	0.00098	U	0.00098	0.00016	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
m-Xylene & p-Xylene	**0.00046**	**J**	0.00098	0.00017	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
n-Butylbenzene	0.00098	U	0.00098	0.00014	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
N-Propylbenzene	0.00098	U	0.00098	0.00017	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
o-Xylene	**0.00056**	**J**	0.00098	0.000093	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
sec-Butylbenzene	0.00098	U	0.00098	0.000086	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1

Client Sample ID: RX-9_1.0-2.5

Date Collected: 10/01/18 11:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-1

Matrix: Solid
Percent Solids: 83.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.00098	U	0.00098	0.00012	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
tert-Butylbenzene	0.00098	U	0.00098	0.00012	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Tetrachloroethene	0.00098	U	0.00098	0.00014	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Toluene	0.00098	U	0.00098	0.00061	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Trichloroethene	0.00098	U	0.00098	0.00014	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1
Xylenes, Total	**0.0010**	**J**	0.0020	0.00025	mg/Kg	☼	10/02/18 08:10	10/02/18 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 135*	*10/02/18 08:10*	*10/02/18 21:16*	*1*
4-Bromofluorobenzene	*101*		*67 - 126*	*10/02/18 08:10*	*10/02/18 21:16*	*1*
Dibromofluoromethane (Surr)	*99*		*61 - 149*	*10/02/18 08:10*	*10/02/18 21:16*	*1*
Toluene-d8 (Surr)	*98*		*73 - 121*	*10/02/18 08:10*	*10/02/18 21:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.0052	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.0052	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.013	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.020	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4-Dichlorophenol	0.16	U	0.16	0.0083	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4-Dimethylphenol	0.39	U	0.39	0.017	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,4-Dinitrotoluene	0.080	U	0.080	0.020	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2,6-Dinitrotoluene	0.080	U	0.080	0.013	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Chloronaphthalene	0.39	U	0.39	0.018	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Chlorophenol	0.39	U	0.39	0.0055	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Methylnaphthalene	**0.010**	**J**	0.39	0.0049	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Methylphenol	0.39	U	0.39	0.0064	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
2-Nitrophenol	0.39	U	0.39	0.013	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
3 & 4 Methylphenol	0.39	U	0.39	0.0067	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
3-Nitroaniline	0.39	U	0.39	0.021	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.064	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.0051	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.0066	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Chloroaniline	0.39	U	0.39	0.028	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.0062	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Methylphenol	0.39	U	0.39	0.0067	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
4-Nitrophenol	0.80	U	0.80	0.064	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Acenaphthene	0.39	U	0.39	0.029	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Acenaphthylene	**0.021**	**J**	0.39	0.0041	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Acetophenone	0.39	U	0.39	0.0064	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1

Client Sample ID: RX-9_1.0-2.5

Date Collected: 10/01/18 11:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-1

