SESI
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# REMEDIAL INVESTIGATION REPORT

**For:**

**316 Huguenot Street**
**New Rochelle, New York**

**Prepared for:**

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## CERTIFICATIONS

"I, Fuad Dahan, certify that I am currently a NYS registered professional engineer or Qualified Environmental Professional as defined in 6 NYCRR Part 375] and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications."

Fuad Dahan

| NYS Professional Engineer (# 090531) | Date | Signature |
|---|---|---|

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# EXECUTIVE SUMMARY

Allstate Acquisitions LLC (the "Volunteers) plans to enter into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate the 316 Huguenot Street property (herein referred to as the "Site"). The Site is located in the City of New Rochelle's Downtown Business District and is comprised of a single lot with an area of approximately 0.28-acres.

This Remedial Investigation Report (RIR) summarizes the results of prior investigations and the Remedial Investigation (RI) performed on the Site. The RI consisted of collecting ten (10) soil samples from nine (9) soil borings, three (3) groundwater samples, and two (2) soil vapor samples. Soil, groundwater, and soil vapor samples were collected for the investigation of Areas of Concerns (AOCs) that were identified during the previous Phase I ESA prepared by Team Environmental Consultants, Inc (TEC) which included historical Site operations that included a Firestone tire and automotive repair facility garages and a filling station.

Samples were analyzed for a combination of full target compound list (TCL) and target analyte list (TAL) analytes – which include volatile organic compounds (USEPA Method 8260), metals (USEPA Methods 6010/7471), semi-volatile organic compounds (USEPA Method 8270), PCBs and pesticides (USEPA Methods 8081/8082), and PFAS (USEPA Method 537), and 1,4 dioxane (USEPA Method 8270). Field blanks and matrix spike/matrix duplicate samples were analyzed for TCL/TAL PFAS and 1.4 dioxane. Trip blanks accompanied all samples analyzed for volatile organic compounds (VOCs). The soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

- Results of the RIR identified that the Site soils have been impacted with semi-VOCs (SVOC) and metals impacts at concentrations that exceed the Restricted Residential Soil Cleanup Objectives (RRSCOs).
- The Site's groundwater is impacted with VOC's, SVOCs, and metals at concentrations above NYSDEC Technical Operational Guidance Series (TOGS) 1.1.1 GA Ambient Water Quality Standards and Guidance Values for groundwater (AQWS). PFOA and PFOS were not reported at concentrations exceeding the NYSDEC Groundwater Screening Level of 0.10 µg/L (or 100 ppt) in each of the three groundwater samples.
- The RI identified VOCs in soil vapor. The greatest concentrations of detections were

petroleum hydrocarbon (PHC) VOC including benzene (315 ug/$m^3$), 1,2,4-trimethylbenzene (375 ug/$m^3$), 1,3,5-trimethylbenzene (109 ug/$m^3$), 1,3-Butadiene (33.6 ug/$m^3$) 2,2,4-Trimethylbenzene (509 ug/$m^3$), 4-Ethyltoluene (54.1 ug/$m^3$), 2-Butanone (30.1 ug/$m^3$), ethylbenzene (229 ug/$m^3$), heptane (615 ug/$m^3$), cyclohexane (198 ug/$m^3$), n-hexane (1,180 ug/$m^3$), isopropanol (24.4 ug/$m^3$), xylenes (1,295 ug/$m^3$), and toluene (1,730 ug/$m^3$). Exceedances of their respective USEPA Target Sub-Slab and Near-source Sol Gas Concentration were identified for Benzene (12 ug/$m^3$), 1,2,4-trimethylbenzene (209 ug/$m^3$), 1,3-Butadiene (3 ug/$m^3$), ethylbenzene (37 ug/$m^3$), and xylenes (348 ug/$m^3$).

## 1.0 INTRODUCTION

Allstate Acquisitions LLC, the Volunteer for the property known as 316 Huguenot Street ("Site") plan to enter into a Brownfield Cleanup Agreement (BCA) with the NYSDEC. A Site Location Map (Topographic Map) is presented as **Figure 1 in Appendix A.** This document consists of a RIR. This RIR is a summary of the investigative work that has previously been performed at the Site.

The RI was completed in accordance with the NYSDEC DER-10, to provide a systematic assessment of environmental conditions on the Site. The RI defines the nature and extent of contamination on-Site, identifying contaminant source areas, and producing data of sufficient quantity and quality to complete an on-site exposure assessment and a qualitative off-site exposure assessment for purposes of designing the remedial action for the Site.

# 2.0 BACKGROUND

## 2.1 Site Description

The Site is located at 316 Huguenot Street in the City of New Rochelle, Westchester County, New York. The Site is an approximately 0.28-acre property and is located on western side of Westchester Place, north of Centre Avenue and east of Huguenot Street, and is identified on the Westchester County tax maps as Section 2 – Block 415 – Lot No. 13. The Site is located in the City of New Rochelle's Downtown Business/ D0-2 Overlay Zoning District. A map depicting the boundaries of the property is provided as **Figure 2** in **Appendix A.**

## 2.2 Site History

Historically, from 1911 to 1951, the Site was improved with a retail filling station and a Firestone tire and automotive repair garage. Sometime after 1951, the filling station was razed, and a commercial building was constructed that has been historically operated by Modern Hardware and Wallauer Paint and Design as a retail home improvement businesses. Most recently Kent Supply Company occupied the building for the sale of plumbing supplies, which continues to operate on the Site as a month-to-month tenant for the sale of plumbing supplies.

## 2.3 Previous Environmental Investigations

The following environmental reports, provided **in Appendix B**, are summarized below:

- Phase I Environmental Site Assessment Report (316 Huguenot Street), prepared by TEC, dated October 3, 2019;
- Analytical Data and soil boring plan, prepared by EBC, received September 10, 2020.

### 2.3.1 Phase I Environmental Site Assessment by TEC (October 2019)

Team Environmental Consultants, Inc. (TEC) conducted a Phase I Environmental Site Assessment for the 316 Huguenot Street portion of the Site in October 2019. No Recognized Environmental Concerns (RECs) were identified.

# 3.0 SITE SETTING

## 3.1 TOPOGRAPHY

According to the United States Geological Survey (USGS) Mount Vernon, 2013, 7.5-minute topographic map, the Site's average topographic elevation is approximately 107-feet above mean sea level (msl). The topographic map indicates that the topography at the Site is relatively flat with regional topography sloping gently to the west.

## 3.2 SURFACE WATER AND DRAINAGE

There are no surface water bodies or streams on or directly adjacent to the Site. SESI did not observe any areas suspected to be wetlands on the Site. Storm water drainage patterns are generally consistent with the surrounding topography and primarily flow to the west.

## 3.3 GEOLOGY

According to the 1970 Geologic Map of New York – Lower Hudson Sheet published by the University of the State of New York, the bedrock underlying the site is of the Hartland Formation, and is comprised primarily of basal amphibolite gneiss overlain by politic schists. Surficial soils are comprised of dark brown and gray coarse to fine grained sand, gravel and clay to depths of 6 to 15 feet below ground surface (ft-bgs) where refusal as encountered on weathered bedrock. Fill material is generally present at the Site from beneath the asphalt layer to between 3.5 and 7 ft-bgs. According to the 1970 Geologic Map of New York – Lower Hudson Sheet published by the University of the State of New York, the bedrock underlying the site is of the Hartland Formation, and is comprised primarily of basal amphibolite gneiss overlain by politic schists.

## 3.4 HYDROGEOLOGY

Between all investigation activities, groundwater was encountered at depths ranging from approximately 7.5 to 10.5 ft-bgs during SESI field work in September and October 2020. The groundwater flow direction has not been calculated. However, based on nearby Site data, groundwater is anticipated to flow to the west/southwest. Groundwater flow direction will be confirmed during the RAWP implementation.

## 4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI was conducted in accordance with the NYSDEC DER-10. The objective of the RI was to complete the investigation of soil, soil vapor, and groundwater on the Site and to delineate the nature and extent of the contamination on Site.

## 4.1 RI SAMPLING SUMMARY

Field activities were completed between August 4, 2020 and October 27, 2020. Nine (9) soil borings, three (3) permanent groundwater monitoring wells, and two (2) soil vapor points were installed and sampled on the Site. **Table 1 in Appendix C** includes a summary of the samples collected and their analyses. **Figures 4.1, 4.2, and 4.3 in Appendix A** present the sample locations for soil, groundwater, and soil vapor respectively.

The soil and groundwater samples that were collected were analyzed for TCL/TAL +30 including metals (USEPA Methods 6010/7471), SVOCs (USEPA Method 8270), VOCs (USEPA Method 8270), PCBs, pesticides (USEPA Methods 8081/8082), PFAS (USEPA EPA Method 537), and 1,4 dioxane (USEPA Method 8270). Field Blanks were collected each day sampling was conducted, and trip blanks accompanied all samples analyzed for VOCs. The soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

## 4.2 INVESTIGATION METHODOLOGY

All field work performed by SESI was completed under the on-Site observation of a SESI field engineer and the environmental professional engineer (PE). The field work involved advancing borings, installing permanent wells, and soil vapor points. Disposable field equipment was utilized to collect soil and groundwater samples. SESI observed the work completed by the following subcontractors:

- Enviroprobe Service, Inc. – Advanced one (1) soil boring and installed two (2) soil vapor points utilizing direct push drilling techniques for laboratory analysis;
- American Geophysics, Inc. – Conducted a geophysical survey to locate underground utilities and anomalies consistent with USTs;
- Envirodrilling and Contracting, Inc. – Advanced two (2) soil borings and installed one (1) permanent monitoring wells utilizing direct push and hollow stem auger/rock coring drilling techniques for laboratory analysis;
- Alpha Analytical, Inc., Massachusetts Laboratory – Analyzed soil, groundwater, and soil vapor samples as per requested analytical methods.

## 4.3 SOIL BORINGS AND SAMPLING

A total of ten (10) soil samples were collected from nine (9) soil borings. Four (4) of the soil samples were collected by SESI in September and October of 2020. Six (6) of the soil samples were collected by Environmental Business Consultants (EBC) in August of 2020. The borings were advanced utilizing direct-push and hollow stem augur drilling techniques. **Table 1** in **Appendix C** presents the soil sampling summary. Soil boring locations are presented in **Figure 4.1.** Borings were advanced to depths ranging from 6 to 15 ft-bgs. Soil samples collected utilizing a macro-core and split–spoon samplers. Samples for laboratory chemical analyses were collected based on field screening, which includes visual and olfactory observations and screening with photo-ionization detector (PID). The boring logs, which provide continuous description of the sampled soil column, are provided in **Appendix D**.

Prior to drilling activities, a geophysical survey was conducted across the Site to locate USTs and any underground utilities not identified by the one-call system. Results of the geophysical survey identified numerous underground utilities through-out the Site. Geophysical anomalies indicative of USTs were not identified. The GPR report is provided in **Appendix E.**

## 4.4 MONITORING WELL INSTALLATIONS

Three (3) permanent groundwater monitoring wells were installed to investigate groundwater on the Site. **Table 1** in **Appendix C** presents the groundwater sampling summary. Groundwater sample locations are presented on **Figure 4.2** in **Appendix B**. Groundwater samples were analyzed for TCL/TAL +30, PFAS, and 1-4 dioxane. The depth of the overburden wells ranged from 12.5 to 16 ft-bgs and the depth of the bedrock well is 17 ft-bgs. The depth of water table was determined to vary from 9 to 10.5 ft bgs across the Site. The permanent wells were constructed utilizing 1-inch PVC pipe with 20 (0.020 inches) slot screen. The overburden wells (GW-1, GW-2) were constructed with 5 ft of well screen to top of rock which varied from 12.5 to 16 ft-bgs. Bedrock well MW-2D was constructed with well screen from 12 to 17 ft-bgs. The PVC screen was surrounded by #2 filter sand. The filter sand extends at least about 1 foot above the screen. Bentonite about 1 foot thick was then placed on top of the filter sand and the remaining annular space around the PVC riser was grouted with cement/bentonite mix. The wells were subsequently completed with protective steel manholes as flush mount.

The monitoring wells were developed until the purge water being pumped was free of sediment, or the well no longer had groundwater present, whichever was encountered first. The development water was collected in drums for disposal off-site. **Appendix D** includes the monitoring well construction logs.

## 4.5 GROUNDWATER SAMPLING

From September 24, 2020 to October 29, 2020, the monitoring wells were sampled in accordance with USEPA low flow sampling procedures. When possible, approximately three (3) well volumes were purged, and the purge water was piped to a "flow cell," where groundwater geochemical parameters such as pH, redox potential, specific conductance, dissolved oxygen, salinity and turbidity were measured. Drawdown during the well sampling was also measured. Field parameters including pH, dissolved oxygen, turbidity, specific conductance and oxidation/reduction potential (ORP) were measured. Groundwater samples were collected once these parameters stabilized for three consecutive readings. **Appendix F** includes the purge data for the groundwater monitoring wells.

## 4.6 SOIL GAS INVESTIGATION

### *4.6.1 Soil Vapor Sampling*

On September 25, 2020 SESI collected two (2) soil vapor samples (SV-5 and SV-6) across the Site. The soil vapor points were collected at depths of 6 to 7 ft-bgs and at least one (1) foot above the groundwater table in the sample's vicinity. Soil gas samples were collected in accordance with the Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

### *4.6.2 Sampling Procedure*

Semi-permanent soil vapor probes were installed with an adequate surface seal to prevent outdoor air infiltration at each sampling location. Soil gas implants were installed using a direct push Geoprobe® to attain the depths as noted in **Table 1** in **Appendix A**. The soil vapor sample locations are presented in **Figure 4.3** in **Appendix B**. Porous, inert backfill packer sand was used to create a sampling column of 2 feet in length. The implants were fitted with inert Teflon® tubing to the surface. Soil vapor probes were sealed above the sampling zone with a bentonite slurry for a minimum distance of 3 feet. The remainder of the borehole was backfilled with clean material.

Prior to sampling, the soil vapor points were purged three times the volume of the sample probe and tube. Flow rates for both purging and collecting were maintained below 0.2 liters per minute to minimize outdoor air infiltration during sampling. Samples were collected in certified 2.7-L Summa ® canisters provided by the laboratory. All the samples were sent to Alpha (an ELAP-accredited) laboratory for EPA TO-15 analysis.

## 5.0 REMEDIAL INVESTIGATION RESULTS

For purposes of evaluating the remedial alternatives associated with the proposed Site redevelopment, the analytical results of the soil samples were compared to the NYSDEC Unrestricted Use Soil Cleanup Criteria (USCOs), Residential Soil Cleanup Criteria (RSCOs) and Restricted-Residential Soil Cleanup Criteria (RRSCOs) as presented in **Table 2 in Appendix C**. The constituent concentrations in groundwater were compared to the applicable NYSDEC TOGS Class GA AWQS as presented in **Table 3 in Appendix C**. The soil vapor data is presented in Table **4 in Appendix C**. Sampling locations and concentrations maps for soil, groundwater, and soil vapor are identified in **Figures 4.1, 4.2, and 4.3 in Appendix A**. The laboratory data packages for soil, soil vapor and groundwater results are included as **Appendix G**. The Data Usability Summary Report (DUSR) are included in **Appendix H** of this report.

## 5.1 SOIL INVESTIGATION RESULTS

**Table 5.1** below presents a summary of the SVOC exceedances in soil samples. As presented on **Table 5.1** and **Figure 4.1**, PAHs including benzo[a]anthracene, benzo(a)pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were identified in three (3) soil samples from three (3) soil boring locations at concentrations that exceeded the USCO and/or RRSCO. The highest concentrations of PAHs were detected in soil from sample locations 316B4 FILL and 316B3 FILL, collected by EBC. SVOCs were identified in soil samples from across the Site in the historic fill. EBC's samples were reportedly collected as discrete samples. However, sample depths were not provided. As a result, it is anticipated that the SVOC exceedances were identified within the extent of the Site fill from grade to 7 ft-bgs.

**Table 5.1 Summary of PAHs Exceedances in Soil**

| Sample ID | 316B4 FILL | | 316B3 FILL | | SB-4 (1-2) | |
|---|---|---|---|---|---|---|
| Depth | Unknown | | Unknown | | 2' | |
| Sampler | EBC | | EBC | | SESI | |
| Date Collected | 8/4/2020 | | 8/4/2020 | | 9/25/2020 | |
| SVOC BY 8270B mg/kg | Result (mg/kg) | Q | Result (mg/kg) | Q | Result (mg/kg) | Q |
| Benzo(a)anthracene | **2.8** | | **6.1** | | 0.76 | |
| Benzo(a)pyrene | **3.5** | | **5.3** | | 0.8 | |
| Benzo(b)fluoranthene | **4.2** | | **5.7** | | 1 | |
| Benzo(k)fluoranthene | **3.1** | | **3.4** | | 0.37 | |
| Chrysene | **3.6** | | **6** | | 0.69 | |
| Dibenzo(a,h)anthracene | **0.73** | | **1** | | 0.12 | |
| Indeno(1,2,3-cd)pyrene | **2.6** | | **3.2** | | **0.53** | |

Highlighted Concentrations shown in bold type face exceed USCO
Highlighted Concentrations shown in bold type face exceed RRSCO
All units in mg/kg
U - Not detected at the reported detection limit for the sample.
J = Estimated Concentration

**Table 5.2** below presents a summary of the metal exceedances in soil samples. As presented on **Table 5.2** and **Figure 4.1**, metals exceedances including arsenic, chromium, copper, lead, mercury, nickel, and zinc were identified in six (6) soil samples collected from six (6) soil boring locations at concentrations exceeding their respective USCOs and/or RRSCOs. EBC's samples were reportedly collected as discrete samples. However, sample depths were not provided. As a result, it is anticipated that the depth of metals exceedances ranged from grade to 7 ft-bgs across the Site.

As presented in **Table 5.2** below, arsenic, chromium, copper, lead, mercury, and zinc were detected at concentrations exceeding their USCOs. Arsenic was detected in one (1) sample at 16.9 mg/kg which is above the RRSCO of 16 mg/kg. Lead was detected in three (3) samples at concentrations ranging from 518 to 1,390 mg/kg, which exceed the lead RRSCO of 400 mg/kg.

**Table 5.2 Summary of Metals Exceedances in Soil**

| Sample ID | 316B6 FILL | | 316B5 FILL | | 316B4 FILL | | 316B3 FILL | | 316B2 FILL | | SB-4 (1-2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Unknown | | Unknown | | Unknown | | Unknown | | Unknown | | 1' - 2' | |
| Sampler | EBC | | EBC | | EBC | | EBC | | EBC | | SESI | |
| Date Collected | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 9/25/2020 | |
| METALS BY 6010B mg/kg | Result (mg/kg) | Q | Result (mg/kg) | Q | Result (mg/kg) | Q | Result (mg/kg) | Q | Result (mg/kg) | Q | Result (mg/kg) | Q |
| Arsenic | 6.04 | | 2.59 | | **16.9** | | 4.91 | | 1.79 | | 8.44 | |
| Chromium | 22.4 | | 26 | | 16.7 | | 17.6 | | **35** | | 17.2 | |
| Copper | 37.6 | | **58.4** | | **77.1** | | 41.7 | | **31.4** | | **62.6** | |
| Lead | **107** | | **1390** | | **518** | | **276** | | 12.7 | | **550** | |
| Mercury | 0.08 | | 0.08 | | **0.3** | | **0.33** | | 0.03 | | **0.294** | |
| Nickel | 27.1 | | 21.7 | | 16.1 | | 18.4 | | 22.3 | | 14.9 | |
| Zinc | 92.2 | | **120** | | **149** | | **149** | | 60.3 | | **177** | |

Highlighted Concentrations shown in bold type face exceed USCO
Highlighted Concentrations shown in bold type face exceed RRSCO
All units in mg/kg
U - Not detected at the reported detection limit for the sample.
J = Estimated Concentration

## 5.2 GROUNDWATER

Three (3) permanent groundwater wells (GW-1, GW-2, and MW-2D) were sampled for TCL VOCs, SVOCs, PCBs, pesticides, total metals and PFAS. The samples were collected using the low-flow sampling technique. A discussion of PAH, metals, and VOC exceedances of the AWQS is presented below. There were no exceedances to the AWQSs in groundwater for PCBs, pesticides, 1,4-Dioxane, or PFAS.

**Table 5.4** below summarizes the groundwater exceedances of the AWQS. As presented on **Table 5.4** and **Figure 4.2**, PAHs including benzo[a]anthracene, benzo(a)pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene, were identified in one (1) groundwater sample at concentrations that exceeded the AWQS.

## Table 5.4 Summary of PAHs Exceedances in Groundwater

| Sample ID | GW-2 | |
|---|---|---|
| Sampler | SESI | |
| Date Collected | 9/24/2020 | |
| **SVOC BY 8270B** | Result (ug/L) | Q |
| Benzo(a)anthracene | **0.3** | |
| Benzo(a)pyrene | **0.29** | |
| Benzo(b)fluoranthene | **0.38** | |
| Benzo(k)fluoranthene | **0.16** | |
| Chrysene | **0.29** | |
| Indeno(1,2,3-cd)pyrene | **0.21** | |

NYSDEC AWQS = New York State Department of Environmental Conservation Ambient Water Quality Standard
Highlighted Concentrations shown in bold type face exceed limits
All units in ug/L
U - Not detected at the reported detection limit for the sample.
J = Estimated Concentration

**Table 5.5** below summarizes the groundwater exceedances of metals to the AWQS. As presented on **Table 5.5** and **Figure 4.2**, metals including barium, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, sodium, and thallium, were identified in three (3) groundwater samples at concentrations that exceeded the AWQS.