Matrix: Solid
Percent Solids: 83.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.39	U	0.39	0.0044	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzaldehyde	0.39	U	0.39	0.017	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzo[a]anthracene	**0.034**	**J**	0.039	0.014	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzo[a]pyrene	**0.025**	**J**	0.039	0.011	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzo[b]fluoranthene	**0.041**		0.039	0.010	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzo[g,h,i]perylene	**0.022**	**J**	0.39	0.012	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Benzo[k]fluoranthene	**0.012**	**J**	0.039	0.0077	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.014	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.0048	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Caprolactam	0.39	U	0.39	0.024	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Carbazole	0.39	U	0.39	0.0046	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Chrysene	**0.030**	**J**	0.39	0.0067	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Dibenzofuran	**0.017**	**J**	0.39	0.0055	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Diethyl phthalate	0.39	U	0.39	0.0057	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Dimethyl phthalate	0.39	U	0.39	0.0048	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Di-n-butyl phthalate	0.39	U	0.39	0.070	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Fluoranthene	**0.063**	**J**	0.39	0.0051	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Fluorene	**0.014**	**J**	0.39	0.0054	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Hexachlorobenzene	0.039	U	0.039	0.0058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.035	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Hexachloroethane	0.039	U	0.039	0.0061	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Indeno[1,2,3-cd]pyrene	**0.026**	**J**	0.039	0.015	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Isophorone	0.16	U	0.16	0.010	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Naphthalene	**0.037**	**J**	0.39	0.0068	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Nitrobenzene	0.039	U	0.039	0.0095	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.0063	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.0075	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Phenanthrene	**0.040**	**J**	0.39	0.0069	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Phenol	0.39	U	0.39	0.0058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1
Pyrene	**0.049**	**J**	0.39	0.0098	mg/Kg	☼	10/02/18 09:55	10/03/18 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 103*	*10/02/18 09:55*	*10/03/18 00:14*	*1*
2-Fluorobiphenyl	*61*		*38 - 95*	*10/02/18 09:55*	*10/03/18 00:14*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 92*	*10/02/18 09:55*	*10/03/18 00:14*	*1*
Nitrobenzene-d5 (Surr)	*57*		*37 - 94*	*10/02/18 09:55*	*10/03/18 00:14*	*1*
Phenol-d5 (Surr)	*59*		*32 - 91*	*10/02/18 09:55*	*10/03/18 00:14*	*1*
Terphenyl-d14 (Surr)	*64*		*24 - 109*	*10/02/18 09:55*	*10/03/18 00:14*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1221	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1

Client Sample ID: RX-9_1.0-2.5

Lab Sample ID: 460-165818-1

Date Collected: 10/01/18 11:00
Date Received: 10/01/18 18:40

Matrix: Solid
Percent Solids: 83.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1242	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1248	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1254	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1260	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor-1262	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Aroclor 1268	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.011	mg/Kg	☼	10/03/18 11:51	10/03/18 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*53 - 150*	*10/03/18 11:51*	*10/03/18 23:03*	*1*
DCB Decachlorobiphenyl	*94*		*53 - 150*	*10/03/18 11:51*	*10/03/18 23:03*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8540**		21.5	7.4	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Antimony	1.1	U	1.1	0.32	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Arsenic	**2.4**		1.1	0.35	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Barium	**37.1**		2.2	0.71	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Beryllium	**0.43**		0.43	0.17	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Cadmium	1.1	U	1.1	0.36	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Calcium	**53900**		108	31.9	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Chromium	**14.4**		2.2	0.65	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Cobalt	**5.9**		2.2	0.65	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Copper	**13.5**		2.2	0.62	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Iron	**14200**		64.5	22.6	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Lead	**15.8**		0.65	0.20	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Magnesium	**31600**		108	29.9	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Manganese	**250**		4.3	1.3	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Nickel	**14.5**		2.2	0.70	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Potassium	**1910**		108	38.7	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Selenium	5.4	U	5.4	0.31	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Silver	1.1	U	1.1	0.66	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Sodium	**218**		108	33.7	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Thallium	0.43	U	0.43	0.13	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Vanadium	**16.7**		2.2	0.61	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20
Zinc	**70.4**		8.6	4.2	mg/Kg	☼	10/03/18 19:17	10/04/18 13:44	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.011	mg/Kg	☼	10/05/18 03:55	10/05/18 08:44	1

Client Sample ID: RX-10-1.0-3.0

Lab Sample ID: 460-165818-2

Date Collected: 10/01/18 14:00
Date Received: 10/01/18 18:40

Matrix: Solid
Percent Solids: 88.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1

Client Sample ID: RX-10-1.0-3.0

Date Collected: 10/01/18 14:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-2