## Table 5.5 Summary of Metals and Pesticide Exceedances in Groundwater

| Sample ID | GW-1 | | GW-2 | | MW-2D | |
|---|---|---|---|---|---|---|
| Sampler | SESI | | SESI | | SESI | |
| Date Collected | 9/24/2020 | | 9/24/2020 | | 10/27/2020 | |
| **METALS BY 6010B** | Result (ug/L) | Q | Result (ug/L) | Q | Result (ug/L) | Q |
| Barium | 86.26 | | **1159** | | 45.62 | |
| Beryllium | 0.5 | U | **3.62** | | 0.11 | J |
| Chromium | 3.07 | | **190.2** | | 8.26 | |
| Copper | 2.15 | | **619.1** | | 57.84 | |
| Iron | **1710** | | **137000** | | **7300** | |
| Lead | 3.15 | | **388.9** | | 1.57 | |
| Magnesium | 26000 | | **36900** | | 2770 | |
| Manganese | **720.8** | | **4312** | | **1012** | |
| Nickel | 2.51 | | **153.6** | | 8.99 | |
| Sodium | **140000** | | 9080 | | 10300 | |
| Thallium | 1.5 | U | **1.74** | | 0.16 | J |

NYSDEC AWQS = New York State Department of Environmental Conservation Ambient Water Quality Standard
Highlighted Concentrations shown in bold type face exceed limits
All units in ug/L
U - Not detected at the reported detection limit for the sample.
J = Estimated Concentration

**Table 5.6** below summarizes the VOC groundwater exceedances. As presented on table 5.6 and **Figure 4.2**, VOC exceedances including benzene were identified in one (1) groundwater sample at concentrations exceeding their respective AWQS.

**Table 5.6 Summary of VOCs Exceedances in Groundwater**

| Sample ID | MW-2D | |
|---|---|---|
| Sampler | SESI | |
| Date Collected | 10/27/2020 | |
| VOC BY 8260B | Result (ug/L) | Q |
| Benzene | 2.1 | |

NYSDEC AWQS = New York State Department of Environmental Conservation Ambient Water Quality Standard
Highlighted Concentrations shown in bold type face exceed limits
All units in ug/L
U - Not detected at the reported detection limit for the sample.
J = Estimated Concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

## 5.3 SOIL GAS RESULTS

Two (2) temporary soil vapor points were installed an samples as shown in **Figure 4.3**. One soil vapor sample was collected from each location. Sample locations were taken to assess potential soil vapor intrusion following Site development and to determine what, if any, soil vapor is migrating onto the Site.

The greatest concentrations of detections were petroleum hydrocarbon (PHC) VOC including benzene (315 ug/$m^3$), 1,2,4-trimethylbenzene (375 ug/$m^3$), 1,3,5-trimethylbenzene (109 ug/$m^3$), 1,3-Butadiene (33.6 ug/$m^3$) 2,2,4-Trimethylbenzene (509 ug/$m^3$), 4-Ethyltoluene (54.1 ug/$m^3$), 2-Butanone (30.1 ug/$m^3$), ethylbenzene (229 ug/$m^3$), heptane (615 ug/$m^3$), cyclohexane (198 ug/$m^3$), n-hexane (1,180 ug/$m^3$), isopropanol (24.4 ug/$m^3$), xylenes (1,295 ug/$m^3$), and toluene (1,730 ug/$m^3$). Exceedances of their respective USEPA Target Sub-Slab and Near-source Soil Gas Concentration were identified for Benzene (12 ug/$m^3$), 1,2,4-trimethylbenzene (209 ug/$m^3$), 1,3-Butadiene (3 ug/$m^3$), ethylbenzene (37 ug/$m^3$), and xylenes (348 ug/$m^3$).

# 6.0 REMEDIAL INVESTIGATION FINDINGS AND SUMMARY

## 6.1 CONCEPTUAL SITE MODEL

The overall depth of impacted soils exceeding the USCOs ranged from 1 foot to 7 ft-bgs. PAH impacts exceeding both the USCO and the RSCOs soils at 1 to 7 ft-bgs depth. Metals contaminated soils exceeding the USCO and the RSCOs extends down to depths of 7 ft-bgs.

The applicable standards criteria and guidance (SCGs) for the Site groundwater are the AWQS. The Site's groundwater has been impacted with metals above the AWQS near the northern and central portions of the site. The Site's groundwater has been impacted with petroleum related SVOC, VOC, and metal compounds above NYSDEC TOGS AQWS groundwater standards across of the Site as a result of the historical land uses and potential off-site sources. Depth to groundwater has been measured at depths of 7.5 to 10.5 ft-bgs. Groundwater flow direction has not been calculated, however is presumed to flow in a west/southwesterly direction across the Site based upon the topography.

The pathway of the contaminated groundwater to human receptors is limited to the ingestion of the groundwater or direct exposure through excavation work. However, groundwater in this area of New Rochelle is not used for drinking. In addition, the impacted Site groundwater is not likely to have an ecological pathway since the nearest surface water receptor is 0.5 miles east of the Site.

Finally, the VOCs detected in soil vapor can result in soil vapor intrusion into the future on-Site buildings. A vapor intrusion evaluation will be needed for this Site proposed enclosed areas as these VOCs may result in soil vapor intrusion into the future on-Site buildings.

## 6.2 HUMAN HEALTH EXPOSURE ASSESSMENT

This exposure assessment discusses potential migration routes by which chemicals in the environment may be able to reach human receptors in accordance with NYSDEC DER-10 sections 3.14(c)17, 3.3(c)4 and Appendix 3B. This discussion is based on current and hypothetical future site conditions at the investigation area.

An exposure assessment must evaluate five (5) elements that comprise an exposure pathway. A complete exposure pathway includes the following:

1. A description of the contaminant source. If the original source is unknown, then a description of the contaminated environmental medium at the point of exposure;
2. An explanation of the transport mechanism;

3. An identification of all potential exposure points;
4. A description of the exposure route at the contact point; and
5. A receptor population.

There are some exposure pathways related to the contamination if left unaddressed:

Soil

Potential routes of exposure to subsurface and surface soils include dermal contact, ingestion and inhalation of soil particulates. At present, potential exposure points have been eliminated by restricting public access to the Site through fencing. During future construction activities, specifically disturbance of soils, the potential for exposures to soils would increase for on-site workers, utility workers, visitors and trespassers.

SVOC and metals exceedances of the RRSCOs in the Site soil from grade to approximately 7 ft-bgs pose a risk to human health. The exposure pathway to humans can be through direct dermal contact with the contaminated soils or incidental ingestion without the implementation of the remedial action proposed in the Remedial Action Work Plan (RAWP). However, the soil source will be removed or capped under a cover system through the RAWP activities.

Groundwater

Potential groundwater exposure points include ingestion, dermal contact and inhalation of vapors. New Rochelle utilizes municipal water (not groundwater) for drinking purposes. Thus, ingestion as a potential exposure point may be eliminated from further evaluation.

Potential exposures through dermal contact and vapor inhalation would arise during future demolitions, redevelopment or utility repairs where workers, visitors, or trespassers may be exposed to groundwater. However, the soil source will be removed through RAWP activities.

During the Site redevelopment, proper dewatering will be implemented for the excavation in order to prevent direct contact with the groundwater. The de-watering water will be treated and disposed of properly off-site either in the City of New Rochelle sewer or shipped to an off-site facility. De-watering should serve to effectively remediate the source of contamination in the groundwater. The groundwater will naturally attenuate with time and is not anticipated to be a pathway for human heath exposure since groundwater use is prohibited for drinking water purposes in this area.

Surface Water

Surface water is not present on the Site. Thus, this exposure pathway may be eliminated from further evaluation.

Soil Vapor

When volatile organics are detected in soil gas, it creates a potential exposure to building occupants through vapors accumulating beneath structures or impacting indoor air quality within a structure. Currently, all potential human receptors are restricted from entering by fencing. Thus, a potential exposure point does not exist. However, after the site is redeveloped, a potential that vapors could accumulate in enclosed areas such as basements, crawl spaces, etc. of the proposed building would arise.

The CVOC levels in the Site soil vapors were found to not exceed the NYSDOH Matrices threshold values. However, elevated petroleum hydrocarbon (PHC) concentrations were identified. The exposure route for soil vapor is through the inhalation of the contaminated soil vapor that may intrude into the enclosed spaces of any planned Site development. The planned soil excavation and the vapor mitigation measures will address this exposure pathway.

## 6.3 FISH AND WILDLIFE IMPACT ANALYSIS

The Site does not contain any ecologically sensitive resources and hence the contaminated soils are not expected to have any impacts on any ecological resources. The closest surface water body, a tributary to Echo Bay, is located approximately 0.5 miles east of the Site.

It is unlikely the contaminated groundwater from the Site will reach the surface water of the Echo Bay. The detected groundwater contaminant levels is expected to decrease as a result of natural attenuation. Per DER-10 Appendix 3C, no fish and wildlife impact analysis was needed.

## 6.4 RECOMMENDATIONS

### 6.4.1 Summary of RI Results

The RI filled in the missing data gaps building on prior investigations and completed the nature and extent delineation in all on-site media of contamination at the Site to the extent required to determine a remedial action for the Site. A Track 1 remedy will be evaluated in the Remedial Action Work Plan (RAWP).

The RI has also determined that contaminated soil underlaying the entire Site ranges from grade to 7 ft-bgs, which is found to be impacted with SVOCs and metals.

In order to render the Site usable for future development, the RAWP will address the remedial alternatives to limit the exposure to the impacted soils and groundwater. It will also address alternatives to mitigate exposures to any VOC vapor intrusion into the proposed development.

### 6.4.2 Data Limitations and Recommendations for Future Work

The RI results provide sufficient data to develop a feasible, conceptual remedy for the impacted groundwater and soils.

### 6.4.3 Recommended Remedial Action Objectives

The RI has determined that remedial action needs to be implemented to remediate the contaminated soil and groundwater risks. In addition, further evaluation of soil vapor is needed for VOCs detected in soil vapor. The specific alternatives proposed will be fully evaluated in the RAWP.

## 7.0 REFERENCES

- Phase I Environmental Site Assessment Report, prepared by TEC, dated October 3, 2019.

- Analytical Data and soil boring plan, prepared by EBC, received September 10, 2020

# APPENDIX A – FIGURES




REFERENCE:
HISTORICAL TOPOGRAPHICAL MAP PREPARED BY USGS, DATED 2019
MOUNT VERNON QUADRANGLE

Scale 1"=2000'

0 2000 4000

N:\ACAD\11513\BCP\316 HUGUENOT\11513 – FIG–1 – SITE LOCATION TOPOGRAPHIC MAP.DWG 02/09/21 03:10:57PM, jenny, LAYOUT:FIG–1

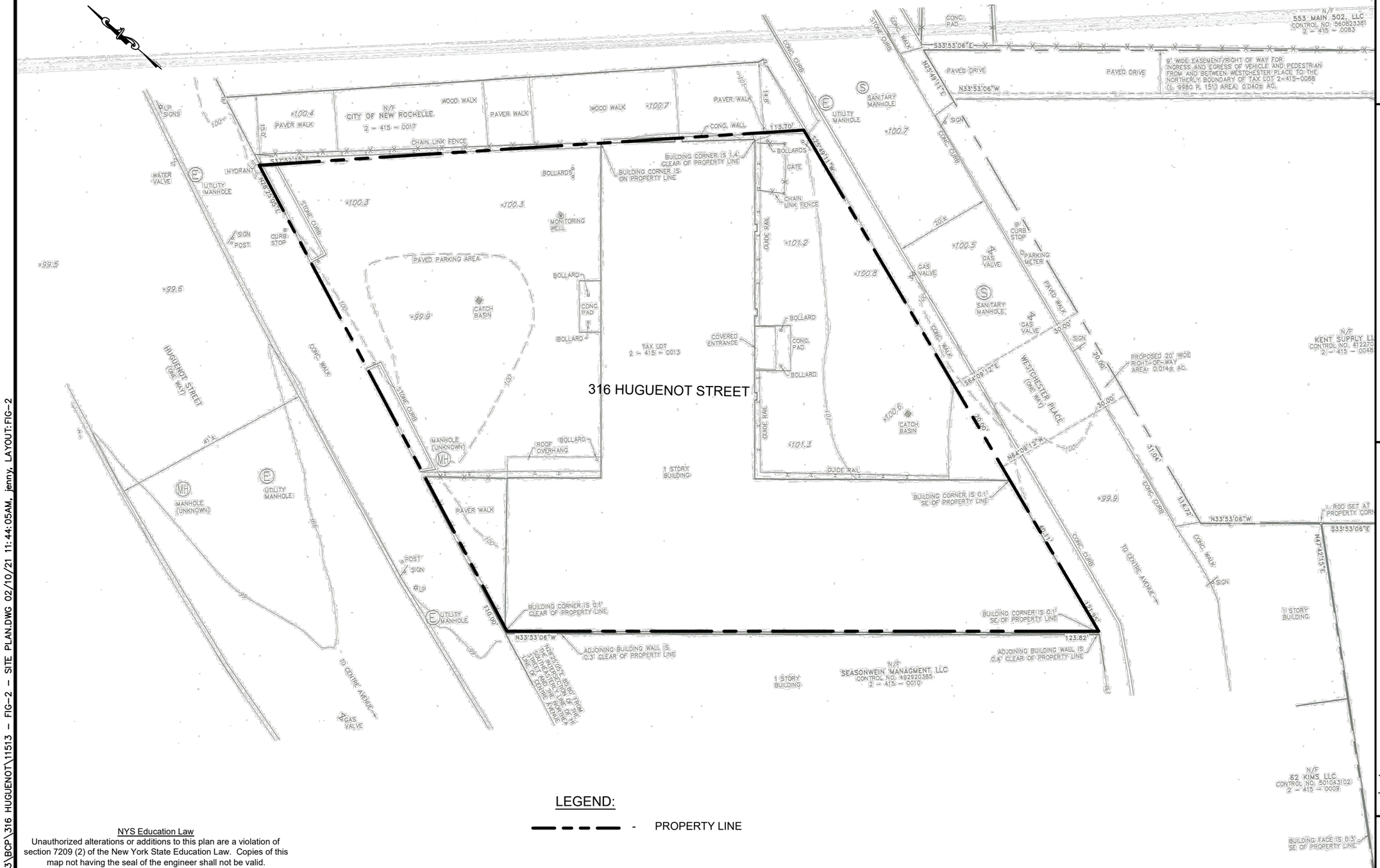
316 HUGUENOT STREET
CITY OF NEW ROCHELLE
WESTCHESTER COUNTY, NEW YORK

SITE LOCATION
TOPOGRAPHICAL MAP

SESI
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SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

FIG-1

DRAWN BY: aas
CHECKED BY: AA
SCALE: AS NOTED
DATE: 02/09/2021
JOB NO.: 11513




LEGEND:

- - - - PROPERTY LINE

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Scale 1"=20'
0 20 40

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ENVIRONMENTAL
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dwg by: aas
chk by: AA
scale: AS NOTED
date: 02/10/2021

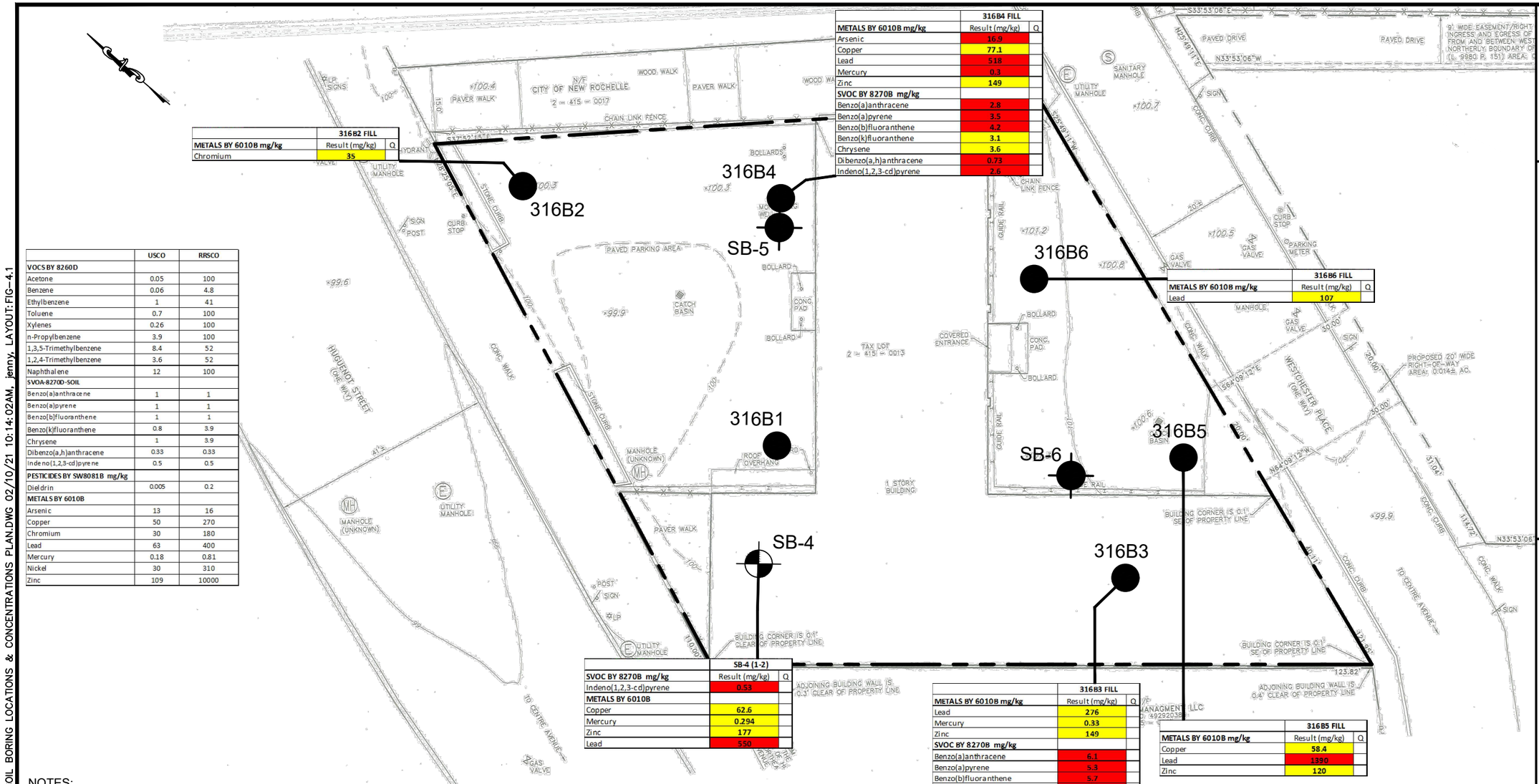
project: 316 HUGUENOT STREET
CITY OF NEW ROCHELLE
WESTCHESTER COUNTY, NEW YORK

title: SITE PLAN

job no: 11513
drawing no:

FIG-2

N:\ACAD\11513\BCP\316 HUGUENOT\11513 – FIG-2 – SITE PLAN.DWG 02/10/21 11:44:05AM, jenny, LAYOUT:FIG-2




| | USCO | RRSCO |
|---|---|---|
| **VOCS BY 8260D** | | |
| Acetone | 0.05 | 100 |
| Benzene | 0.06 | 4.8 |
| Ethylbenzene | 1 | 41 |
| Toluene | 0.7 | 100 |
| Xylenes | 0.26 | 100 |
| n-Propylbenzene | 3.9 | 100 |
| 1,3,5-Trimethylbenzene | 8.4 | 52 |
| 1,2,4-Trimethylbenzene | 3.6 | 52 |
| Naphthalene | 12 | 100 |
| **SVOA-8270D-SOIL** | | |
| Benzo(a)anthracene | 1 | 1 |
| Benzo(a)pyrene | 1 | 1 |
| Benzo[b]fluoranthene | 1 | 1 |
| Benzo(k)fluoranthene | 0.8 | 3.9 |
| Chrysene | 1 | 3.9 |
| Dibenzo(a,h)anthracene | 0.33 | 0.33 |
| Indeno(1,2,3-cd)pyrene | 0.5 | 0.5 |
| **PESTICIDES BY SW8081B mg/kg** | | |
| Dieldrin | 0.005 | 0.2 |
| **METALS BY 6010B** | | |
| Arsenic | 13 | 16 |
| Copper | 50 | 270 |
| Chromium | 30 | 180 |
| Lead | 63 | 400 |
| Mercury | 0.18 | 0.81 |
| Nickel | 30 | 310 |
| Zinc | 109 | 10000 |

| | 316B2 FILL | |
|---|---|---|
| **METALS BY 6010B mg/kg** | Result (mg/kg) | Q |
| Chromium | 35 | |

| | 316B4 FILL | |
|---|---|---|
| **METALS BY 6010B mg/kg** | Result (mg/kg) | Q |
| Arsenic | 16.9 | |
| Copper | 77.1 | |
| Lead | 518 | |
| Mercury | 0.3 | |
| Zinc | 149 | |
| **SVOC BY 8270B mg/kg** | | |
| Benzo(a)anthracene | 2.8 | |
| Benzo(a)pyrene | 3.5 | |
| Benzo(b)fluoranthene | 4.2 | |
| Benzo(k)fluoranthene | 3.1 | |
| Chrysene | 3.6 | |
| Dibenzo(a,h)anthracene | 0.73 | |
| Indeno(1,2,3-cd)pyrene | 2.6 | |

| | 316B6 FILL | |
|---|---|---|
| **METALS BY 6010B mg/kg** | Result (mg/kg) | Q |
| Lead | 107 | |

| | SB-4 (1-2) | |
|---|---|---|
| **SVOC BY 8270B mg/kg** | Result (mg/kg) | Q |
| Indeno(1,2,3-cd)pyrene | 0.53 | |
| **METALS BY 6010B** | | |
| Copper | 62.6 | |
| Mercury | 0.294 | |
| Zinc | 177 | |
| Lead | 550 | |

| | 316B3 FILL | |
|---|---|---|
| **METALS BY 6010B mg/kg** | Result (mg/kg) | Q |
| Lead | 276 | |
| Mercury | 0.33 | |
| Zinc | 149 | |
| **SVOC BY 8270B mg/kg** | | |
| Benzo(a)anthracene | 6.1 | |
| Benzo(a)pyrene | 5.3 | |
| Benzo(b)fluoranthene | 5.7 | |
| Indeno(1,2,3-cd)pyrene | 3.2 | |
| Benzo(k)fluoranthene | 3.4 | |
| Chrysene | 6 | |
| Dibenzo(a,h)anthracene | 1 | |

| | 316B5 FILL | |
|---|---|---|
| **METALS BY 6010B mg/kg** | Result (mg/kg) | Q |
| Copper | 58.4 | |
| Lead | 1390 | |
| Zinc | 120 | |

NOTES:

1. THIS PLAN IS FOR LOCATING SOIL BORINGS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. ALL UNITS IN mg/kg
3. USCO = UNRESTRICTED SOIL CLEANUP OBJECTIVE
4. RRSCO = RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVE
5. ALL EBC SOIL SAMPLES WERE REPORTEDLY COLLECTED AS GRAB SAMPLES. HOWEVER SAMPLE DEPTHS WERE NOT PROVIDED.