Matrix: Solid
Percent Solids: 88.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00016	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00018	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00016	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.000081	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2,4-Trimethylbenzene	**0.0029**		0.00088	0.000082	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00040	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00013	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,3,5-Trimethylbenzene	**0.0012**		0.00088	0.00010	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00014	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.000088	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
1,4-Dioxane	0.018	U	0.018	0.0081	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
2-Butanone (MEK)	**0.0016**	**J**	0.0044	0.00097	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
2-Hexanone	0.0044	U	0.0044	0.00068	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.00058	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Acetone	**0.0088**		0.0044	0.0033	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Benzene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Bromomethane	0.00088	U *	0.00088	0.00042	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Carbon disulfide	**0.00029**	**J**	0.00088	0.00023	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Carbon tetrachloride	0.00088	U	0.00088	0.00016	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chlorobenzene	0.00088	U	0.00088	0.00016	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chlorobromomethane	0.00088	U	0.00088	0.00025	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chlorodibromomethane	0.00088	U	0.00088	0.00017	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chloroform	0.00088	U	0.00088	0.00028	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00013	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Ethylbenzene	**0.00024**	**J**	0.00088	0.00017	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Ethylene Dibromide	0.00088	U	0.00088	0.00016	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Isopropylbenzene	**0.00024**	**J**	0.00088	0.00011	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00011	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Methylcyclohexane	0.00088	U	0.00088	0.00014	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Methylene Chloride	0.00088	U	0.00088	0.00014	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
m-Xylene & p-Xylene	**0.00061**	**J**	0.00088	0.00015	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
n-Butylbenzene	0.00088	U	0.00088	0.00012	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
N-Propylbenzene	0.00088	U	0.00088	0.00015	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
o-Xylene	**0.00070**	**J**	0.00088	0.000083	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
sec-Butylbenzene	0.00088	U	0.00088	0.000077	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Styrene	0.00088	U	0.00088	0.00011	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
tert-Butylbenzene	0.00088	U	0.00088	0.00011	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1

Client Sample ID: RX-10-1.0-3.0

Date Collected: 10/01/18 14:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-2

Matrix: Solid
Percent Solids: 88.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00088	U	0.00088	0.00013	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Toluene	0.00088	U	0.00088	0.00055	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Trichloroethene	0.00088	U	0.00088	0.00013	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1
Xylenes, Total	**0.0013**	**J**	0.0018	0.00022	mg/Kg	☼	10/02/18 08:11	10/02/18 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*78 - 135*	*10/02/18 08:11*	*10/02/18 21:40*	*1*
4-Bromofluorobenzene	*101*		*67 - 126*	*10/02/18 08:11*	*10/02/18 21:40*	*1*
Dibromofluoromethane (Surr)	*85*		*61 - 149*	*10/02/18 08:11*	*10/02/18 21:40*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*10/02/18 08:11*	*10/02/18 21:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.032**	**J**	0.37	0.0049	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0049	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.012	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.019	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4-Dichlorophenol	0.15	U	0.15	0.0078	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,4-Dinitrotoluene	0.075	U	0.075	0.019	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2,6-Dinitrotoluene	0.075	U	0.075	0.012	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Chlorophenol	0.37	U	0.37	0.0052	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Methylnaphthalene	**0.11**	**J**	0.37	0.0046	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Methylphenol	0.37	U	0.37	0.0060	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
2-Nitrophenol	0.37	U	0.37	0.012	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
3 & 4 Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
3-Nitroaniline	0.37	U	0.37	0.020	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.060	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0048	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.0062	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Chloroaniline	0.37	U	0.37	0.026	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0058	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Methylphenol	0.37	U	0.37	0.0063	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Acenaphthene	**0.29**	**J**	0.37	0.027	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Acenaphthylene	0.37	U	0.37	0.0038	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Acetophenone	0.37	U	0.37	0.0060	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Anthracene	**0.53**		0.37	0.0041	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Atrazine	0.15	U	0.15	0.0094	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1

Client Sample ID: RX-10-1.0-3.0

Date Collected: 10/01/18 14:00
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-2