LEGEND:

- PROPERTY LINE
- SB-4 - SESI SOIL BORING LOCATION (SEPTEMBER, 2020 AND OCTOBER, 2020)
- 316B1 - EBC SOIL BORING LOCATION (AUGUST, 2020)
- 1390 - CONCENTRATION EXCEEDS RRSCO
- 149 - CONCENTRATION EXCEEDS USCO

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Scale 1"=20'
0 20 40

dwg by: aas
chk by: AA
scale: AS NOTED
date: 02/10/2021

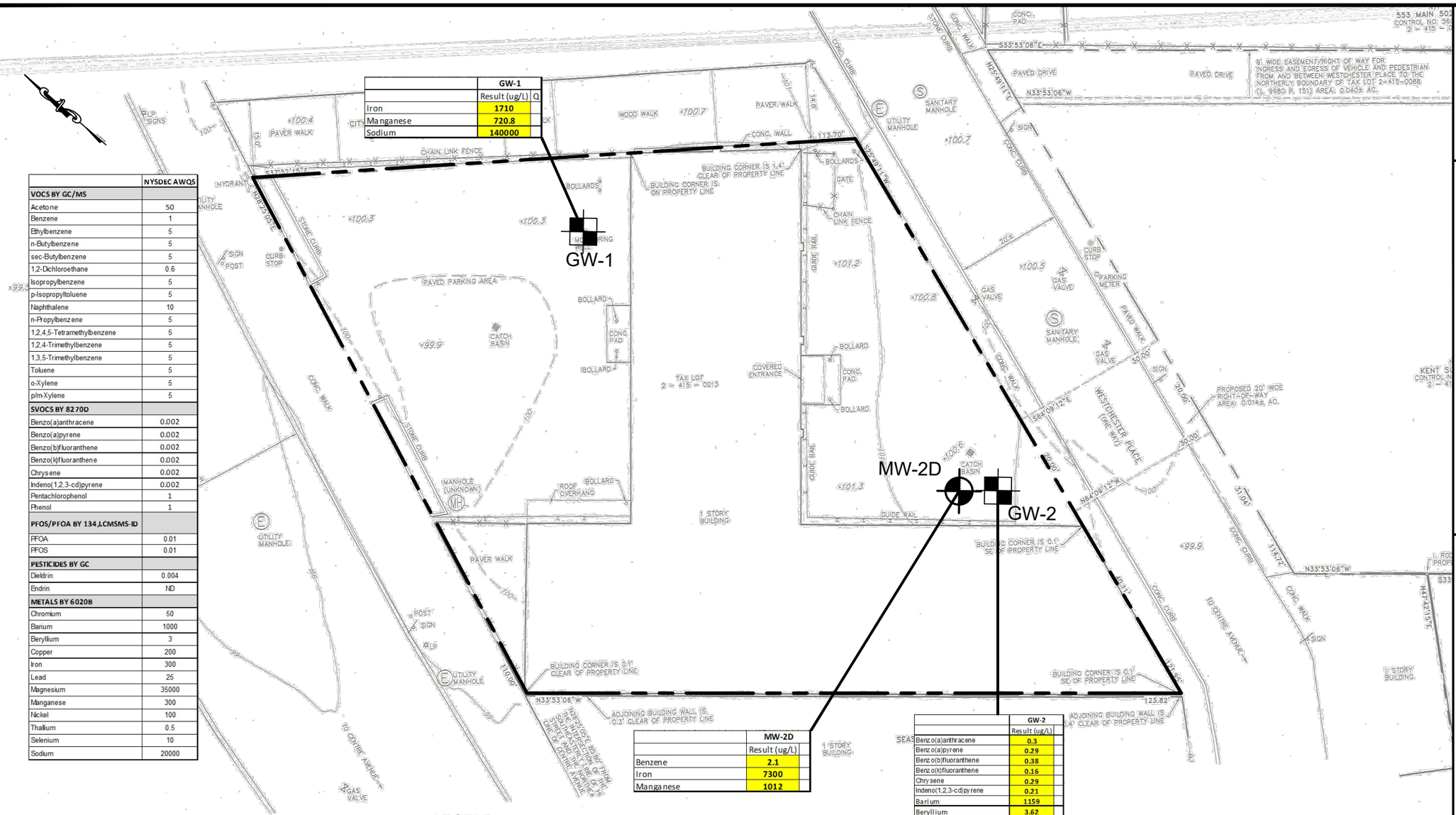
SESI CONSULTING ENGINEERS
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 316 HUGUENOT STREET
CITY OF NEW ROCHELLE
WESTCHESTER COUNTY, NEW YORK

title: SOIL BORING LOCATIONS & CONCENTRATIONS PLAN

job no: 11513
drawing no: FIG-4.1

N:\CAD\11513\BCP\316 HUGUENOT\11513 – FIG-4.1 – SOIL BORING LOCATIONS & CONCENTRATIONS PLAN.DWG 02/10/21 10:14:02AM, jenny, LAYOUT:FIG-4.1




| | NYSDEC AWQS |
|---|---|
| **VOCS BY GC/MS** | |
| Acetone | 50 |
| Benzene | 1 |
| Ethylbenzene | 5 |
| n-Butylbenzene | 5 |
| sec-Butylbenzene | 5 |
| 1,2-Dichloroethane | 0.6 |
| Isopropylbenzene | 5 |
| p-Isopropyltoluene | 5 |
| Naphthalene | 10 |
| n-Propylbenzene | 5 |
| 1,2,4,5-Tetramethylbenzene | 5 |
| 1,2,4-Trimethylbenzene | 5 |
| 1,3,5-Trimethylbenzene | 5 |
| Toluene | 5 |
| o-Xylene | 5 |
| p/m-Xylene | 5 |
| **SVOCS BY 8270D** | |
| Benzo(a)anthracene | 0.002 |
| Benzo(a)pyrene | 0.002 |
| Benzo(b)fluoranthene | 0.002 |
| Benzo(k)fluoranthene | 0.002 |
| Chrysene | 0.002 |
| Indeno(1,2,3-cd)pyrene | 0.002 |
| Pentachlorophenol | 1 |
| Phenol | 1 |
| **PFOS/PFOA BY 134,LCMSMS-ID** | |
| PFOA | 0.01 |
| PFOS | 0.01 |
| **PESTICIDES BY GC** | |
| Dieldrin | 0.004 |
| Endrin | ND |
| **METALS BY 6020B** | |
| Chromium | 50 |
| Barium | 1000 |
| Beryllium | 3 |
| Copper | 200 |
| Iron | 300 |
| Lead | 25 |
| Magnesium | 35000 |
| Manganese | 300 |
| Nickel | 100 |
| Thallium | 0.5 |
| Selenium | 10 |
| Sodium | 20000 |

| | GW-1 | |
|---|---|---|
| | Result (ug/L) | Q |
| Iron | 1710 | |
| Manganese | 720.8 | |
| Sodium | 140000 | |

| | MW-2D |
|---|---|
| | Result (ug/L) |
| Benzene | 2.1 |
| Iron | 7300 |
| Manganese | 1012 |

| | GW-2 |
|---|---|
| | Result (ug/L) |
| Benzo(a)anthracene | 0.3 |
| Benzo(a)pyrene | 0.29 |
| Benzo(b)fluoranthene | 0.38 |
| Benzo(k)fluoranthene | 0.16 |
| Chrysene | 0.29 |
| Indeno(1,2,3-cd)pyrene | 0.21 |
| Barium | 1159 |
| Beryllium | 3.62 |
| Chromium | 190.2 |
| Copper | 619.1 |
| Iron | 137000 |
| Lead | 388.9 |
| Magnesium | 36900 |
| Manganese | 4312 |
| Nickel | 153.6 |
| Thallium | 1.74 |

NOTES:

1. THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. ALL UNITS IN ug/L
3. NYSDEC AWQS = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AMBIENT WATER QUALITY STANDARD

LEGEND:

- PROPERTY LINE
- GW-1 - SESI SEPTEMBER 2020 GROUNDWATER SAMPLE LOCAITON
- MW-2D - BEDROCK WELL LOCATION
- 137000 - CONCENTRATION EXCEEDS THE NYSDEC AWQS

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Scale 1"=20'

0 20 40

dwg by: aas
chk by: AA
scale: AS NOTED
date: 02/10/2021

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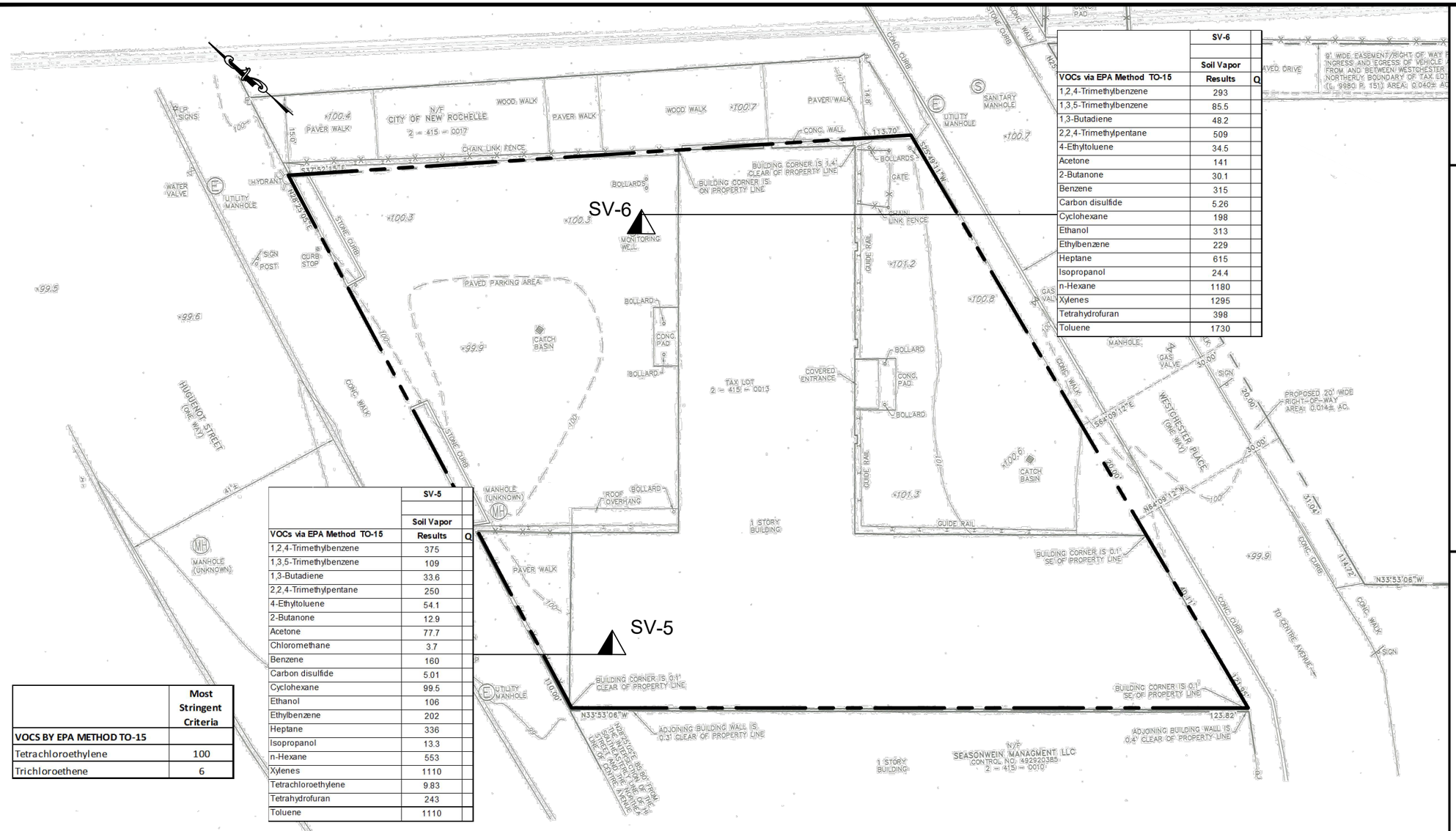
project:
316 HUGUENOT STREET
CITY OF NEW ROCHELLE
WESTCHESTER COUNTY, NEW YORK

title:
GROUNDWATER SAMPLING LOCATION & CONCENTRATION PLAN

job no: 11513
drawing no:

FIG-4.2

N: \ACAD\11513\BCP\316 HUGUENOT\11513 – FIG-4.2 – GROUNDWATER SAMPLING LOCATION & CONCENTRATION PLAN.DWG 02/10/21 10:13:35AM, jenny, LAYOUT:FIG-4.2




| | SV-6 | |
|---|---|---|
| | | |
| | Soil Vapor | |
| VOCs via EPA Method TO-15 | Results | Q |
| 1,2,4-Trimethylbenzene | 293 | |
| 1,3,5-Trimethylbenzene | 85.5 | |
| 1,3-Butadiene | 48.2 | |
| 2,2,4-Trimethylpentane | 509 | |
| 4-Ethyltoluene | 34.5 | |
| Acetone | 141 | |
| 2-Butanone | 30.1 | |
| Benzene | 315 | |
| Carbon disulfide | 5.26 | |
| Cyclohexane | 198 | |
| Ethanol | 313 | |
| Ethylbenzene | 229 | |
| Heptane | 615 | |
| Isopropanol | 24.4 | |
| n-Hexane | 1180 | |
| Xylenes | 1295 | |
| Tetrahydrofuran | 398 | |
| Toluene | 1730 | |

| | SV-5 | |
|---|---|---|
| | | |
| | Soil Vapor | |
| VOCs via EPA Method TO-15 | Results | Q |
| 1,2,4-Trimethylbenzene | 375 | |
| 1,3,5-Trimethylbenzene | 109 | |
| 1,3-Butadiene | 33.6 | |
| 2,2,4-Trimethylpentane | 250 | |
| 4-Ethyltoluene | 54.1 | |
| 2-Butanone | 12.9 | |
| Acetone | 77.7 | |
| Chloromethane | 3.7 | |
| Benzene | 160 | |
| Carbon disulfide | 5.01 | |
| Cyclohexane | 99.5 | |
| Ethanol | 106 | |
| Ethylbenzene | 202 | |
| Heptane | 336 | |
| Isopropanol | 13.3 | |
| n-Hexane | 553 | |
| Xylenes | 1110 | |
| Tetrachloroethylene | 9.83 | |
| Tetrahydrofuran | 243 | |
| Toluene | 1110 | |

| | Most Stringent Criteria |
|---|---|
| VOCS BY EPA METHOD TO-15 | |
| Tetrachloroethylene | 100 |
| Trichloroethene | 6 |

NOTES:
1. THIS PLAN IS FOR LOCATING SOIL VAPOR SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. ALL UNITS IN ug/m3
3. U: INDICATES THE ANALYTE WAS ANALYZED FOR BUT NOT DETECTED
4. MOST STRINGENT CRITERIA = NEW YORK STATE MOST STRINGENT MATRIX A, B, OR C SUB SLAB VAPOR

LEGEND:

- PROPERTY LINE
- SV-5 - SESI SEPTEMBER 2020 SOIL VAPOR SAMPLE LOCATION
- 780 - CONCENTRATION EXCEEDS LIMITS

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0 20 40

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dwg by: aas
chk by: AA
scale: AS NOTED
date: 02/09/2021

project: 316 HUGUENOT STREET
CITY OF NEW ROCHELLE
WESTCHESTER COUNTY, NEW YORK

title: SOIL VAPOR LOCATION & CONCENTRATION PLAN

job no: 11513
drawing no:

FIG-4.3

N:\CAD\11513\BCP\316 HUGUENOT\11513 - FIG-4.3 - SOIL VAPOR LOCATION & CONCENTRATION PLAN.DWG 02/09/21 04:12:31PM, aas, LAYOUT:FIG-4.3

# APPENDIX B – PREVIOUS ENVIRONMENTAL REPORTS




Proposed Soil Boring

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: COMMERCIAL PROPERTIES

Site Address: 316 HUGUENOT, 64 CENTRE, 8 WESTCHESTER, NEW ROCHELLE, NY

Drawing Title: SITE SAMPLING LOCATIONS

**Tuesday, August 11, 2020**

**Attn: Mr. Charles B. Sosik, P.G.**
**Environmental Business Consultants**
**1808 Middle Country Rd**
**Ridge NY 11961-2406**

**Project ID:** **316 HUGUENOT ST NEW ROCHELLE NY**
**SDG ID:** **GCG48033**
**Sample ID#s: CG48033 - CG48040**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.**

**All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.**

**Sincerely yours,**

**Phyllis Shiller**
**Laboratory Director**

**NELAC - #NY11301**
**CT Lab Registration #PH-0618**
**MA Lab Registration #M-CT007**
**ME Lab Registration #CT-007**
**NH Lab Registration #213693-A,B**
**NJ Lab Registration #CT-003**
**NY Lab Registration #11301**
**PA Lab Registration #68-03530**
**RI Lab Registration #63**
**UT Lab Registration #CT00007**
**VT Lab Registration #VT11301**

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# SDG Comments

August 11, 2020

SDG I.D.: GCG48033

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

# Sample Id Cross Reference

August 11, 2020

SDG I.D.: GCG48033

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY

| Client Id | Lab Id | Matrix |
|---|---|---|
| 316B1 FILL | CG48033 | SOIL |
| 316B2 FILL | CG48034 | SOIL |
| 316B3 FILL | CG48035 | SOIL |
| 316B4 FILL | CG48036 | SOIL |
| 316B5 FILL | CG48037 | SOIL |
| 316B6 FILL | CG48038 | SOIL |
| TRIP BLANK HL | CG48039 | SOIL |
| TRIP BLANK LL | CG48040 | SOIL |

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 8:23 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48033

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.39 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13600 | 39 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 1.70 | 0.78 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 60.5 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.38 | 0.31 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 1510 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.04 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 9.12 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 19.8 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 15.0 | 0.8 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20100 | 39 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.05 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 2110 | 8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 2510 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Manganese | 552 | 3.9 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 280 | 8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 14.7 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 6.1 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.9 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.6 | 1.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.6 | 1.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 27.7 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 27.1 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 86 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 75 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 76 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 73 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Acetone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 7.3 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Benzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromoform | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromomethane | ND | 3.7 | 1.5 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloroform | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dibromomethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 22 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 7.3 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.7 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Naphthalene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| o-Xylene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Styrene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 7.3 | 1.8 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Toluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 7.3 | 1.8 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 55 | | ug/kg | 1 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 15 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Acrylonitrile | ND | 15 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 73 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 260 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | 260 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | 260 | 240 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | 260 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | 190 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | 230 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | 300 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | 380 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | 300 | 300 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | 340 | 220 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | 1900 | 760 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 230 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 93 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 76 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 67 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 69 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 72 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 80 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:13 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48034

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.36 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 11800 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 1.79 | 0.72 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 144 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.29 | 0.29 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 36000 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.11 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 10.7 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 35.0 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 31.4 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20800 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | < 0.03 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 5560 | 72 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Magnesium | 9450 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 310 | 3.6 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 377 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 22.3 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 12.7 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.6 | 3.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 39.9 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 60.3 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 91 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 79 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 80 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 74 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 75 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.4 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 140 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 92 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 85 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 88 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 86 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 1.2 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Acetone | 7.1 | JS | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 6.8 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Benzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromoform | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromomethane | ND | | 3.4 | 1.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloroform | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 20 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 6.8 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.4 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Naphthalene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| o-Xylene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Styrene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 6.8 | 1.7 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Toluene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 6.8 | 1.7 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 71 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 93 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 51 | | ug/kg | 1 | 08/10/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 71 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 93 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 14 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Acrylonitrile | ND | 14 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 68 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 250 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 250 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 250 | 250 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 250 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 250 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 360 | 160 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 130 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 350 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 320 | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 270 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 210 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 270 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 360 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 250 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 740 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 200 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 280 | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 680 | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 89 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 28 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | 3 |
| % 2-Fluorobiphenyl | 80 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 37 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 73 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 76 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 86 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

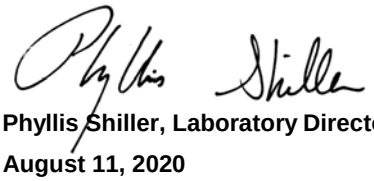
Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 10:30 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48035

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.34 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 9310 | 34 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 4.91 | 0.68 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 102 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.46 | 0.27 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 8420 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.05 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 7.29 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 17.6 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 41.7 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 14200 | 34 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.33 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 1070 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 2340 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Manganese | 259 | 3.4 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 337 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 18.4 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 276 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.4 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 24.3 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 149 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 86 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 62 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 67 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 66 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 82 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 83 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 67 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 1.2 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | 5.0 | JS | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 9.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | | 4.9 | 2.0 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 30 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 9.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 4.9 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 9.9 | 2.5 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 9.9 | 2.5 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 101 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 74 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 101 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 20 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 20 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 99 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 270 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 190 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 270 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 270 | 270 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | 240 | J | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 270 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 270 | 240 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 270 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 190 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 230 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 310 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 390 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | 1700 | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | 190 | J | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 310 | 310 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 2900 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 6100 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 5300 | | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 5700 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 2800 | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 3400 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1900 | 770 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 270 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | 1500 | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 6000 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | 1000 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | 760 | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 270 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 270 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 17000 | | 2700 | 1200 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Fluorene | 1300 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 3200 | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | 610 | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 270 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 230 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 16000 | 2700 | 1100 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 14000 | 2700 | 1300 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 95 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 43 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 81 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 64 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 88 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2,4,6-Tribromophenol (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