Matrix: Solid
Percent Solids: 88.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Benzo[a]anthracene	**0.36**		0.037	0.013	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Benzo[a]pyrene	**0.15**		0.037	0.0099	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Benzo[b]fluoranthene	**0.23**		0.037	0.0096	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Benzo[g,h,i]perylene	**0.058**	**J**	0.37	0.011	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Benzo[k]fluoranthene	**0.13**		0.037	0.0073	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.013	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.0045	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Bis(2-ethylhexyl) phthalate	**0.065**	**J**	0.37	0.020	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Butyl benzyl phthalate	**0.027**	**J**	0.37	0.017	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Caprolactam	0.37	U	0.37	0.022	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Carbazole	**0.18**	**J**	0.37	0.0043	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Chrysene	**0.35**	**J**	0.37	0.0063	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Dibenz(a,h)anthracene	**0.017**	**J**	0.037	0.016	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Dibenzofuran	**0.32**	**J**	0.37	0.0052	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Dimethyl phthalate	0.37	U	0.37	0.0045	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Di-n-butyl phthalate	0.37	U	0.37	0.065	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Fluoranthene	**2.2**		0.37	0.0048	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Fluorene	**0.56**		0.37	0.0050	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Hexachlorobenzene	0.037	U	0.037	0.0054	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Hexachloroethane	0.037	U	0.037	0.0057	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Indeno[1,2,3-cd]pyrene	**0.070**		0.037	0.014	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Isophorone	0.15	U	0.15	0.0098	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Naphthalene	**0.42**		0.37	0.0064	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Nitrobenzene	0.037	U	0.037	0.0089	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.0059	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0071	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Phenanthrene	**2.8**		0.37	0.0065	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Phenol	0.37	U	0.37	0.0055	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1
Pyrene	**1.7**		0.37	0.0092	mg/Kg	☼	10/02/18 09:55	10/02/18 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 103*	*10/02/18 09:55*	*10/02/18 22:42*	*1*
2-Fluorobiphenyl	*53*		*38 - 95*	*10/02/18 09:55*	*10/02/18 22:42*	*1*
2-Fluorophenol (Surr)	*49*		*25 - 92*	*10/02/18 09:55*	*10/02/18 22:42*	*1*
Nitrobenzene-d5 (Surr)	*46*		*37 - 94*	*10/02/18 09:55*	*10/02/18 22:42*	*1*
Phenol-d5 (Surr)	*50*		*32 - 91*	*10/02/18 09:55*	*10/02/18 22:42*	*1*
Terphenyl-d14 (Surr)	*57*		*24 - 109*	*10/02/18 09:55*	*10/02/18 22:42*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8870**		19.9	6.8	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Antimony	1.0	U	1.0	0.29	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Arsenic	**2.1**		1.0	0.32	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Barium	**50.9**		2.0	0.66	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20

Client Sample ID: RX-10-1.0-3.0

Lab Sample ID: 460-165818-2

Date Collected: 10/01/18 14:00
Date Received: 10/01/18 18:40

Matrix: Solid
Percent Solids: 88.9

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.47**		0.40	0.16	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Cadmium	1.0	U	1.0	0.33	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Calcium	**50200**		99.5	29.6	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Chromium	**15.7**		2.0	0.60	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Cobalt	**20.2**		2.0	0.60	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Copper	**14.2**		2.0	0.57	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Iron	**13700**		59.7	20.9	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Lead	**24.9**		0.60	0.19	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Magnesium	**27900**		99.5	27.7	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Manganese	**293**		4.0	1.2	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Nickel	**15.1**		2.0	0.65	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Potassium	**2630**		99.5	35.8	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Selenium	5.0	U	5.0	0.29	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Silver	1.0	U	1.0	0.62	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Sodium	**558**		99.5	31.2	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Thallium	0.40	U	0.40	0.12	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Vanadium	**19.7**		2.0	0.57	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20
Zinc	**72.7**		8.0	3.9	mg/Kg	☼	10/03/18 19:17	10/04/18 13:47	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**		0.019	0.011	mg/Kg	☼	10/05/18 03:55	10/05/18 08:46	1

Client Sample ID: RX-12_2.5-4.0

Lab Sample ID: 460-165818-3

Date Collected: 10/01/18 15:45
Date Received: 10/01/18 18:40

Matrix: Solid
Percent Solids: 92.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00021	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00018	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00020	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00018	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.000091	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.000093	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00014	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00011	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00016	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.000099	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
1,4-Dioxane	0.020	U	0.020	0.0091	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
2-Butanone (MEK)	0.0050	U	0.0050	0.0011	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
2-Hexanone	0.0050	U	0.0050	0.00077	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.00066	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Acetone	0.0050	U	0.0050	0.0038	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1

Client Sample ID: RX-12_2.5-4.0

Date Collected: 10/01/18 15:45
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-3

Matrix: Solid
Percent Solids: 92.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Bromomethane	0.00099	U *	0.00099	0.00047	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Carbon tetrachloride	0.00099	U	0.00099	0.00018	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chlorobenzene	0.00099	U	0.00099	0.00018	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chlorobromomethane	0.00099	U	0.00099	0.00028	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chlorodibromomethane	0.00099	U	0.00099	0.00019	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chloroform	0.00099	U	0.00099	0.00032	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00015	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Ethylbenzene	0.00099	U	0.00099	0.00020	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Ethylene Dibromide	0.00099	U	0.00099	0.00018	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Isopropylbenzene	0.00099	U	0.00099	0.00012	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00012	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Methylcyclohexane	0.00099	U	0.00099	0.00016	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Methylene Chloride	0.00099	U	0.00099	0.00016	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00017	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
n-Butylbenzene	0.00099	U	0.00099	0.00014	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
N-Propylbenzene	0.00099	U	0.00099	0.00017	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
o-Xylene	0.00099	U	0.00099	0.000094	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
sec-Butylbenzene	0.00099	U	0.00099	0.000087	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Styrene	0.00099	U	0.00099	0.00012	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
tert-Butylbenzene	0.00099	U	0.00099	0.00012	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Tetrachloroethene	**0.00022**	**J**	0.00099	0.00014	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Toluene	0.00099	U	0.00099	0.00062	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Trichloroethene	0.00099	U	0.00099	0.00014	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1
Xylenes, Total	0.0020	U	0.0020	0.00025	mg/Kg	☼	10/02/18 08:12	10/02/18 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 135*	*10/02/18 08:12*	*10/02/18 22:04*	*1*
4-Bromofluorobenzene	*96*		*67 - 126*	*10/02/18 08:12*	*10/02/18 22:04*	*1*
Dibromofluoromethane (Surr)	*99*		*61 - 149*	*10/02/18 08:12*	*10/02/18 22:04*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*10/02/18 08:12*	*10/02/18 22:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0047	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0047	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1

Client Sample ID: RX-12_2.5-4.0

Date Collected: 10/01/18 15:45
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-3

Matrix: Solid
Percent Solids: 92.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.012	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.018	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4-Dichlorophenol	0.14	U	0.14	0.0075	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,4-Dinitrotoluene	0.072	U	0.072	0.018	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Chlorophenol	0.36	U	0.36	0.0050	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Methylnaphthalene	**0.014**	**J**	0.36	0.0045	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Methylphenol	0.36	U	0.36	0.0058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
2-Nitrophenol	0.36	U	0.36	0.011	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
3 & 4 Methylphenol	0.36	U	0.36	0.0061	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
3-Nitroaniline	0.36	U	0.36	0.019	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0046	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.0059	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Chloroaniline	0.36	U	0.36	0.025	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0056	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Methylphenol	0.36	U	0.36	0.0061	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Acenaphthene	**0.053**	**J**	0.36	0.026	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Acenaphthylene	**0.026**	**J**	0.36	0.0037	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Acetophenone	0.36	U	0.36	0.0058	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Anthracene	**0.15**	**J**	0.36	0.0040	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Atrazine	0.14	U	0.14	0.0090	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzaldehyde	0.36	U	0.36	0.016	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzo[a]anthracene	**0.56**		0.036	0.012	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzo[a]pyrene	**0.44**		0.036	0.0095	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzo[b]fluoranthene	**0.55**		0.036	0.0092	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzo[g,h,i]perylene	**0.27**	**J**	0.36	0.011	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Benzo[k]fluoranthene	**0.13**		0.036	0.0070	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.012	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.0043	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Bis(2-ethylhexyl) phthalate	**0.023**	**J**	0.36	0.019	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Butyl benzyl phthalate	**0.037**	**J**	0.36	0.017	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Caprolactam	0.36	U	0.36	0.021	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Carbazole	**0.047**	**J**	0.36	0.0042	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Chrysene	**0.58**		0.36	0.0060	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Dibenz(a,h)anthracene	**0.064**		0.036	0.015	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Dibenzofuran	**0.018**	**J**	0.36	0.0050	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Diethyl phthalate	0.36	U	0.36	0.0052	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Dimethyl phthalate	0.36	U	0.36	0.0043	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Di-n-butyl phthalate	0.36	U	0.36	0.063	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1