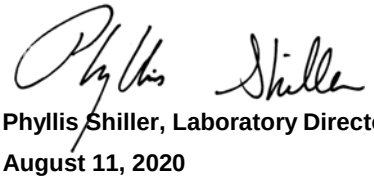
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 8:49 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48036

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.37 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 7160 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 16.9 | 0.74 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 230 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.30 | 0.30 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 95100 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 2.03 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 6.25 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 16.7 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 77.1 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 15100 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.30 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 1570 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 47300 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 247 | 3.7 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 494 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 16.1 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 518 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.7 | 3.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.5 | 1.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.5 | 1.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 32.5 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 268 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 89 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1221 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1232 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1242 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1248 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1254 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1260 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1262 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1268 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 69 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % TCMX | 63 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 66 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.8 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| a-BHC | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| a-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Aldrin | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| b-BHC | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Chlordane | ND | 37 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| d-BHC | ND | 38 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Dieldrin | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan I | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan II | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin ketone | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| g-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Heptachlor | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Methoxychlor | ND | 37 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 86 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % TCMX | 91 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 64 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 150 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 190 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 110 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 1300 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 1300 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Acetone | ND | | 260 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Benzene | ND | | 60 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromoform | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromomethane | ND | | 260 | 100 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloroform | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloromethane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 250 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Isopropylbenzene | 32 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 120 | 120 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | | 280 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Methylene chloride | ND | | 100 | 100 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Naphthalene | 91 | J | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| n-Butylbenzene | 39 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| n-Propylbenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| o-Xylene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| sec-Butylbenzene | 47 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Styrene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tetrachloroethene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | | 520 | 130 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Toluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | | 190 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | | 520 | 130 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichloroethene | ND | | 170 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Vinyl chloride | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 101 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 85 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 96 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | | 2100 | | ug/kg | 50 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 101 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 85 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 96 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | | 1000 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Acrolein | ND | | 52 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Acrylonitrile | ND | | 37 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | | 5200 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | 110 | J | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | | 260 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 260 | 92 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | 220 | J | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 260 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 260 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | 220 | J | 260 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 190 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 300 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 370 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | 170 | J | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | 2400 | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 300 | 300 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 1100 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 2800 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 220 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 3500 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 4200 | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 2400 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 3100 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1900 | 740 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 260 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | 870 | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 3600 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | 730 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | 370 | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 260 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 260 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 6900 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | 740 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 2600 | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | 380 | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 3100 | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 7000 | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 53 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 61 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 59 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 59 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 66 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 73 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

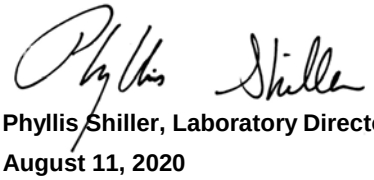
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:51 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48037

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.35 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13700 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 2.59 | 0.69 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 159 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.28 | 0.28 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 23900 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.59 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 13.9 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 26.0 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 58.4 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 26900 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.12 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 5260 | 69 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Magnesium | 15000 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 360 | 3.5 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 475 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 23.1 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 1390 | 6.9 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.5 | 3.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 54.0 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 120 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 89 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 69 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 37 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 37 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 75 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 70 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 76 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 9.6 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | 4.8 | 1.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 29 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 9.6 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 4.8 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 9.6 | 2.4 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 9.6 | 2.4 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 72 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 19 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 19 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 96 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 250 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 250 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 250 | 250 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 250 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 250 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 360 | 160 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 160 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 180 | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 200 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 160 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 190 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 250 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 230 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 240 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 220 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 89 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 78 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 64 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 73 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 83 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

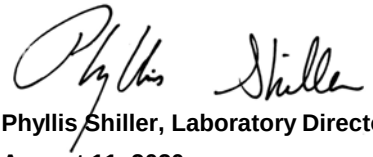
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:25 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48038

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.33 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13300 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 6.04 | 0.66 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 101 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.41 | 0.26 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 41100 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.64 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 9.22 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 22.4 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 37.6 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20300 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.08 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 2750 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 25100 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 432 | 3.3 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 241 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 21.7 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 107 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.3 | 3.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.3 | 1.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.3 | 1.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 35.4 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 92.2 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 91 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 68 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 67 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.4 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 140 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 82 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 80 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 6.3 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | 3.1 | 1.3 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 19 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 6.3 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.1 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 6.3 | 1.6 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 6.3 | 1.6 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 47 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 13 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 13 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 63 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 260 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 260 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 260 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 260 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 370 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 120 | J | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 130 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 120 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 130 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 170 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 180 | J | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 76 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 77 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 61 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 69 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 78 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 0:03 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48039

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,1-Trichloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

Phoenix I.D.: CG48039

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Acrylonitrile | ND | 500 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Benzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromochloromethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromodichloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromoform | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromomethane | ND | 250 | 100 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Carbon Disulfide | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Carbon tetrachloride | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloroform | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| cis-1,2-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| cis-1,3-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dibromochloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dibromomethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dichlorodifluoromethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Ethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Hexachlorobutadiene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Isopropylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| m&p-Xylene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methyl Ethyl Ketone | ND | 1500 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methyl t-butyl ether (MTBE) | ND | 500 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methylene chloride | ND | 250 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Naphthalene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| o-Xylene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Styrene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 500 | 130 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Toluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 500 | 130 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Vinyl chloride | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 97 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 86 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 101 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

Phoenix I.D.: CG48039

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | 3800 | | ug/kg | 50 | 08/07/20 | JLI | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Bromofluorobenzene (50x) | 97 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Dibromofluoromethane (50x) | 86 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Toluene-d8 (50x) | 101 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Acrolein | ND | 250 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 1000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Tert-butyl alcohol | ND | 5000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48040

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

Phoenix I.D.: CG48040

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Acrylonitrile | ND | | 10 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Benzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromobenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromochloromethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromodichloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromoform | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromomethane | ND | | 5.0 | 2.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Carbon Disulfide | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Carbon tetrachloride | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chlorobenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloroethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloroform | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dibromochloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dibromomethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dichlorodifluoromethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Ethylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Hexachlorobutadiene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Isopropylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| m&p-Xylene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methyl Ethyl Ketone | ND | | 30 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methyl t-butyl ether (MTBE) | ND | | 10 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methylene chloride | ND | | 5.0 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Naphthalene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| n-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| n-Propylbenzene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| o-Xylene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Styrene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Tetrachloroethene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | | 10 | 2.5 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Toluene | 0.61 | J | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | | 10 | 2.5 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Vinyl chloride | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 98 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 98 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 87 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

Phoenix I.D.: CG48040

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | 75 | | ug/kg | 1 | 08/07/20 | JLI | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 98 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Bromofluorobenzene | 98 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Dibromofluoromethane | 87 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Toluene-d8 | 99 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 20 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Acrolein | ND | 5.0 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 20 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Tert-butyl alcohol | ND | 100 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

August 11, 2020

## QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | Sample Result | Dup Result | Dup RPD | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540290 (mg/kg), QC Sample No: CG48468 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | | | | |
| Mercury - Soil | BRL | 0.03 | <0.03 | 0.08 | NC | 92.6 | 96.8 | 4.4 | 85.8 | 79.6 | 7.5 | 70 - 130 | 30 | |
| Comment: | | | | | | | | | | | | | | |
| Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%. | | | | | | | | | | | | | | |
| QA/QC Batch 540223 (mg/kg), QC Sample No: CG48041 (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | | | | |
| ICP Metals - Soil | | | | | | | | | | | | | | |
| Aluminum | BRL | 5.0 | 14100 | 13700 | 2.90 | 104 | 104 | 0.0 | NC | | | 75 - 125 | 35 | |
| Antimony | BRL | 3.3 | <3.9 | <3.6 | NC | 109 | 108 | 0.9 | 93.8 | | | 75 - 125 | 35 | |
| Arsenic | BRL | 0.67 | 2.23 | 3.21 | NC | 106 | 105 | 0.9 | 100 | | | 75 - 125 | 35 | |
| Barium | BRL | 0.33 | 91.3 | 90.4 | 1.00 | 106 | 109 | 2.8 | 119 | | | 75 - 125 | 35 | |
| Beryllium | BRL | 0.27 | 0.38 | 0.40 | NC | 101 | 103 | 2.0 | 103 | | | 75 - 125 | 35 | |
| Cadmium | BRL | 0.33 | 1.26 | 1.28 | NC | 103 | 105 | 1.9 | 103 | | | 75 - 125 | 35 | |
| Calcium | BRL | 5.0 | 21800 | 28100 | 25.3 | 106 | 109 | 2.8 | NC | | | 75 - 125 | 35 | |
| Chromium | BRL | 0.33 | 23.0 | 27.6 | 18.2 | 103 | 102 | 1.0 | 104 | | | 75 - 125 | 35 | |
| Cobalt | BRL | 0.33 | 8.55 | 9.22 | 7.50 | 104 | 107 | 2.8 | 102 | | | 75 - 125 | 35 | |
| Copper | BRL | 0.67 | 40.0 | 50.8 | 23.8 | 97.8 | 98.8 | 1.0 | 86.6 | | | 75 - 125 | 35 | |
| Iron | BRL | 5.0 | 20200 | 19500 | 3.50 | 83.2 | 84.1 | 1.1 | NC | | | 75 - 125 | 35 | |
| Lead | BRL | 0.33 | 57.5 | 69.0 | 18.2 | 102 | 104 | 1.9 | 115 | | | 75 - 125 | 35 | |
| Magnesium | BRL | 5.0 | 4310 | 4800 | 10.8 | 109 | 110 | 0.9 | NC | | | 75 - 125 | 35 | |
| Manganese | BRL | 0.33 | 508 | 510 | 0.40 | 104 | 116 | 10.9 | >130 | | | 75 - 125 | 35 | m |
| Nickel | BRL | 0.33 | 18.1 | 18.4 | 1.60 | 104 | 106 | 1.9 | 104 | | | 75 - 125 | 35 | |
| Potassium | BRL | 5.0 | 2430 | 2250 | 7.70 | 113 | 113 | 0.0 | >130 | | | 75 - 125 | 35 | m |
| Selenium | BRL | 1.3 | <1.6 | <1.4 | NC | 101 | 102 | 1.0 | 98.1 | | | 75 - 125 | 35 | |
| Silver | BRL | 0.33 | <0.39 | <0.36 | NC | 95.7 | 98.1 | 2.5 | 99.6 | | | 75 - 125 | 35 | |
| Sodium | BRL | 5.0 | 328 | 350 | 6.50 | 87.4 | 91.0 | 4.0 | >130 | | | 75 - 125 | 35 | m |
| Thallium | BRL | 3.0 | <1.6 | <3.2 | NC | 103 | 105 | 1.9 | 99.6 | | | 75 - 125 | 35 | |
| Vanadium | BRL | 0.33 | 36.4 | 30.4 | 18.0 | 105 | 106 | 0.9 | 98.9 | | | 75 - 125 | 35 | |
| Zinc | BRL | 0.67 | 53.9 | 66.7 | 21.2 | 103 | 104 | 1.0 | 108 | | | 75 - 125 | 35 | |
| Comment: | | | | | | | | | | | | | | |
| Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%. | | | | | | | | | | | | | | |

m = This parameter is outside laboratory MS/MSD specified recovery limits.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

August 11, 2020

## QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540172 (ug/Kg), QC Sample No: CG48043 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | |
| **Polychlorinated Biphenyls - Soil** | | | | | | | | | | |
| PCB-1016 | ND | 33 | 63 | 64 | 1.6 | 53 | 62 | 15.7 | 40 - 140 | 30 |
| PCB-1221 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1232 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1242 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1248 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1254 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1260 | ND | 33 | 68 | 70 | 2.9 | 59 | 66 | 11.2 | 40 - 140 | 30 |
| PCB-1262 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1268 | ND | 33 | | | | | | | 40 - 140 | 30 |
| % DCBP (Surrogate Rec) | 67 | % | 79 | 83 | 4.9 | 68 | 76 | 11.1 | 30 - 150 | 30 |
| % DCBP (Surrogate Rec) (Confirm | 73 | % | 88 | 90 | 2.2 | 73 | 81 | 10.4 | 30 - 150 | 30 |
| % TCMX (Surrogate Rec) | 62 | % | 70 | 72 | 2.8 | 60 | 71 | 16.8 | 30 - 150 | 30 |
| % TCMX (Surrogate Rec) (Confirm | 67 | % | 79 | 80 | 1.3 | 66 | 78 | 16.7 | 30 - 150 | 30 |
| QA/QC Batch 540174 (ug/Kg), QC Sample No: CG48043 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | |
| **Pesticides - Soil** | | | | | | | | | | |
| 4,4' -DDD | ND | 1.7 | 63 | 64 | 1.6 | 54 | 65 | 18.5 | 40 - 140 | 30 |
| 4,4' -DDE | ND | 1.7 | 63 | 60 | 4.9 | 52 | 61 | 15.9 | 40 - 140 | 30 |
| 4,4' -DDT | ND | 1.7 | 61 | 59 | 3.3 | 53 | 60 | 12.4 | 40 - 140 | 30 |
| a-BHC | ND | 1.0 | 59 | 56 | 5.2 | 44 | 55 | 22.2 | 40 - 140 | 30 |
| a-Chlordane | ND | 3.3 | 59 | 55 | 7.0 | 48 | 59 | 20.6 | 40 - 140 | 30 |
| Aldrin | ND | 1.0 | 56 | 53 | 5.5 | 44 | 51 | 14.7 | 40 - 140 | 30 |
| b-BHC | ND | 1.0 | 66 | 62 | 6.3 | 53 | 65 | 20.3 | 40 - 140 | 30 |
| Chlordane | ND | 33 | 60 | 57 | 5.1 | 49 | 59 | 18.5 | 40 - 140 | 30 |
| d-BHC | ND | 3.3 | 60 | 57 | 5.1 | 48 | 56 | 15.4 | 40 - 140 | 30 |
| Dieldrin | ND | 1.0 | 59 | 56 | 5.2 | 47 | 55 | 15.7 | 40 - 140 | 30 |
| Endosulfan I | ND | 3.3 | 63 | 58 | 8.3 | 49 | 54 | 9.7 | 40 - 140 | 30 |
| Endosulfan II | ND | 3.3 | 61 | 58 | 5.0 | 49 | 56 | 13.3 | 40 - 140 | 30 |
| Endosulfan sulfate | ND | 3.3 | 68 | 64 | 6.1 | 55 | 62 | 12.0 | 40 - 140 | 30 |
| Endrin | ND | 3.3 | 58 | 52 | 10.9 | 55 | 63 | 13.6 | 40 - 140 | 30 |
| Endrin aldehyde | ND | 3.3 | 62 | 57 | 8.4 | 38 | 47 | 21.2 | 40 - 140 | 30 |
| Endrin ketone | ND | 3.3 | 59 | 57 | 3.4 | 46 | 54 | 16.0 | 40 - 140 | 30 |
| g-BHC | ND | 1.0 | 63 | 59 | 6.6 | 48 | 57 | 17.1 | 40 - 140 | 30 |
| g-Chlordane | ND | 3.3 | 60 | 57 | 5.1 | 49 | 59 | 18.5 | 40 - 140 | 30 |
| Heptachlor | ND | 3.3 | 57 | 53 | 7.3 | 45 | 53 | 16.3 | 40 - 140 | 30 |
| Heptachlor epoxide | ND | 3.3 | 59 | 58 | 1.7 | 47 | 54 | 13.9 | 40 - 140 | 30 |
| Methoxychlor | ND | 3.3 | 58 | 57 | 1.7 | 54 | 63 | 15.4 | 40 - 140 | 30 |
| Toxaphene | ND | 130 | NA | NA | NC | NA | NA | NC | 40 - 140 | 30 |
| % DCBP | 71 | % | 75 | 70 | 6.9 | 60 | 69 | 14.0 | 30 - 150 | 30 |
| % DCBP (Confirmation) | 71 | % | 74 | 72 | 2.7 | 59 | 67 | 12.7 | 30 - 150 | 30 |
| % TCMX | 60 | % | 67 | 67 | 0.0 | 53 | 67 | 23.3 | 30 - 150 | 30 |
| % TCMX (Confirmation) | 59 | % | 68 | 63 | 7.6 | 53 | 62 | 15.7 | 30 - 150 | 30 |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540213 (ug/kg), QC Sample No: CG48033 (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | |
| **Semivolatiles - Soil** | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 230 | 75 | 72 | 4.1 | 79 | 78 | 1.3 | 40 - 140 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 230 | 76 | 73 | 4.0 | 80 | 80 | 0.0 | 40 - 140 | 30 | |
| 1,2-Dichlorobenzene | ND | 180 | 71 | 67 | 5.8 | 70 | 75 | 6.9 | 40 - 140 | 30 | |
| 1,2-Diphenylhydrazine | ND | 230 | 76 | 79 | 3.9 | 82 | 79 | 3.7 | 40 - 140 | 30 | |
| 1,3-Dichlorobenzene | ND | 230 | 69 | 66 | 4.4 | 71 | 74 | 4.1 | 40 - 140 | 30 | |
| 1,4-Dichlorobenzene | ND | 230 | 69 | 64 | 7.5 | 70 | 72 | 2.8 | 40 - 140 | 30 | |
| 2,4,5-Trichlorophenol | ND | 230 | 89 | 90 | 1.1 | 96 | 93 | 3.2 | 40 - 140 | 30 | |
| 2,4,6-Trichlorophenol | ND | 130 | 93 | 96 | 3.2 | 93 | 93 | 0.0 | 30 - 130 | 30 | |
| 2,4-Dichlorophenol | ND | 130 | 88 | 86 | 2.3 | 90 | 89 | 1.1 | 30 - 130 | 30 | |
| 2,4-Dimethylphenol | ND | 230 | 88 | 85 | 3.5 | 71 | 70 | 1.4 | 30 - 130 | 30 | |
| 2,4-Dinitrophenol | ND | 230 | 80 | 78 | 2.5 | 97 | 97 | 0.0 | 30 - 130 | 30 | |
| 2,4-Dinitrotoluene | ND | 130 | 89 | 90 | 1.1 | 95 | 92 | 3.2 | 30 - 130 | 30 | |
| 2,6-Dinitrotoluene | ND | 130 | 90 | 91 | 1.1 | 93 | 92 | 1.1 | 40 - 140 | 30 | |
| 2-Chloronaphthalene | ND | 230 | 82 | 82 | 0.0 | 88 | 85 | 3.5 | 40 - 140 | 30 | |
| 2-Chlorophenol | ND | 230 | 85 | 81 | 4.8 | 83 | 87 | 4.7 | 30 - 130 | 30 | |
| 2-Methylnaphthalene | ND | 230 | 79 | 76 | 3.9 | 82 | 83 | 1.2 | 40 - 140 | 30 | |
| 2-Methylphenol (o-cresol) | ND | 230 | 87 | 86 | 1.2 | 81 | 83 | 2.4 | 40 - 140 | 30 | |
| 2-Nitroaniline | ND | 330 | 113 | 118 | 4.3 | 113 | 112 | 0.9 | 40 - 140 | 30 | |
| 2-Nitrophenol | ND | 230 | 83 | 82 | 1.2 | 87 | 86 | 1.2 | 40 - 140 | 30 | |
| 3&4-Methylphenol (m&p-cresol) | ND | 230 | 94 | 90 | 4.3 | 84 | 89 | 5.8 | 30 - 130 | 30 | |
| 3,3'-Dichlorobenzidine | ND | 130 | 90 | 92 | 2.2 | 96 | 92 | 4.3 | 40 - 140 | 30 | |
| 3-Nitroaniline | ND | 330 | 98 | 102 | 4.0 | 103 | 101 | 2.0 | 40 - 140 | 30 | |
| 4,6-Dinitro-2-methylphenol | ND | 230 | 86 | 88 | 2.3 | 92 | 94 | 2.2 | 30 - 130 | 30 | |
| 4-Bromophenyl phenyl ether | ND | 230 | 87 | 87 | 0.0 | 89 | 87 | 2.3 | 40 - 140 | 30 | |
| 4-Chloro-3-methylphenol | ND | 230 | 91 | 93 | 2.2 | 93 | 96 | 3.2 | 30 - 130 | 30 | |
| 4-Chloroaniline | ND | 230 | 84 | 81 | 3.6 | 82 | 81 | 1.2 | 40 - 140 | 30 | |
| 4-Chlorophenyl phenyl ether | ND | 230 | 83 | 85 | 2.4 | 88 | 86 | 2.3 | 40 - 140 | 30 | |
| 4-Nitroaniline | ND | 230 | 87 | 89 | 2.3 | 95 | 91 | 4.3 | 40 - 140 | 30 | |
| 4-Nitrophenol | ND | 230 | 93 | 98 | 5.2 | 105 | 103 | 1.9 | 30 - 130 | 30 | |
| Acenaphthene | ND | 230 | 86 | 86 | 0.0 | 91 | 89 | 2.2 | 30 - 130 | 30 | |
| Acenaphthylene | ND | 130 | 80 | 81 | 1.2 | 84 | 80 | 4.9 | 40 - 140 | 30 | |
| Acetophenone | ND | 230 | 76 | 72 | 5.4 | 76 | 80 | 5.1 | 40 - 140 | 30 | |
| Aniline | ND | 330 | 73 | 70 | 4.2 | 67 | 67 | 0.0 | 40 - 140 | 30 | |
| Anthracene | ND | 230 | 85 | 86 | 1.2 | 88 | 85 | 3.5 | 40 - 140 | 30 | |
| Benz(a)anthracene | ND | 230 | 85 | 87 | 2.3 | 90 | 86 | 4.5 | 40 - 140 | 30 | |
| Benzidine | ND | 330 | 73 | 74 | 1.4 | 12 | 10 | 18.2 | 40 - 140 | 30 | m |
| Benzo(a)pyrene | ND | 130 | 80 | 82 | 2.5 | 83 | 78 | 6.2 | 40 - 140 | 30 | |
| Benzo(b)fluoranthene | ND | 160 | 96 | 97 | 1.0 | 98 | 96 | 2.1 | 40 - 140 | 30 | |
| Benzo(ghi)perylene | ND | 230 | 77 | 78 | 1.3 | 85 | 77 | 9.9 | 40 - 140 | 30 | |
| Benzo(k)fluoranthene | ND | 230 | 60 | 62 | 3.3 | 65 | 59 | 9.7 | 40 - 140 | 30 | |
| Benzoic Acid | ND | 670 | 65 | 47 | 32.1 | 90 | 90 | 0.0 | 30 - 130 | 30 | r |
| Benzyl butyl phthalate | ND | 230 | 91 | 93 | 2.2 | 91 | 90 | 1.1 | 40 - 140 | 30 | |
| Bis(2-chloroethoxy)methane | ND | 230 | 83 | 80 | 3.7 | 83 | 84 | 1.2 | 40 - 140 | 30 | |
| Bis(2-chloroethyl)ether | ND | 130 | 69 | 67 | 2.9 | 69 | 72 | 4.3 | 40 - 140 | 30 | |
| Bis(2-chloroisopropyl)ether | ND | 230 | 65 | 62 | 4.7 | 64 | 68 | 6.1 | 40 - 140 | 30 | |
| Bis(2-ethylhexyl)phthalate | ND | 230 | 93 | 93 | 0.0 | 96 | 94 | 2.1 | 40 - 140 | 30 | |
| Carbazole | ND | 230 | 87 | 87 | 0.0 | 85 | 85 | 0.0 | 40 - 140 | 30 | |
| Chrysene | ND | 230 | 87 | 88 | 1.1 | 92 | 87 | 5.6 | 40 - 140 | 30 | |
| Dibenz(a,h)anthracene | ND | 130 | 80 | 81 | 1.2 | 87 | 80 | 8.4 | 40 - 140 | 30 | |
| Dibenzofuran | ND | 230 | 81 | 82 | 1.2 | 85 | 83 | 2.4 | 40 - 140 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl phthalate | ND | 230 | 85 | 86 | 1.2 | 89 | 88 | 1.1 | 40 - 140 | 30 | |
| Dimethylphthalate | ND | 230 | 86 | 88 | 2.3 | 90 | 89 | 1.1 | 40 - 140 | 30 | |
| Di-n-butylphthalate | ND | 670 | 92 | 92 | 0.0 | 93 | 90 | 3.3 | 40 - 140 | 30 | |
| Di-n-octylphthalate | ND | 230 | 92 | 93 | 1.1 | 94 | 92 | 2.2 | 40 - 140 | 30 | |
| Fluoranthene | ND | 230 | 83 | 84 | 1.2 | 87 | 83 | 4.7 | 40 - 140 | 30 | |
| Fluorene | ND | 230 | 82 | 83 | 1.2 | 87 | 84 | 3.5 | 40 - 140 | 30 | |
| Hexachlorobenzene | ND | 130 | 87 | 87 | 0.0 | 90 | 87 | 3.4 | 40 - 140 | 30 | |
| Hexachlorobutadiene | ND | 230 | 75 | 73 | 2.7 | 79 | 78 | 1.3 | 40 - 140 | 30 | |
| Hexachlorocyclopentadiene | ND | 230 | 65 | 64 | 1.6 | 61 | 56 | 8.5 | 40 - 140 | 30 | |
| Hexachloroethane | ND | 130 | 71 | 67 | 5.8 | 71 | 74 | 4.1 | 40 - 140 | 30 | |
| Indeno(1,2,3-cd)pyrene | ND | 230 | 75 | 76 | 1.3 | 83 | 75 | 10.1 | 40 - 140 | 30 | |
| Isophorone | ND | 130 | 73 | 71 | 2.8 | 74 | 75 | 1.3 | 40 - 140 | 30 | |
| Naphthalene | ND | 230 | 75 | 72 | 4.1 | 79 | 79 | 0.0 | 40 - 140 | 30 | |
| Nitrobenzene | ND | 130 | 77 | 74 | 4.0 | 78 | 82 | 5.0 | 40 - 140 | 30 | |
| N-Nitrosodimethylamine | ND | 230 | 64 | 62 | 3.2 | 65 | 67 | 3.0 | 40 - 140 | 30 | |
| N-Nitrosodi-n-propylamine | ND | 130 | 78 | 75 | 3.9 | 76 | 81 | 6.4 | 40 - 140 | 30 | |
| N-Nitrosodiphenylamine | ND | 130 | 87 | 88 | 1.1 | 86 | 84 | 2.4 | 40 - 140 | 30 | |
| Pentachloronitrobenzene | ND | 230 | 81 | 83 | 2.4 | 83 | 82 | 1.2 | 40 - 140 | 30 | |
| Pentachlorophenol | ND | 230 | 98 | 98 | 0.0 | 97 | 98 | 1.0 | 30 - 130 | 30 | |
| Phenanthrene | ND | 130 | 85 | 86 | 1.2 | 90 | 85 | 5.7 | 40 - 140 | 30 | |
| Phenol | ND | 230 | 89 | 85 | 4.6 | 85 | 89 | 4.6 | 30 - 130 | 30 | |
| Pyrene | ND | 230 | 84 | 84 | 0.0 | 89 | 85 | 4.6 | 30 - 130 | 30 | |
| Pyridine | ND | 230 | 52 | 48 | 8.0 | 58 | 53 | 9.0 | 40 - 140 | 30 | |
| % 2,4,6-Tribromophenol | 90 | % | 89 | 89 | 0.0 | 86 | 86 | 0.0 | 30 - 130 | 30 | |
| % 2-Fluorobiphenyl | 81 | % | 72 | 73 | 1.4 | 77 | 75 | 2.6 | 30 - 130 | 30 | |
| % 2-Fluorophenol | 79 | % | 77 | 74 | 4.0 | 73 | 77 | 5.3 | 30 - 130 | 30 | |
| % Nitrobenzene-d5 | 77 | % | 73 | 69 | 5.6 | 72 | 76 | 5.4 | 30 - 130 | 30 | |
| % Phenol-d5 | 81 | % | 84 | 79 | 6.1 | 79 | 82 | 3.7 | 30 - 130 | 30 | |
| % Terphenyl-d14 | 84 | % | 88 | 87 | 1.1 | 89 | 87 | 2.3 | 30 - 130 | 30 | |

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 540724 (ug/kg), QC Sample No: CG49979 (CG48035, CG48037, CG48038)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 94 | 86 | 8.9 | 88 | 83 | 5.8 | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 87 | 80 | 8.4 | 83 | 80 | 3.7 | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 100 | 88 | 12.8 | 91 | 84 | 8.0 | 70 - 130 | 30 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 96 | 86 | 11.0 | 89 | 83 | 7.0 | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 96 | 87 | 9.8 | 93 | 88 | 5.5 | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 104 | 95 | 9.0 | 98 | 94 | 4.2 | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 103 | 93 | 10.2 | 98 | 94 | 4.2 | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 92 | 84 | 9.1 | 77 | 71 | 8.1 | 70 - 130 | 30 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 102 | 87 | 15.9 | 90 | 82 | 9.3 | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 92 | 85 | 7.9 | 74 | 69 | 7.0 | 70 - 130 | 30 | m |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 91 | 81 | 11.6 | 84 | 78 | 7.4 | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 95 | 80 | 17.1 | 79 | 71 | 10.7 | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 95 | 85 | 11.1 | 90 | 81 | 10.5 | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 93 | 83 | 11.4 | 84 | 77 | 8.7 | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 96 | 87 | 9.8 | 90 | 83 | 8.1 | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 101 | 91 | 10.4 | 96 | 89 | 7.6 | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 92 | 83 | 10.3 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 93 | 84 | 10.2 | 83 | 77 | 7.5 | 70 - 130 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | ND | 5.0 | 100 | 91 | 9.4 | 96 | 88 | 8.7 | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 92 | 82 | 11.5 | 82 | 75 | 8.9 | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 117 | 102 | 13.7 | 109 | 98 | 10.6 | 70 - 130 | 30 | |
| 2,2-Dichloropropane | ND | 5.0 | 85 | 81 | 4.8 | 80 | 73 | 9.2 | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 97 | 87 | 10.9 | 88 | 83 | 5.8 | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 112 | 95 | 16.4 | 97 | 90 | 7.5 | 70 - 130 | 30 | |
| 2-Isopropyltoluene | ND | 5.0 | 99 | 90 | 9.5 | 95 | 87 | 8.8 | 70 - 130 | 30 | |
| 4-Chlorotoluene | ND | 5.0 | 95 | 85 | 11.1 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 116 | 100 | 14.8 | 103 | 95 | 8.1 | 70 - 130 | 30 | |
| Acetone | ND | 10 | 106 | 87 | 19.7 | 115 | 102 | 12.0 | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 91 | 81 | 11.6 | 74 | 67 | 9.9 | 70 - 130 | 30 | m |
| Acrylonitrile | ND | 5.0 | 105 | 96 | 9.0 | 92 | 88 | 4.4 | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 101 | 91 | 10.4 | 95 | 90 | 5.4 | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 91 | 82 | 10.4 | 85 | 79 | 7.3 | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 94 | 87 | 7.7 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 93 | 83 | 11.4 | 86 | 79 | 8.5 | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 91 | 81 | 11.6 | 77 | 73 | 5.3 | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 102 | 89 | 13.6 | 102 | 92 | 10.3 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 111 | 101 | 9.4 | 104 | 100 | 3.9 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 88 | 80 | 9.5 | 80 | 78 | 2.5 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 100 | 91 | 9.4 | 95 | 89 | 6.5 | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 100 | 88 | 12.8 | 96 | 95 | 1.0 | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 89 | 83 | 7.0 | 87 | 82 | 5.9 | 70 - 130 | 30 | |
| Chloromethane | ND | 5.0 | 100 | 93 | 7.3 | 95 | 89 | 6.5 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 100 | 76 | 27.3 | 87 | 89 | 2.3 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 93 | 84 | 10.2 | 83 | 78 | 6.2 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 100 | 88 | 12.8 | 90 | 84 | 6.9 | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 94 | 84 | 11.2 | 90 | 82 | 9.3 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 113 | 102 | 10.2 | 108 | 103 | 4.7 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 101 | 92 | 9.3 | 95 | 91 | 4.3 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 95 | 85 | 11.1 | 86 | 77 | 11.0 | 70 - 130 | 30 | |
| Isopropylbenzene | ND | 1.0 | 97 | 87 | 10.9 | 93 | 87 | 6.7 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 100 | 91 | 9.4 | 95 | 90 | 5.4 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 105 | 97 | 7.9 | 96 | 86 | 11.0 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 96 | 87 | 9.8 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 86 | 78 | 9.8 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 97 | 86 | 12.0 | 82 | 74 | 10.3 | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 1.0 | 98 | 88 | 10.8 | 89 | 84 | 5.8 | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 1.0 | 98 | 88 | 10.8 | 92 | 87 | 5.6 | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 98 | 90 | 8.5 | 93 | 87 | 6.7 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 97 | 87 | 10.9 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 104 | 92 | 12.2 | 98 | 91 | 7.4 | 70 - 130 | 30 | |
| Styrene | ND | 5.0 | 95 | 87 | 8.8 | 89 | 84 | 5.8 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 95 | 84 | 12.3 | 92 | 78 | 16.5 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 95 | 85 | 11.1 | 91 | 84 | 8.0 | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 5.0 | 102 | 93 | 9.2 | 97 | 92 | 5.3 | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 5.0 | 111 | 98 | 12.4 | 101 | 93 | 8.2 | 70 - 130 | 30 | |
| Toluene | ND | 1.0 | 99 | 90 | 9.5 | 94 | 89 | 5.5 | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 5.0 | 107 | 95 | 11.9 | 103 | 97 | 6.0 | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 5.0 | 90 | 82 | 9.3 | 79 | 74 | 6.5 | 70 - 130 | 30 | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 106 | 91 | 15.2 | 82 | 74 | 10.3 | 70 - 130 | 30 | |
| Trichloroethene | ND | 5.0 | 103 | 92 | 11.3 | 97 | 92 | 5.3 | 70 - 130 | 30 | |
| Trichlorofluoromethane | ND | 5.0 | 103 | 93 | 10.2 | 99 | 94 | 5.2 | 70 - 130 | 30 | |

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorotrifluoroethane | ND | 5.0 | 106 | 96 | 9.9 | 101 | 99 | 2.0 | 70 - 130 | 30 | |
| Vinyl chloride | ND | 5.0 | 117 | 107 | 8.9 | 111 | 109 | 1.8 | 70 - 130 | 30 | |
| % 1,2-dichlorobenzene-d4 | 100 | % | 100 | 100 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| % Bromofluorobenzene | 99 | % | 100 | 102 | 2.0 | 101 | 102 | 1.0 | 70 - 130 | 30 | |
| % Dibromofluoromethane | 94 | % | 91 | 95 | 4.3 | 93 | 92 | 1.1 | 70 - 130 | 30 | |
| % Toluene-d8 | 100 | % | 100 | 100 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540872 (ug/kg), QC Sample No: CG49981 (CG48034)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 104 | 107 | 2.8 | 94 | | | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 103 | 107 | 3.8 | 101 | | | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 108 | 109 | 0.9 | <10 | | | 70 - 130 | 30 | m |
| 1,1,2-Trichloroethane | ND | 5.0 | 98 | 102 | 4.0 | 75 | | | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 102 | 103 | 1.0 | 97 | | | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 108 | 110 | 1.8 | 105 | | | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 102 | 105 | 2.9 | 91 | | | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 102 | 108 | 5.7 | 57 | | | 70 - 130 | 30 | m |
| 1,2,3-Trichloropropane | ND | 5.0 | 99 | 102 | 3.0 | 100 | | | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 101 | 106 | 4.8 | 57 | | | 70 - 130 | 30 | m |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 91 | | | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 114 | 124 | 8.4 | 87 | | | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 101 | 103 | 2.0 | 74 | | | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 99 | 102 | 3.0 | 78 | | | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 104 | 107 | 2.8 | 86 | | | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 101 | 104 | 2.9 | 96 | | | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 96 | 99 | 3.1 | 94 | | | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 97 | 100 | 3.0 | 74 | | | 70 - 130 | 30 | |
| 1,3-Dichloropropane | ND | 5.0 | 100 | 103 | 3.0 | 87 | | | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 99 | 101 | 2.0 | 70 | | | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 116 | 113 | 2.6 | 120 | | | 70 - 130 | 30 | |
| 2,2-Dichloropropane | ND | 5.0 | 108 | 110 | 1.8 | 104 | | | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 97 | 99 | 2.0 | 93 | | | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 94 | 98 | 4.2 | 83 | | | 70 - 130 | 30 | |
| 2-Isopropyltoluene | ND | 5.0 | 104 | 107 | 2.8 | 93 | | | 70 - 130 | 30 | |
| 4-Chlorotoluene | ND | 5.0 | 96 | 99 | 3.1 | 80 | | | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 105 | 110 | 4.7 | 97 | | | 70 - 130 | 30 | |
| Acetone | ND | 10 | 89 | 94 | 5.5 | 79 | | | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 100 | 101 | 1.0 | 28 | | | 70 - 130 | 30 | m |
| Acrylonitrile | ND | 5.0 | 110 | 113 | 2.7 | 90 | | | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 100 | 102 | 2.0 | 93 | | | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 98 | 99 | 1.0 | 82 | | | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 99 | 105 | 5.9 | 82 | | | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 107 | 109 | 1.9 | 91 | | | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 102 | 107 | 4.8 | 80 | | | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 106 | 105 | 0.9 | 91 | | | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 104 | 106 | 1.9 | 76 | | | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 105 | 109 | 3.7 | 100 | | | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 98 | 99 | 1.0 | 80 | | | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 104 | 105 | 1.0 | 91 | | | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 99 | 102 | 3.0 | 95 | | | 70 - 130 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ND | 5.0 | 89 | 90 | 1.1 | 83 | | | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 95 | 96 | 1.0 | 80 | | | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 106 | 108 | 1.9 | 78 | | | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 109 | 113 | 3.6 | 89 | | | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 103 | 104 | 1.0 | 74 | | | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 96 | 101 | 5.1 | 91 | | | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 97 | 100 | 3.0 | 88 | | | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 101 | 109 | 7.6 | 63 | | | 70 - 130 | 30 | m |
| Isopropylbenzene | ND | 1.0 | 97 | 100 | 3.0 | 97 | | | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 96 | 99 | 3.1 | 85 | | | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 99 | 103 | 4.0 | 93 | | | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 106 | 107 | 0.9 | 99 | | | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 96 | 96 | 0.0 | 87 | | | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 107 | 114 | 6.3 | 75 | | | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 1.0 | 104 | 114 | 9.2 | 86 | | | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 94 | | | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 98 | 101 | 3.0 | 89 | | | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 100 | 106 | 5.8 | 89 | | | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 105 | 110 | 4.7 | 96 | | | 70 - 130 | 30 | |
| Styrene | ND | 5.0 | 98 | 99 | 1.0 | 76 | | | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 100 | 96 | 4.1 | 98 | | | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 94 | | | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 5.0 | 97 | 101 | 4.0 | 88 | | | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 5.0 | 105 | 108 | 2.8 | 96 | | | 70 - 130 | 30 | |
| Toluene | ND | 1.0 | 100 | 103 | 3.0 | 91 | | | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 5.0 | 112 | 114 | 1.8 | 86 | | | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 5.0 | 110 | 110 | 0.0 | 66 | | | 70 - 130 | 30 | m |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 130 | 135 | 3.8 | 87 | | | 70 - 130 | 30 | l |
| Trichloroethene | ND | 5.0 | 98 | 100 | 2.0 | 145 | | | 70 - 130 | 30 | m |
| Trichlorofluoromethane | ND | 5.0 | 102 | 106 | 3.8 | 97 | | | 70 - 130 | 30 | |
| Trichlorotrifluoroethane | ND | 5.0 | 102 | 108 | 5.7 | 96 | | | 70 - 130 | 30 | |
| Vinyl chloride | ND | 5.0 | 102 | 104 | 1.9 | 92 | | | 70 - 130 | 30 | |
| % 1,2-dichlorobenzene-d4 | 96 | % | 101 | 102 | 1.0 | 103 | | | 70 - 130 | 30 | |
| % Bromofluorobenzene | 101 | % | 102 | 101 | 1.0 | 97 | | | 70 - 130 | 30 | |
| % Dibromofluoromethane | 102 | % | 99 | 101 | 2.0 | 72 | | | 70 - 130 | 30 | |
| % Toluene-d8 | 95 | % | 103 | 102 | 1.0 | 101 | | | 70 - 130 | 30 | |

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540717 (ug/kg), QC Sample No: CG50004 (CG48033, CG48040)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 86 | 88 | 2.3 | 89 | 90 | 1.1 | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 82 | 82 | 0.0 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 87 | 92 | 5.6 | 114 | 120 | 5.1 | 70 - 130 | 30 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 86 | 89 | 3.4 | 92 | 94 | 2.2 | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 87 | 87 | 0.0 | 91 | 92 | 1.1 | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 94 | 94 | 0.0 | 102 | 103 | 1.0 | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 97 | 96 | 1.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 87 | 89 | 2.3 | 44 | 42 | 4.7 | 70 - 130 | 30 | m |
| 1,2,3-Trichloropropane | ND | 5.0 | 88 | 94 | 6.6 | 119 | 125 | 4.9 | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 87 | 87 | 0.0 | 53 | 50 | 5.8 | 70 - 130 | 30 | m |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | ND | 1.0 | 85 | 87 | 2.3 | 82 | 79 | 3.7 | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 75 | 82 | 8.9 | 90 | 97 | 7.5 | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 86 | 88 | 2.3 | 95 | 98 | 3.1 | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 86 | 88 | 2.3 | 88 | 87 | 1.1 | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 87 | 88 | 1.1 | 91 | 93 | 2.2 | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 92 | 94 | 2.2 | 97 | 98 | 1.0 | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 86 | 87 | 1.2 | 88 | 84 | 4.7 | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 87 | 88 | 1.1 | 91 | 90 | 1.1 | 70 - 130 | 30 | |
| 1,3-Dichloropropane | ND | 5.0 | 91 | 94 | 3.2 | 102 | 106 | 3.8 | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 85 | 87 | 2.3 | 93 | 92 | 1.1 | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 103 | 105 | 1.9 | 136 | 125 | 8.4 | 70 - 130 | 30 | m |
| 2,2-Dichloropropane | ND | 5.0 | 83 | 83 | 0.0 | 77 | 82 | 6.3 | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 89 | 91 | 2.2 | 103 | 102 | 1.0 | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 90 | 92 | 2.2 | 50 | 48 | 4.1 | 70 - 130 | 30 | m |
| 2-Isopropyltoluene | ND | 5.0 | 90 | 92 | 2.2 | 73 | 69 | 5.6 | 70 - 130 | 30 | m |
| 4-Chlorotoluene | ND | 5.0 | 88 | 89 | 1.1 | 102 | 100 | 2.0 | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 89 | 96 | 7.6 | 65 | 63 | 3.1 | 70 - 130 | 30 | m |
| Acetone | ND | 10 | 91 | 92 | 1.1 | 83 | 88 | 5.8 | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 68 | 75 | 9.8 | 18 | 17 | 5.7 | 70 - 130 | 30 | l,m |
| Acrylonitrile | ND | 5.0 | 82 | 91 | 10.4 | 96 | 96 | 0.0 | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 93 | 94 | 1.1 | 99 | 99 | 0.0 | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 86 | 87 | 1.2 | 106 | 108 | 1.9 | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 86 | 87 | 1.2 | 93 | 95 | 2.1 | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 84 | 86 | 2.4 | 86 | 88 | 2.3 | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 75 | 80 | 6.5 | 76 | 82 | 7.6 | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 87 | 86 | 1.2 | 99 | 98 | 1.0 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 93 | 93 | 0.0 | 94 | 94 | 0.0 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 81 | 81 | 0.0 | 79 | 82 | 3.7 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 94 | 94 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 93 | 89 | 4.4 | 90 | 98 | 8.5 | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 84 | 84 | 0.0 | 86 | 88 | 2.3 | 70 - 130 | 30 | |
| Chloromethane | ND | 5.0 | 86 | 86 | 0.0 | 97 | 99 | 2.0 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 90 | 86 | 4.5 | 87 | 88 | 1.1 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 84 | 85 | 1.2 | 84 | 85 | 1.2 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 87 | 90 | 3.4 | 92 | 96 | 4.3 | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 85 | 89 | 4.6 | 91 | 92 | 1.1 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 91 | 89 | 2.2 | 114 | 115 | 0.9 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 95 | 95 | 0.0 | 97 | 97 | 0.0 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 94 | 91 | 3.2 | 40 | 37 | 7.8 | 70 - 130 | 30 | m |
| Isopropylbenzene | ND | 1.0 | 92 | 92 | 0.0 | 103 | 101 | 2.0 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 95 | 94 | 1.1 | 95 | 94 | 1.1 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 87 | 92 | 5.6 | 86 | 87 | 1.2 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 75 | 78 | 3.9 | 92 | 93 | 1.1 | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 77 | 79 | 2.6 | 84 | 84 | 0.0 | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 87 | 92 | 5.6 | 71 | 69 | 2.9 | 70 - 130 | 30 | m |
| n-Butylbenzene | ND | 1.0 | 94 | 92 | 2.2 | 66 | 60 | 9.5 | 70 - 130 | 30 | m |
| n-Propylbenzene | ND | 1.0 | 92 | 92 | 0.0 | 98 | 96 | 2.1 | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 92 | 93 | 1.1 | 94 | 93 | 1.1 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 92 | 92 | 0.0 | 75 | 71 | 5.5 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 97 | 98 | 1.0 | 74 | 69 | 7.0 | 70 - 130 | 30 | m |
| Styrene | ND | 5.0 | 90 | 91 | 1.1 | 89 | 89 | 0.0 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 82 | 82 | 0.0 | 104 | 100 | 3.9 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 89 | 91 | 2.2 | 75 | 70 | 6.9 | 70 - 130 | 30 | |