Client Sample ID: RX-12_2.5-4.0

Date Collected: 10/01/18 15:45
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-3

Matrix: Solid
Percent Solids: 92.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**0.87**		0.36	0.0046	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Fluorene	**0.048**	**J**	0.36	0.0048	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Hexachlorobenzene	0.036	U	0.036	0.0052	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Hexachloroethane	0.036	U	0.036	0.0055	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Indeno[1,2,3-cd]pyrene	**0.31**		0.036	0.014	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Isophorone	0.14	U	0.14	0.0094	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Naphthalene	**0.016**	**J**	0.36	0.0062	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Nitrobenzene	0.036	U	0.036	0.0086	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.0057	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0068	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Phenanthrene	**0.79**		0.36	0.0063	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Phenol	0.36	U	0.36	0.0053	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1
Pyrene	**1.1**		0.36	0.0089	mg/Kg	☼	10/02/18 09:55	10/03/18 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 103*	*10/02/18 09:55*	*10/03/18 00:36*	*1*
2-Fluorobiphenyl	*57*		*38 - 95*	*10/02/18 09:55*	*10/03/18 00:36*	*1*
2-Fluorophenol (Surr)	*55*		*25 - 92*	*10/02/18 09:55*	*10/03/18 00:36*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 94*	*10/02/18 09:55*	*10/03/18 00:36*	*1*
Phenol-d5 (Surr)	*57*		*32 - 91*	*10/02/18 09:55*	*10/03/18 00:36*	*1*
Terphenyl-d14 (Surr)	*63*		*24 - 109*	*10/02/18 09:55*	*10/03/18 00:36*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.0096	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1221	0.072	U	0.072	0.0096	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1232	0.072	U	0.072	0.0096	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1242	0.072	U	0.072	0.0096	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1248	0.072	U	0.072	0.0096	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1254	0.072	U	0.072	0.0099	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1260	0.072	U	0.072	0.0099	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor-1262	0.072	U	0.072	0.0099	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Aroclor 1268	0.072	U	0.072	0.0099	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.0099	mg/Kg	☼	10/03/18 11:51	10/03/18 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*53 - 150*	*10/03/18 11:51*	*10/03/18 23:19*	*1*
DCB Decachlorobiphenyl	*90*		*53 - 150*	*10/03/18 11:51*	*10/03/18 23:19*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8360**		19.3	6.6	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Antimony	0.97	U	0.97	0.28	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Arsenic	**3.6**		0.97	0.31	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Barium	**78.7**		1.9	0.64	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Beryllium	**0.35**	**J**	0.39	0.16	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Cadmium	**1.9**		0.97	0.32	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20

Client Sample ID: RX-12_2.5-4.0

Date Collected: 10/01/18 15:45
Date Received: 10/01/18 18:40

Lab Sample ID: 460-165818-3

Matrix: Solid
Percent Solids: 92.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	69400		96.5	28.7	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Chromium	14.4		1.9	0.58	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Cobalt	5.8		1.9	0.58	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Copper	28.4		1.9	0.55	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Iron	11600		57.9	20.3	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Lead	94.7		0.58	0.18	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Magnesium	36600		96.5	26.8	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Manganese	250		3.9	1.2	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Nickel	14.0		1.9	0.63	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Potassium	2430		96.5	34.8	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Selenium	4.8	U	4.8	0.28	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Silver	1.0		0.97	0.60	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Sodium	452		96.5	30.2	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Thallium	0.13	J	0.39	0.12	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Vanadium	20.0		1.9	0.55	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20
Zinc	206		7.7	3.8	mg/Kg	☼	10/03/18 19:17	10/04/18 13:58	20

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.018	0.010	mg/Kg	☼	10/05/18 03:55	10/05/18 08:48	1