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | 5.0 | 99 | 96 | 3.1 | 96 | 95 | 1.0 | 70 - 130 | 30 |
| Tetrahydrofuran (THF) | ND | 5.0 | 87 | 94 | 7.7 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| Toluene | ND | 1.0 | 93 | 94 | 1.1 | 96 | 96 | 0.0 | 70 - 130 | 30 |
| trans-1,2-Dichloroethene | ND | 5.0 | 97 | 95 | 2.1 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| trans-1,3-Dichloropropene | ND | 5.0 | 81 | 83 | 2.4 | 81 | 83 | 2.4 | 70 - 130 | 30 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 83 | 89 | 7.0 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| Trichloroethene | ND | 5.0 | 96 | 95 | 1.0 | 100 | 101 | 1.0 | 70 - 130 | 30 |
| Trichlorofluoromethane | ND | 5.0 | 91 | 90 | 1.1 | 99 | 98 | 1.0 | 70 - 130 | 30 |
| Trichlorotrifluoroethane | ND | 5.0 | 92 | 92 | 0.0 | 102 | 104 | 1.9 | 70 - 130 | 30 |
| Vinyl chloride | ND | 5.0 | 102 | 103 | 1.0 | 115 | 115 | 0.0 | 70 - 130 | 30 |
| % 1,2-dichlorobenzene-d4 | 100 | % | 99 | 100 | 1.0 | 95 | 95 | 0.0 | 70 - 130 | 30 |
| % Bromofluorobenzene | 97 | % | 100 | 101 | 1.0 | 95 | 94 | 1.1 | 70 - 130 | 30 |
| % Dibromofluoromethane | 91 | % | 93 | 93 | 0.0 | 94 | 95 | 1.1 | 70 - 130 | 30 |
| % Toluene-d8 | 99 | % | 100 | 101 | 1.0 | 99 | 98 | 1.0 | 70 - 130 | 30 |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540717H (ug/kg), QC Sample No: CG50004 50X (CG48036 (50X) , CG48039 (50X) )

## Volatiles - Soil (High Level)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 250 | 94 | 92 | 2.2 | 89 | 89 | 0.0 | 70 - 130 | 30 |
| 1,1,1-Trichloroethane | ND | 250 | 89 | 88 | 1.1 | 87 | 87 | 0.0 | 70 - 130 | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 250 | 99 | 100 | 1.0 | 100 | 99 | 1.0 | 70 - 130 | 30 |
| 1,1,2-Trichloroethane | ND | 250 | 95 | 95 | 0.0 | 94 | 94 | 0.0 | 70 - 130 | 30 |
| 1,1-Dichloroethane | ND | 250 | 95 | 94 | 1.1 | 95 | 92 | 3.2 | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 250 | 92 | 94 | 2.2 | 97 | 96 | 1.0 | 70 - 130 | 30 |
| 1,1-Dichloropropene | ND | 250 | 109 | 108 | 0.9 | 113 | 108 | 4.5 | 70 - 130 | 30 |
| 1,2,3-Trichlorobenzene | ND | 250 | 104 | 105 | 1.0 | 107 | 103 | 3.8 | 70 - 130 | 30 |
| 1,2,3-Trichloropropane | ND | 250 | 101 | 102 | 1.0 | 100 | 100 | 0.0 | 70 - 130 | 30 |
| 1,2,4-Trichlorobenzene | ND | 250 | 107 | 108 | 0.9 | 109 | 105 | 3.7 | 70 - 130 | 30 |
| 1,2,4-Trimethylbenzene | ND | 250 | 98 | 98 | 0.0 | 99 | 94 | 5.2 | 70 - 130 | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 250 | 92 | 93 | 1.1 | 90 | 89 | 1.1 | 70 - 130 | 30 |
| 1,2-Dibromoethane | ND | 250 | 96 | 96 | 0.0 | 95 | 95 | 0.0 | 70 - 130 | 30 |
| 1,2-Dichlorobenzene | ND | 250 | 100 | 100 | 0.0 | 100 | 97 | 3.0 | 70 - 130 | 30 |
| 1,2-Dichloroethane | ND | 250 | 95 | 93 | 2.1 | 94 | 95 | 1.1 | 70 - 130 | 30 |
| 1,2-Dichloropropane | ND | 250 | 103 | 101 | 2.0 | 102 | 100 | 2.0 | 70 - 130 | 30 |
| 1,3,5-Trimethylbenzene | ND | 250 | 99 | 98 | 1.0 | 101 | 95 | 6.1 | 70 - 130 | 30 |
| 1,3-Dichlorobenzene | ND | 250 | 101 | 101 | 0.0 | 101 | 97 | 4.0 | 70 - 130 | 30 |
| 1,3-Dichloropropane | ND | 250 | 103 | 101 | 2.0 | 101 | 100 | 1.0 | 70 - 130 | 30 |
| 1,4-Dichlorobenzene | ND | 250 | 100 | 100 | 0.0 | 100 | 96 | 4.1 | 70 - 130 | 30 |
| 1,4-dioxane | ND | 5000 | 114 | 112 | 1.8 | 109 | 112 | 2.7 | 70 - 130 | 30 |
| 2,2-Dichloropropane | ND | 250 | 90 | 88 | 2.2 | 88 | 85 | 3.5 | 70 - 130 | 30 |
| 2-Chlorotoluene | ND | 250 | 102 | 102 | 0.0 | 103 | 98 | 5.0 | 70 - 130 | 30 |
| 2-Hexanone | ND | 1300 | 97 | 99 | 2.0 | 106 | 106 | 0.0 | 70 - 130 | 30 |
| 2-Isopropyltoluene | ND | 250 | 102 | 103 | 1.0 | 110 | 104 | 5.6 | 70 - 130 | 30 |
| 4-Chlorotoluene | ND | 250 | 102 | 100 | 2.0 | 101 | 97 | 4.0 | 70 - 130 | 30 |
| 4-Methyl-2-pentanone | ND | 1300 | 101 | 102 | 1.0 | 111 | 109 | 1.8 | 70 - 130 | 30 |
| Acetone | ND | 500 | 77 | 81 | 5.1 | 84 | 84 | 0.0 | 70 - 130 | 30 |
| Acrolein | ND | 1300 | 77 | 76 | 1.3 | 80 | 82 | 2.5 | 70 - 130 | 30 |
| Acrylonitrile | ND | 250 | 93 | 97 | 4.2 | 102 | 102 | 0.0 | 70 - 130 | 30 |
| Benzene | ND | 250 | 104 | 103 | 1.0 | 106 | 103 | 2.9 | 70 - 130 | 30 |
| Bromobenzene | ND | 250 | 97 | 96 | 1.0 | 96 | 92 | 4.3 | 70 - 130 | 30 |
| Bromochloromethane | ND | 250 | 93 | 93 | 0.0 | 92 | 92 | 0.0 | 70 - 130 | 30 |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | 250 | 91 | 88 | 3.4 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| Bromoform | ND | 250 | 82 | 80 | 2.5 | 68 | 74 | 8.5 | 70 - 130 | 30 | m |
| Bromomethane | ND | 250 | 72 | 73 | 1.4 | 70 | 74 | 5.6 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 250 | 90 | 94 | 4.3 | 101 | 99 | 2.0 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 250 | 86 | 86 | 0.0 | 81 | 81 | 0.0 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 250 | 106 | 104 | 1.9 | 106 | 103 | 2.9 | 70 - 130 | 30 | |
| Chloroethane | ND | 250 | 36 | 35 | 2.8 | 38 | 34 | 11.1 | 70 - 130 | 30 | l,m |
| Chloroform | ND | 250 | 84 | 83 | 1.2 | 81 | 86 | 6.0 | 70 - 130 | 30 | |
| Chloromethane | ND | 250 | 104 | 100 | 3.9 | 106 | 104 | 1.9 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 250 | 86 | 101 | 16.0 | 84 | 80 | 4.9 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 250 | 92 | 91 | 1.1 | 87 | 88 | 1.1 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 150 | 95 | 93 | 2.1 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| Dibromomethane | ND | 250 | 94 | 93 | 1.1 | 92 | 92 | 0.0 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 250 | 107 | 105 | 1.9 | 125 | 120 | 4.1 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 250 | 108 | 108 | 0.0 | 110 | 106 | 3.7 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 250 | 115 | 117 | 1.7 | 118 | 110 | 7.0 | 70 - 130 | 30 | |
| Isopropylbenzene | ND | 250 | 105 | 104 | 1.0 | 108 | 101 | 6.7 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 250 | 108 | 106 | 1.9 | 109 | 105 | 3.7 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 250 | 96 | 99 | 3.1 | 107 | 105 | 1.9 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 250 | 83 | 82 | 1.2 | 89 | 91 | 2.2 | 70 - 130 | 30 | |
| Methylene chloride | ND | 250 | 83 | 82 | 1.2 | 83 | 83 | 0.0 | 70 - 130 | 30 | |
| Naphthalene | ND | 250 | 102 | 105 | 2.9 | 110 | 108 | 1.8 | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 250 | 110 | 110 | 0.0 | 113 | 105 | 7.3 | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 250 | 106 | 105 | 0.9 | 109 | 103 | 5.7 | 70 - 130 | 30 | |
| o-Xylene | ND | 250 | 104 | 103 | 1.0 | 106 | 102 | 3.8 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 250 | 107 | 107 | 0.0 | 109 | 102 | 6.6 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 250 | 111 | 112 | 0.9 | 116 | 108 | 7.1 | 70 - 130 | 30 | |
| Styrene | ND | 250 | 103 | 101 | 2.0 | 102 | 99 | 3.0 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 5000 | 92 | 88 | 4.4 | 85 | 87 | 2.3 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 250 | 102 | 101 | 1.0 | 104 | 99 | 4.9 | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 250 | 109 | 112 | 2.7 | 115 | 111 | 3.5 | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 250 | 98 | 101 | 3.0 | 107 | 106 | 0.9 | 70 - 130 | 30 | |
| Toluene | ND | 250 | 104 | 103 | 1.0 | 105 | 104 | 1.0 | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 250 | 107 | 105 | 1.9 | 110 | 107 | 2.8 | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 250 | 89 | 87 | 2.3 | 82 | 83 | 1.2 | 70 - 130 | 30 | |
| trans-1,4-dichloro-2-butene | ND | 250 | 94 | 93 | 1.1 | 91 | 91 | 0.0 | 70 - 130 | 30 | |
| Trichloroethene | ND | 250 | 109 | 106 | 2.8 | 111 | 107 | 3.7 | 70 - 130 | 30 | |
| Trichlorofluoromethane | ND | 250 | 28 | 27 | 3.6 | 29 | 28 | 3.5 | 70 - 130 | 30 | l,m |
| Trichlorotrifluoroethane | ND | 250 | 95 | 96 | 1.0 | 106 | 103 | 2.9 | 70 - 130 | 30 | |
| Vinyl chloride | ND | 250 | 126 | 125 | 0.8 | 134 | 130 | 3.0 | 70 - 130 | 30 | m |
| % 1,2-dichlorobenzene-d4 | 101 | % | 100 | 101 | 1.0 | 101 | 101 | 0.0 | 70 - 130 | 30 | |
| % Bromofluorobenzene | 97 | % | 100 | 98 | 2.0 | 100 | 101 | 1.0 | 70 - 130 | 30 | |
| % Dibromofluoromethane | 89 | % | 89 | 91 | 2.2 | 88 | 91 | 3.4 | 70 - 130 | 30 | |
| % Toluene-d8 | 98 | % | 100 | 101 | 1.0 | 100 | 101 | 1.0 | 70 - 130 | 30 | |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

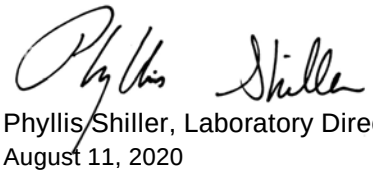
# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
August 11, 2020

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48033 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 17 | 17 | ug/Kg |
| CG48033 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 0.17 | 0.17 | ug/Kg |
| CG48033 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 5.1 | 5.1 | ug/Kg |
| CG48034 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48034 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48034 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48034 | CR-SM | Chromium | NY / 375-6.8 Metals / Unrestricted Use Soil | 35.0 | 0.36 | 30 | | mg/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 6100 | 270 | 5000 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 1000 | 190 | 500 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NJ / Soil Remediation Standard / Res. Direct Contact | 5300 | 190 | 500 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NJ / Soil Remediation Standard / Res. Direct Contact | 5700 | 270 | 5000 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 5700 | 270 | 1700 | 1700 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3400 | 270 | 1700 | 1700 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 3400 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential Restricted | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential Restricted | 6000 | 270 | 3900 | 3900 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3400 | 270 | 800 | 800 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 17 | 17 | ug/Kg |
| CG48035 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 5.1 | 5.1 | ug/Kg |
| CG48035 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 0.17 | 0.17 | ug/Kg |
| CG48035 | HG-SM | Mercury | NY / 375-6.8 Metals / Unrestricted Use Soil | 0.33 | 0.03 | 0.18 | 0.18 | mg/Kg |
| CG48035 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 276 | 0.7 | 63 | 63 | mg/Kg |

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48035 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 149 | 0.7 | 109 | 109 | mg/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromoethane | NJ / Soil Remediation Standard / Res. Direct Contact | ND | 26 | 8 | 5 | ug/Kg |
| CG48036 | $8260MADPR | Acetone | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 260 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | Vinyl chloride | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dichloroethane | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 100 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | Vinyl chloride | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 100 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dichloroethane | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Acetone | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 260 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | 1,1,2,2-Tetrachloroethane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 9.3 | 9.3 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromo-3-chloropropane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 9.2 | 9.2 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | PA / Reg Fill Limits GP-1a / Organics | ND | 100 | 76 | 76 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromoethane | PA / Reg Fill Limits GP-1a / Organics | ND | 26 | 1.2 | 1.2 | ug/Kg |
| CG48036 | $8260MADPR | Chloromethane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 38 | 38 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NJ / Soil Remediation Standard / Res. Direct Contact | 3500 | 190 | 500 | 200 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 730 | 190 | 500 | 200 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3100 | 260 | 1700 | 1700 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 4200 | 260 | 1700 | 1700 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 3100 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential Restricted | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3100 | 260 | 800 | 800 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 0.17 | 0.17 | ug/Kg |

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48036 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 17 | 17 | ug/Kg |
| CG48036 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 5.1 | 5.1 | ug/Kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 2100 | 100 | 100 | ug/kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 2100 | 100 | 100 | ug/kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | PA / Reg Fill Limits GP-1a / Organics | ND | 2100 | 310 | 310 | ug/kg |
| CG48036 | $NJADD-SM | Acrolein | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 1.4 | 1.4 | ug/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Ground Water Protection | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Residential | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Residential Restricted | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Unrestricted Use Soil | 16.9 | 0.74 | 13 | 13 | mg/Kg |
| CG48036 | CU-SM | Copper | NY / 375-6.8 Metals / Unrestricted Use Soil | 77.1 | 0.7 | 50 | 50 | mg/kg |
| CG48036 | HG-SM | Mercury | NY / 375-6.8 Metals / Unrestricted Use Soil | 0.30 | 0.03 | 0.18 | 0.18 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NJ / Soil Remediation Standard / Res. Direct Contact | 518 | 0.7 | 400 | 1 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Ground Water Protection | 518 | 0.7 | 450 | 450 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential | 518 | 0.7 | 400 | 400 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential Restricted | 518 | 0.7 | 400 | 400 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 518 | 0.7 | 63 | 63 | mg/Kg |
| CG48036 | PB-SMDP | Lead | PA / Reg Fill Limits GP-1a / Metals & Inorganics | 518 | 0.7 | 450 | 450 | mg/Kg |
| CG48036 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 268 | 0.7 | 109 | 109 | mg/Kg |
| CG48037 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48037 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48037 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48037 | CU-SM | Copper | NY / 375-6.8 Metals / Unrestricted Use Soil | 58.4 | 0.7 | 50 | 50 | mg/kg |
| CG48037 | PB-SMDP | Lead | NJ / Soil Remediation Standard / Res. Direct Contact | 1390 | 6.9 | 400 | 1 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Ground Water Protection | 1390 | 6.9 | 450 | 450 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential | 1390 | 6.9 | 400 | 400 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential Restricted | 1390 | 6.9 | 400 | 400 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 1390 | 6.9 | 63 | 63 | mg/Kg |
| CG48037 | PB-SMDP | Lead | PA / Reg Fill Limits GP-1a / Metals & Inorganics | 1390 | 6.9 | 450 | 450 | mg/Kg |
| CG48037 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 120 | 0.7 | 109 | 109 | mg/Kg |
| CG48038 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48038 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48038 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48038 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 107 | 0.7 | 63 | 63 | mg/Kg |

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**Environmental Laboratories, Inc.**
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Comments

August 11, 2020 SDG I.D.: GCG48033

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

## *PEST Narration*

**AU-ECD4 08/10/20-1:** CG48036

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CG48036
Preceding CC 810A004 - Methoxychlor 25%L (20%)
Succeeding CC 810A021 - Endosulfan I 21%H (20%), Methoxychlor 22%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

## *SVOA Narration*

**CHEM29 08/05/20-1:** CG48033, CG48034, CG48035, CG48036, CG48037, CG48038

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.096 (0.1), Hexachlorobenzene 0.079 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.080 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

## *VOA Narration*

**CHEM14 08/10/20-1:** CG48034

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 25% (20%), Acetone 31% (20%), Methyl Ethyl Ketone 29% (20%), Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.086 (0.1), Bromoform 0.080 (0.1), Tetrachloroethene 0.181 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**CHEM31 08/07/20-2:** CG48033, CG48036, CG48039, CG48040

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.075 (0.1), Tetrachloroethene 0.172 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**Environmental Laboratories, Inc.**
**587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045**
**Tel. (860) 645-1102 Fax (860) 645-0823**

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Comments

August 11, 2020 SDG I.D.: GCG48033

**CHEM31 08/09/20-1:** CG48035, CG48037, CG48038

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.075 (0.1), Tetrachloroethene 0.172 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.046 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.050 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**Environmental Laboratories, Inc.**
**587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045**
**Tel. (860) 645-1102 Fax (860) 645-0823**

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# NY Temperature Narration

**August 11, 2020**

**SDG I.D.: GCG48033**

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

# CHAIN OF CUSTODY RECORD

Temp 2.4 °C Pg 1 of 1

**PHOENIX**
*Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-8726**

**Data Delivery:**
☐ Fax #:
■ Email Kbrussee@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 316 Hugeonot St. New Rochelle NY
Report to: EBC
Invoice to: EBC
Phone #: 631.504.6000
Fax #: 631.924.2870

Project P.O:

This section MUST be completed with Bottle Quantities.

**Client Sample - Information - Identification**

Sampler's Signature: Derek Merker Date: 8/4/20

**Matrix Code:**
**DW**=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
**RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
**OIL**=Oil **B**=Bulk **L**=Liquid

Analysis Request

| PHOENIX USE ONLY SAMPLE # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | VOCs 8260 + 1,4-Dioxine | SVOCs 8270 + Pyridine | PCBs | Pesticides | TAL Metals (+ Hex Cr + Mo and Cyanide) | + | + | + | + | + | + | Soil VOA Vials [ ] methanol [ ] H2O | GL Soil container ( 8 ) oz | GL Soil container ( 4 ) oz | 5 g Encores | GL Amber 1000ml [ ] As is [ ] H2SO4 | PL As is [ ] 250ml [ ] 500ml [ ] 1000ml | PL H2SO4 [ ] 250ml [ ] 500ml | PL HNO3 250ml | PL NaOH 250ml | Bacteria Bottle |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48033 | 316B1 Fill | Soil | 8/4/2020 | 8:23 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48034 | 316B2 Fill | Soil | 8/4/2020 | 9:13 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48035 | 316B3 Fill | Soil | 8/4/2020 | 10:30 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48036 | 316B4 Fill | Soil | 8/4/2020 | 8:49 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48037 | 316B5 Fill | Soil | 8/4/2020 | 9:51 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48038 | 316B6 Fill | Soil | 8/4/2020 | 9:25 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48039 | Trip Blanks HL | | | | X | | | | | | | | | | | 1 | | | | | | | | | |
| 48040 | Trip Blanks LL | | | | X | | | | | | | | | | | 2 | | | | | | | | | |
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| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| Derek Merker | | 8/5 | 1620 |
| | | | |
| | | | |

**Comments, Special Requirements or Regulations:**

* SVOC list to include atrazine, benzaldehyde, 1,1-biphenyl, and caprolactam.

Quote# EB030217SB

* VOC list to include acrolein, TBA, and total xylenes

**Turnaround:**
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard
☐ Other
* SURCHARGE APPLIES

**NJ**
■ Direct Contact (Residential)
☐ GW
☐ Other

**NY**
■ UUSCOs
■ RRSCOs
■ NJ Residential
■ PA Regulated Fill
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

**MA**
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

**State where samples were collected:** NY

**Data Format**
■ Excel
■ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

**Data Package**
☐ Tier II Checklist
ASP B Deliverables*
☐ Phoenix Std Report
☐ Other

## Sarah Bell

**Subject:** FW: Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

*Note: I am currently working remotely. You may call me directly at my cell number below or email
Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
(C)860-558-0726
**Website:** www.phoenixlabs.com

---

**From:** Kevin Brussee [mailto:kbrussee@ebcincny.com]
**Sent:** Thursday, August 06, 2020 7:56 AM
**To:** Sarah Bell; 'Derek Merker'
**Cc:** tgallo@ebcincny.com
**Subject:** RE: Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

Sarah,

The analysis list for these samples should just be VOCs 8260, SVOCs 8270, Pesticides 8081, PCBs 8082, and TAL Metals.

Please ignore the additional add-ons of 1,4-dioxane, pyridine, hex Cr, Mo, and cyanide).and the SVOCs listed in the comment section.

Thanks,

**Kevin Brussee**

**Vice President**

EBC

***Environmental Business Consultants***

**Ph: 631.504.6000 ext. 114**

**Fax: 631.924.2870**

**Cell: 631.338.1749**

**Kbrussee@ebcincny.com**

**From:** clientservices@phoenixlabs.com <clientservices@phoenixlabs.com>
**Sent:** Wednesday, August 05, 2020 6:57 PM
**To:** kbrussee@ebcincny.com
**Subject:** Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

This is an automated sample acknowledgement.

Price Quote#: EB030217SB

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

GCG48033 Criteria:
SOIL(8): NJ RC (Res. Criteria Remediation), NY 375 (375 Unrestricted), NY 375GWP (375 Soil GWP), NY 375RRS (375 Residential Restricted), NY 375RS (375 Residential), PA REGF (Regulated Fill Criteria)

Please email client services only if you require criteria different than what is listed.

Delivery group GCG48033 (316 HUGUENOT ST NEW ROCHELLE NY ) has been logged in for the following samples:

| Phoenix Id | Client Id |
|---|---|
| CG48033 | 316B1 FILL |
| CG48034 | 316B2 FILL |
| CG48035 | 316B3 FILL |
| CG48036 | 316B4 FILL |
| CG48037 | 316B5 FILL |
| CG48038 | 316B6 FILL |

| | |
|---|---|
| CG48039 | TRIP BLANK HL |
| CG48040 | TRIP BLANK LL |

The samples in this delivery group were received at 2.9°C. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Thank you for your business,

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06374
Tel. (860) 645-1102
Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.
cc'd:csosik@ebcincny.com;kbrussee@ebcincny.com;creilly@ebcincny.com;tgallo@ebcincny.com;rmbennett@ebcincny.com;akasten@ebcincny.com;abalado@ebcincny.com;kbutler@ebcincny.com;dmerker@ebcincny.com;christinaw@phoenixlabs.com;maryam@phoenixlabs.com;dbenyei@ebcincny.com;jvisconte@ebcincny.com;nbyrnes@ebcincny.com;ssurrusco@ebcincny.com

# PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

ALLSTATE VENTURES LLC
316 HUGUENOT STREET
NEW ROCHELLE, NEW YORK 10801

TEAM ENVIRONMENTAL
CONSULTANTS, INC.
2 PETER BUSH DRIVE
MONROE, NEW YORK 10950
(845) 692-8124

OCTOBER 3, 2019

## 1.0 EXECUTIVE SUMMARY

Team Environmental Consultants, Inc. (TEAM), was authorized by Mikel Jeremias (Allstate Ventures LLC), to conduct a Phase I Environmental Site Assessment (ESA) of a commercial property located at 316 Huguenot Street in New Rochelle, New York. TEAM's Phase I ESA was conducted in general conformance with ASTM Practice E 1527-13 (Standard Practice for Phase I ESA Process) guidelines. The objective of this effort was to identify significant environmental impairments and liabilities associated with the property. The requested scope of work included the following main tasks: 1) Review of readily available historical and regulatory file information; 2) Performance of site/regulatory interviews and a walk-through property inspection; 3) Review of a July 2018 UST Closure Remedial Action report and a federal and state environmental database report; and 4) Documentation of findings in a Phase I ESA report.

Based on the property setting and planned site use, availability of a municipal water supply, review of available historical, regulatory, and environmental information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" (RECs) associated with the subject property were identified.

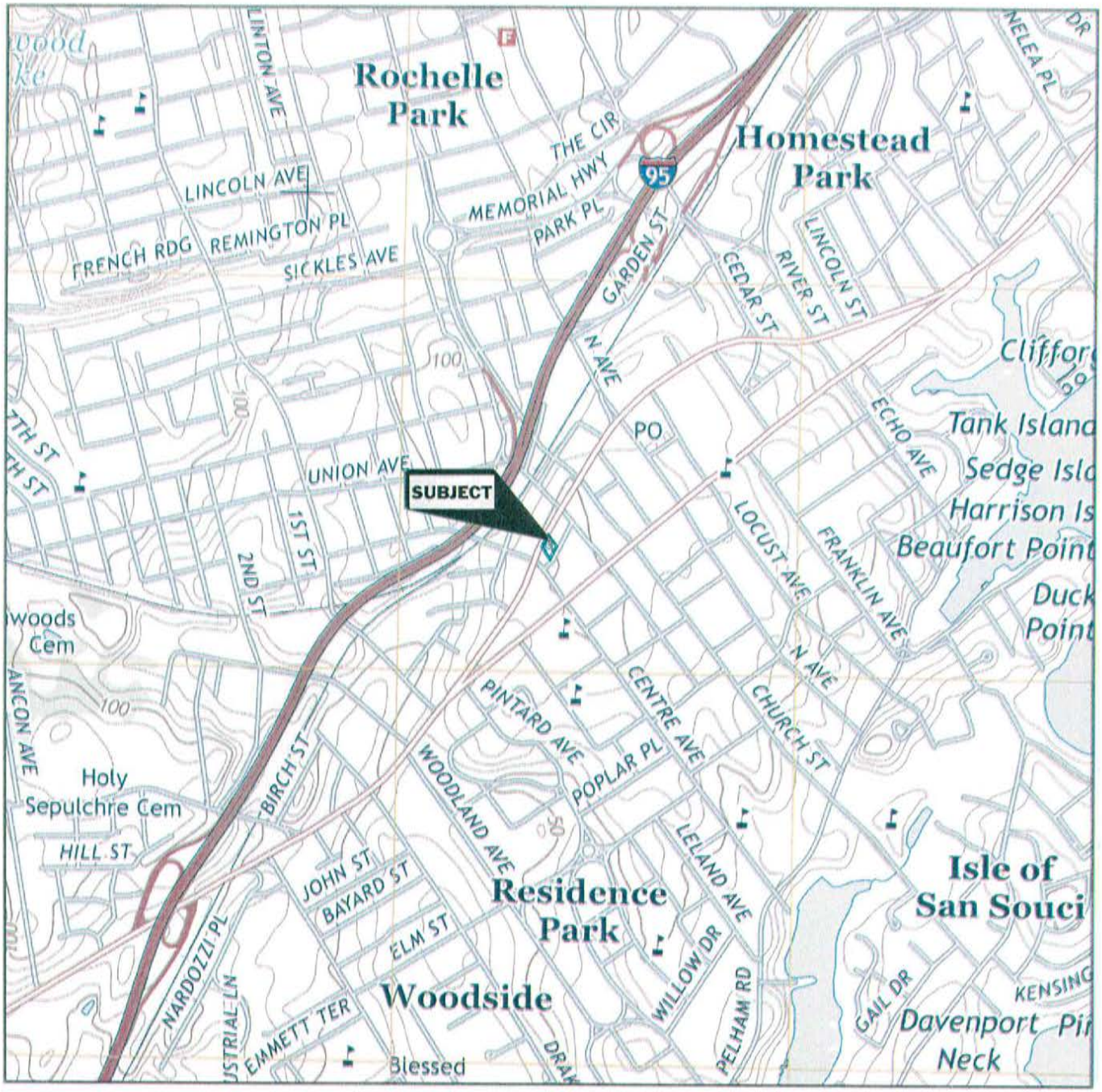
## 2.0 PROPERTY DESCRIPTION

### 2.1 Site Description

The property is found along the southeastern side of Huguenot Street, approximately 500-feet southeast of the New England Thruway (Interstate Route 95), in the City of New Rochelle, Westchester County, New York (Figure 1). The site is situated within an urban mixed-use setting and is bordered to the northeast by a four-story structure which houses a ground floor dining establishment (Modern Restaurant & Lounge) and upper level residential apartments, to the southeast by Westchester Place and a wholesale plumbing and heating equipment and supply business (Kent Supply Company), to the southwest by a five-story mixed-use (ground floor retail and upper level residential) structure and Centre Avenue, and to the northwest by Huguenot Street, municipal parking area, and Trinity Saint Paul's Episcopal Church. The site topography is generally level and at grade with neighboring roadways. Photographs obtained during the performance of the property walk-through inspection are presented in Attachment A.

The irregularly shaped 0.28-acre (~12,240-$ft^2$) property is currently improved with a one-story (slab on grade with partial mezzanine level storage area) wood/steel frame commercial structure which formerly contained a retail home improvement business (Modern Hardware and Wallauer

# FIGURE 1 - SITE LOCATION MAP




USGS TOPOGRAPHIC MAP
7.5 MINUTE SERIES - 2013
NEW ROCHELLE, NEW YORK

Paint and Design). At the time of inspection, the building interior was being renovated to house Kent Supply Company (plumbing and heating equipment and supply business). According to City of New Rochelle Tax Assessor Records and Phase I ESA interviews, the building has an area of ~5,900-ft$^2$ and was constructed circa-1957 to house a Firestone Tire business. The structure contains product display and sales areas, mezzanine level storage space, warehouse areas, offices, and restrooms. Paved parking areas are accessed from both Huguenot Street and Westchester Place. No documentation detailing historic site development or performance of building renovation efforts was available. Property owner and developer, Mikel Jeremias (Allstate Ventures LLC), informed TEAM that planned site improvement work calls for demolition of the building and construction of a fourteen-story mixed-use structure. The steel frame masonry block building will reportedly have a gross floor area of 189,403-ft$^2$ and will contain 190-residential apartments (studio, one, and two-bedroom units), multi-level parking garage for 170-vehicles, and 3,200-ft$^2$ of ground floor level retail/commercial lease space. Building demolition activities are expected to commence in the Spring of 2020 following the issuance of required permits and regulatory approvals. Completion of the project is anticipated with an eighteen to twenty-four month time frame. No formal site improvement plans were available for review.

The site is located within a City of New Rochelle zoning class DB (Downtown Business) district. The potable water supply and sanitary waste treatment service are provided by the City of New Rochelle Department of Public Works and Sewer District, respectively. Facility heating and cooling are currently supplied by natural gas fired equipment (roof mounted HVAC system and ceiling mounted blowers found within the warehouse areas). Information concerning the discovery, investigation, and closure of former onsite USTs is presented in Section 2.6. Heating and cooling for the planned residential and retail/commercial units will be provided by individual natural gas fired systems. Electrical service and natural gas are supplied to the area by Consolidated Edison Utilities (ConEd). Non-hazardous solid waste is removed for offsite disposal by a private hauler. Utility service connections are located both aboveground and underground.

## 2.2 Site History

Information obtained from the City of New Rochelle Tax Assessor's Office indicated the subject property (Section 2, Block 415, Lot 13) to have been acquired by Allstate Ventures LLC in July of 2018. Former property owners have reportedly included Vinek Holding Corp. (2009-2018), McCosker Equities Ltd. (2002-2009), and the City of New Rochelle (?-2002). No previously conducted title searches, documentation detailing historic property ownership, or contact information for former property owners was available. None of the owners on record appear to have been an industrial or manufacturing concern that would have been expected to have utilized the property for the storage, usage, or disposal of chemicals or hazardous materials.

Sanborn Fire Insurance Maps from 1887-1911 (Section 2.5) identified the subject property to be undeveloped. The site was shown on maps from 1931 and 1951 to be improved with a one-story "filling station" and three associated gasoline tanks within the northern most section of the parcel. Information concerning the performance of a follow-up ground-penetrating radar (GPR) survey to locate any onsite underground storage tanks (USTs) and completion of UST removal and remediation activities is provided in Section 2.6.

Tax Assessor records indicated the issuance of Building Permit No. 29155 on September 23, 1957 for the existing commercial structure. The "T-shaped" building was reportedly originally operated as a tire and automotive repair center (Firestone) and was shown on a reviewed Property Record Card to have contained a vehicle service area and storage/sales rooms. A 1990 fire insurance map noted the building to have been "vacant." The building was last operated as a retail home improvement business (Modern Hardware and Wallauer Paint and Design) and as indicated is presently being renovated to temporarily house Kent Supply Company until the planned site development project begins in the Spring of 2020. Mikel Jeremias (Allstate Ventures LLC) was unaware of any issues of environmental concern associated with the property. No information as to historic site use for industrial or manufacturing purposes (i.e., activities expected to have routinely produced regulated hazardous materials or waste products) was available during the performance of the Phase I ESA.

## 2.3 User Provided Information

No previously prepared title records, Phase I Environmental Site Assessment reports, information concerning environmental liens, property use limitations, valuation reduction based on environmental issues, or commonly known/reasonably ascertainable information that is material to recognized environmental conditions (RECs) in connection with the 316 Huguenot Street property location was provided to TEAM.

## 2.4 Aerial Photograph Review

Aerial photographs of the subject property vicinity were reviewed by TEAM to assist with the evaluation of historic site use. Photographs from 1954, 1966, and 1974 were inspected on an on-line National Environmental Title Research web site. Photographs were also obtained from a Google Earth web site (April 1994, March 2004, March 2007, June 2010, October 2014, and May 2018). The review of several figures was difficult due to poor image quality. All photographs identified the subject commercial structure. Neighboring properties appeared to be used for residential and retail/commercial purposes. The poor scale and clarity of these images precluded an in-depth inspection of the subject property for visual evidence of environmental impairment

(e.g., aboveground petroleum storage tanks, fuel dispensing pumps, or illegal dumping). Copies of the 1994-2018 aerial photographs are provided within Attachment B.

## 2.5 Sanborn Fire Insurance Map Review

Sanborn Fire Insurance Maps were obtained for the Huguenot Street property location for the years 1887, 1892, 1896, 1903, 1911, 1931, 1951, 1990, 1991, 1992, 1993, 1994, 1995, 1996, and 2003. The review of these figures (copies found in Attachment C) was difficult due to poor clarity and the absence of readily identifiable property boundaries. The 1887-1911 maps illustrated the subject property to be undeveloped (a two-story private dwelling was depicted along the northeastern property border). The 1931 and 1951 figures identified the presence of a "filling station" and three associated gasoline tanks within the northern section of the site. The present day circa-1957 "T-shaped" building was shown on the 1990-2003 maps to contain a "store" (vacant in 1990). No site tenancies were referenced. Neighboring properties were indicated to have been undeveloped or utilized for residential and retail/commercial purposes. None of the maps noted historic use of the subject parcel for industrial or manufacturing purposes (i.e., operations expected to have routinely utilized or produced regulated hazardous waste products).

## 2.6 Follow-up GPR Survey and UST Closure Activities

Based on the 1931 and 1951 Sanborn fire insurance map identified presence of an onsite filling station and three associated gasoline USTs, TEAM was authorized by Allstate Ventures LLC to coordinate and observe performance of a non-intrusive ground-penetrating radar (GPR) survey. Said field investigation was conducted on May 14, 2018 by Underground Surveying LLC of Brookfield, Connecticut. The results of said survey identified the presence of two magnetic "anomalies" within the front parking area (northern section of site proximate to the fire insurance map noted gasoline filling station) and along the southeastern (rear) side of the subject structure. A copy of the Underground Surveying Geophysical Survey Report is found in Attachment D. The presence of the suspected steel USTs was subsequently confirmed during performance of a test pit investigation conducted utilizing a backhoe.

UST closure activities were conducted by Northeast Environmental, Inc. (NEI) of Mamaroneck, New York on behalf of Vinek Corporation (property owner). Based on the discovery of petroleum impacted soils at both UST locations, the New York State Department of Environmental Conservation (NYSDEC) Spills Hotline was contacted as required and the site was issued Spill Number 18-02819 on June 12, 2018. A NEI Remedial Action Report prepared for submittal to NYSDEC Region 3 (text portion provided in Attachment E) presented the following information.

• "Northeast was retained by Vinek Corporation for the removal of underground storage tanks (USTs) located during a geophysical survey conducted in May of 2018 by Underground Surveying of Brookfield, Connecticut.

• Rear of Structure - Upon removal of overburden soils from the rear anomaly it was observed that a 550-gallon UST was present. The contents of the UST were pumped out and the tank de-gassed prior to cutting it open to allow cleaning of the residual petroleum and sludge. The UST was then removed and the soils in the excavation were inspected for a petroleum release utilizing a Multi Rae Portable VOC meter (aka PID Meter). Soils at 0-4' below surface grade (bsg) were observed to have PID readings of 600-ppm and would require remediation.

• Front Asphalt Parking Area - Removal of overburden soils from the front anomaly found that a previously abandoned 1,000-gallon UST was present as well as a 300-gallon UST. The 1,000-gallon UST was filled with K-Crete and the 300-gallon was observed to be free of any liquids or residual sludge. The USTs were then removed and the soils within the excavation were inspected for a petroleum release utilizing a PID meter. Soils within all four sides of the excavation were observed to have PID readings in excess of 2,000-ppm and would require remediation.

• Remedial efforts commenced on June 13, 2018 with the removal of impacted soils from the rear excavation. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings for VOCs were containerized, transported offsite and disposed of at Oil Safe, Inc. - Metro 12 located in Carteret, New Jersey. A total of 17.91-tons of petroleum impacted soil was removed from the rear of the structure. Upon completion of the remedial work at the rear of the structure, efforts turned to remediating the impacted soils at the front of the structure. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings in excess of 200-ppm for VOCs were containerized, transported offsite and disposed of at Oil Safe, Inc. - Metro 12 located in Carteret, New Jersey. A total of 549.82-tons of petroleum impacted soil was removed from the front of the structure. During the excavation of petroleum impacted soils, in both the rear and front of the structure, groundwater was not encountered. The front excavation reached depths of 20' with no observance of groundwater.

• Upon achieving acceptable PID readings from within the excavated areas, post-excavation soil sampling was conducted. Composite soil samples were retrieved from the excavations using sterile hand tools and sampling equipment. Soils were jarred, pack in ice and delivered to a NYS certified laboratory to be analyzed according to NYSDEC protocol for Volatile

Organic Contaminants (VOCs) and Semi-Volatile Organic Contaminants (SVOCs). Laboratory results were then compared to NYSDEC Part 375 Soil Cleanup Objectives. No VOCs or SVOCs were observed to be in exceedance of the NYSDEC standards within the post excavation soil samples collected.

- In conclusion, Northeast has removed the three USTs located during a geophysical survey. One 550-gallon UST located in the rear of the structure, one 1,000-gallon UST that was previously filled with K-Crete, and one 300-gallon empty UST located in the front asphalt parking area. The UST in the rear was observed to have had a minimal release into the overburdens resulting in the removal of 17.91-tons of petroleum impacted soil. Post-excavation soil sampling of the bottom and a composite of the sidewalls showed non-detect for VOCs and SVOCs. The UST in the front did not appear to be the cause of the observed petroleum impacted soil and most likely were associated with USTs previously removed. The observance of historical petroleum impacted soil resulted in the removal of 549-82-tons of soil. Post-excavation sampling of each sidewall and two from the base of the excavation showed levels of contaminants in the range of non-detect to below NYSDEC regulatory standards.

- It is Northeast recommendation that no further remedial work is deemed necessary in regards to the historical release of petroleum contaminants within the areas excavated. In turn, we request the NYSDEC spill case file no. 18-02819 should be deemed inactive."

An online NYSDEC Spill Incidents Database indicated Spill Number 18-02819 to have been formally "closed" on July 23, 2018 based on submittal and NYSDEC review of the July 16, 2018 NEI Remedial Action Report.

## 3.0 SITE INSPECTION

On September 24, 2019, TEAM conducted an inspection of accessible sections of the building and surrounding property. The authorized scope of work did not include performance of any field sampling activities (e.g., asbestos, soil, radon, mold, lead-based paint, or groundwater) or completion of a formal regulatory compliance audit. A listing of Phase I ESA interview and information sources is presented as Attachment F.

### 3.1 Property Inspection

The inspection of accessible exterior property areas (limited due to the presence of parked vehicles, vegetation, and leaf litter) revealed no unusual odors or visual evidence of significant surface stains that could be indicative of leaking petroleum storage tanks, chemical spills, or

industrial waste disposal. No PCB-labeled electrical equipment, suspected underground petroleum storage tank fill ports, aboveground petroleum or chemical storage tanks, water supply or groundwater monitoring wells, unmarked waste storage containers, or industrial waste storage or disposal facilities within the property were observed.

No surface water bodies or freshwater wetland habitat areas were observed within or adjacent to the subject property confines. This was confirmed during review of a USGS topographic map. The authorized scope of work did not include the performance of formal wetland or flood plain delineation surveys.

### 3.2 Building Inspection

The inspection of accessible interior building areas (difficult due to ongoing renovation activities and the presence of furnishings and warehoused plumbing and heating supplies) revealed no unusual odors or visual evidence of PCB-labeled electrical equipment, unmarked waste storage containers, chemical spillage or significant surface stains, exposed mold, significant peeling or chipping painted surfaces, or industrial waste storage or disposal facilities. No exposed suspected friable asbestos containing materials (ACM) were observed during the walk-through inspection. No information concerning the performance of asbestos inspection or abatement operations associated with historic building renovation efforts was available. The authorized scope of work did not include the performance of asbestos or lead-based paint inspection or sampling surveys. TEAM was informed that no regulated or hazardous waste products requiring RCRA manifesting and tracking procedures are generated as a result of current commercial site use or routine building maintenance activities.

## 4.0 RECORDS REVIEW AND DOCUMENTATION

### 4.1 Regulatory Review - City of New Rochelle

To obtain information concerning issues of environmental concern, TEAM contacted the City of New Rochelle and requested permission to review available Building and Fire Department records. City of New Rochelle Building Department representatives informed TEAM that maintained Building Department information was available on an on-line database. Review of said database revealed no information concerning the installation or removal of any underground petroleum storage tanks. Fire Department Tank Files noted the presence of "two 2,000-gallon gasoline tanks and four dispensing pumps." No tank installation of closure documentation was maintained. Interviewed and Building and Fire Department representatives were unaware of any adverse environmental issues associated with the 316 Huguenot Street property.

4.2 Regulatory Review - NYSDEC/Westchester County Health Department

The requested Phase I ESA scope of work precluded submittal of Freedom of Information Legislation (FOIL) requests to the New York State Department of Environmental Conservation (NYSDEC) Region 3 or Westchester County Health Department (WCHD) Office of Environmental Health Risk Control, which administers the NYSDEC Petroleum Bulk Storage Program in Westchester County. As the 316 Huguenot Street property location was not identified within the NYSDEC PBS (Petroleum Bulk Storage) or CBS (Chemical Bulk Storage) Databases (Section 4.3), these agencies would not appear to maintain documentation pertaining to issues of environmental concern.

4.3 Federal and State Database Report

TEAM has obtained an Environmental Data Resources (EDR) Site Assessment Report, which provides information concerning the target property and those sites listed within any of the following Federal and State environmental databases:

- National Priority List (NPL);
- Resource Conservation and Recovery Information System (RCRIS),
  Large Quantity Generators and TSD Facilities,
  Small Quantity Generators and Transporters;
- New York State/Tribal Brownfield Sites (BROWNFIELD);
- New York State Spills Database (SPILLS);
- Comprehensive Environmental Response, Compensation, and Liability System (CERCLIS);
- CERCLIS "No Further Remedial Action Planned" Sites (NFRAP);
- New York State Registry of Inactive Hazardous Waste Disposal Sites (SHWS);
- Facility Index System (FINDS);
- Air Facility System (US AIRS);
- Integrated Compliance Information System (ICIS);
- Hazardous Materials Incident Report System (HMIRS);
- Toxic Substances Control Act Tracking System (FTTS);
- Environmental Restoration Program (ERP);
- State Pollutant Discharge Elimination (SPDES);
- Registered Dry Cleaners (DRYCLEANERS);
- Hazardous Waste Manifest Data (MANIFEST);
- Major Oil Storage Facility (MOSF);
- Emergency Response Notification System (ERNS);

- New York Leaking Storage Tanks (LUST);
- New York State DEC Voluntary Cleanup Program (VCP);
- New York Active Solid Waste Facility Register (SWL); and
- New York Registered Bulk Storage Tanks (UST/AST).

The EDR Database Report presented in Attachment G, identified no NPL, CERCLIS, NFRAP, ERNS, MOSF, SWL, HMIRS, ERP, or VCP or sites within the survey radius. One SHWS, three DRYCLEANERS, six BROWNFIELD, twenty-nine SPILLS, and forty-six LUST sites are located within a one-eighth to one-quarter mile distance. The subject 316 Huguenot Street property (Vinek-Kracko USTs) was identified in the SPILLS Database. The Spill Date was indicated as June 12, 2018 (three abandoned petroleum USTs and contaminated soil found onsite - NYSDEC Spill No. 18-02819). The Spill Number was shown to have been "closed" on July 23, 2018 following the completion of site remediation activities. The closest LUST site (Jones Residence) is situated to the northwest at 311 Huguenot Street. The Spill Date was listed as December 17, 2004 (No. 2 fuel oil storage tank tightness test failure - NYSDEC Spill No. 04-10335). The issued Spill Number was "closed" on September 11, 2005. The nearest DRYCLEANERS site (Green Heaven/Center Cleaners) is found to the south at 62 Centre Avenue. No environmental issues or regulatory concerns were referenced in the database description. The BROWNFIELD sites are found over 200-feet from the subject site. No offsite environmental issues or regulatory concerns were reported within the database descriptions. The SHWS site (Industrial Overall Service Corp.) is situated approximately 500-feet to the southwest at 10 Bartels Place.

As the subject property is serviced with a municipal water supply, the proximity of EDR identified sites would not appear to impact or pose significant environmental liabilities with respect to present day site use or water quality issues.

## 5.0 CONCLUSIONS

Based on the property setting and planned site use, availability of a municipal water supply, review of available historical, regulatory, and environmental information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" (RECs) associated with the 316 Huguenot Street property location were identified. No follow-up environmental site investigations are recommended at this time.

## 6.0 LIMITATIONS & RELIANCE

The conclusions stated are based on the limits of the investigation described herein. TEAM can offer no assurances and assumes no responsibility for site conditions or activities which were outside the scope of the inquiry requested. It should be understood that TEAM has relied on the accuracy of documents, oral information, and other material and information provided by sources documented in this report. There can be no assurance, and TEAM offers no assurance, that site conditions do not exist or could not exist in the future which were undetected and which could lead to liability in connection with the site. Similarly, past and present activities on the site indicating potential environmental concerns may not have been discovered by TEAM's inquiries. TEAM was not requested to perform any follow-up environmental field investigations pertaining to site observations and historic property use. I (Martin C. Wodka) declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of this part (40 CFR Part 312). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. The Phase I ESA report was prepared for reliance Allstate Ventures LLC.

Martin C. Wodka
President

# ATTACHMENT A

SITE PHOTOLOG - SEPTEMBER 24, 2019

# ATTACHMENT A – PHOTOLOG

## ALLSTATE VENTURES LLC

## 316 HUGUENOT STREET, NEW ROCHELLE, NEW YORK

| Photo No. | Description |
|---|---|
| 1 | Southeastern view from Huguenot Street towards subject property. |
| 2 | Southeastern view towards Huguenot Street site entrance. |
| 3 | Building signage. |
| 4 | Northwestern section of building. |
| 5 | View towards location of removed USTs (300 and 1,000-gallon tanks). |
| 6 | Northwestern view towards rear side of building from Westchester Place. |
| 7 | Warehouse area accessed from Westchester Place. |
| 8 | Patched area in location of removed 550-gallon UST found along rear side of structure. |
| 9 | Interior view within former product showroom. |
| 10 | Interior view within former product showroom. |
| 11 | Interior view within warehouse area. |
| 12 | View towards mezzanine level storage area. |
| 13 | Interior view within warehouse area. |
| 14 | Posted property development signage. |


WE'RE MOVING
750 Main St., New Rochelle NY

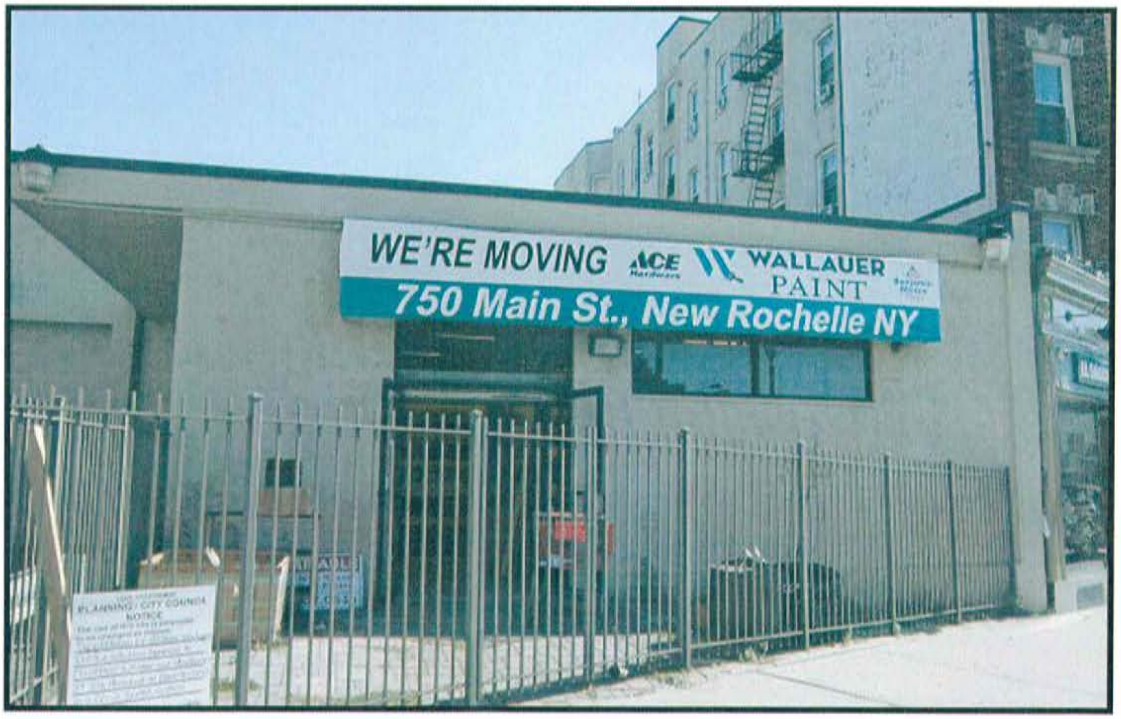
1


WE'RE MOVING
750 Main St., New Rochelle NY

2


WE'RE MOVING
ACE
WALLAUER
PAINT
750 Main St., New Rochelle NY
316

3


WE'RE MOVING
ACE
WALLAUER
PAINT
750 Main St., New Rochelle NY

4



5



6



7



8



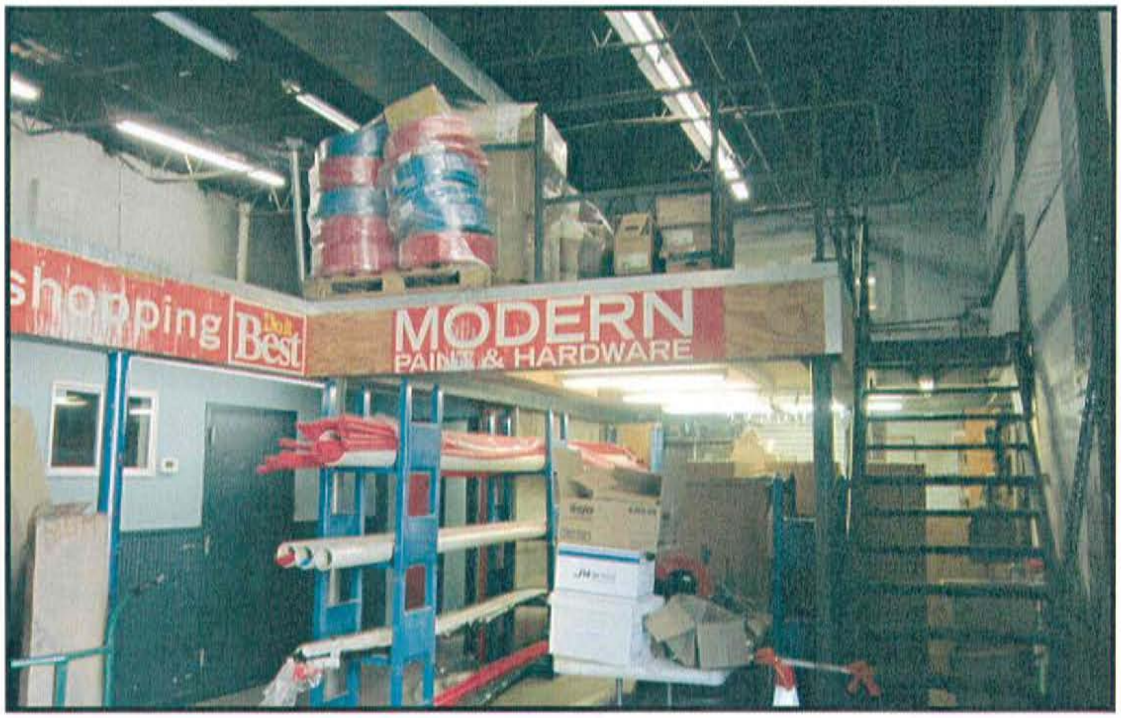

9



10



11




12



13

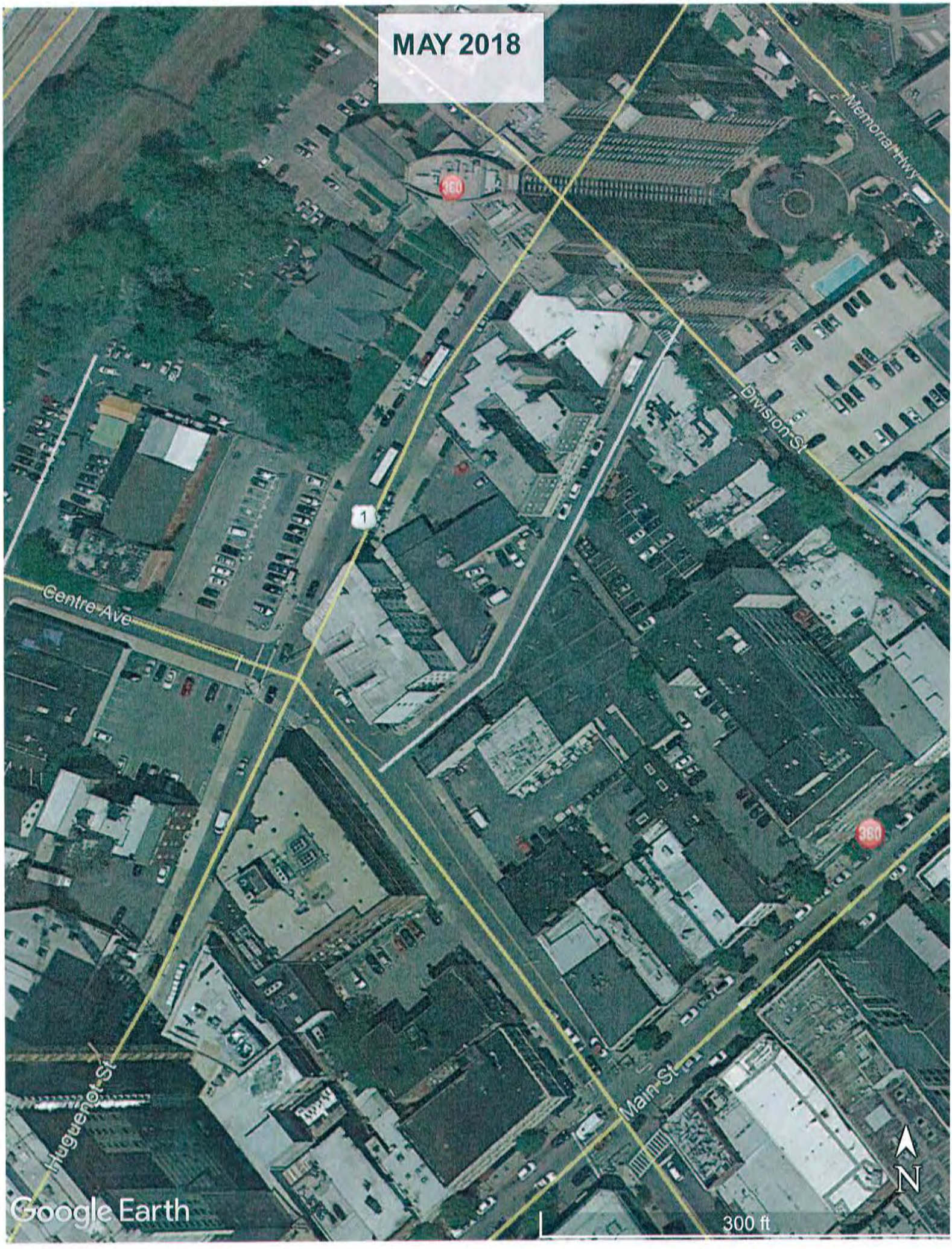

LEGAL ADVERTISEMENT
PLANNING / CITY COUNCIL
NOTICE
The use of this site is proposed
to be changed as follows:
Application by Allstate Ventures
LLC for Site plan approval to
Construct a limited use clearlearnert
at 316 Huguenot St Block 415 Lot 13
in a DD-2 Zoned district
This matter is subject to public
Meeting / Hearing at City Hall on
Tues. Jun 25 2019 at 7:30 p.m.
90 Beaufort Place, New Rochelle, N.Y. 10801
THIS NOTICE SHALL NOT BE REMOVED OR DEFACED UNDER PENALTY
OF LAW

14

# ATTACHMENT B

## AERIAL PHOTOGRAPHS


MAY 2018
SUBJECT
1
Huguenot St
Google Earth
100 ft
N

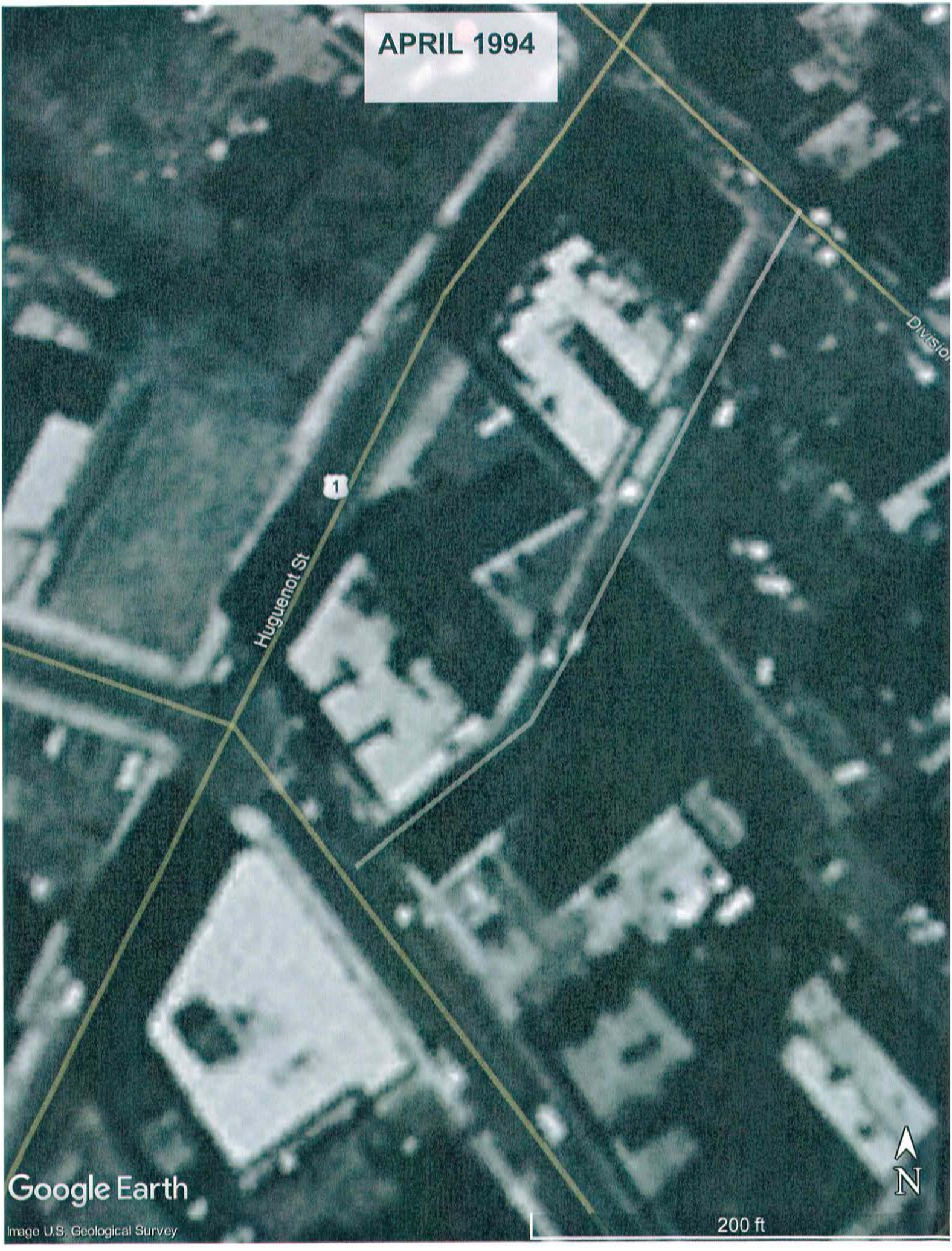

MAY 2018
Memorial Hwy
Division St
Centre Ave
Huguenot St
Main St
360
1
N
300 ft
Google Earth


OCTOBER 2014
1
Huguenot St
Google Earth
N
100 ft


JUNE 2010
1
Huguenot St
N
100 ft
Google Earth


MARCH 2007
Google Earth
Image © 2019 New York GIS
100 ft
N


MARCH 2004
1
Google Earth
Image © 2019 New York GIS
N
100 ft


APRIL 1994
Huguenot St
1
Google Earth
Image U.S. Geological Survey
N
200 ft

# ATTACHMENT C

## SANBORN FIRE INSURANCE MAPS

316 Huguenot Street

316 Huguenot Street

New Rochelle, NY 10801

Inquiry Number: 5283595.3

May 07, 2018

# Certified Sanborn® Map Report

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

# Certified Sanborn® Map Report

05/07/18

**Site Name:**

316 Huguenot Street
316 Huguenot Street
New Rochelle, NY 10801
EDR Inquiry # 5283595.3

**Client Name:**

Team Environmental Consultants
30 Industrial Drive
Middletown, NY 10941
Contact: Martin Wodka

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Team Environmental Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** DB60-4A2A-BC52

**PO #** NA

**Project** NA

**Maps Provided:**

| | |
|---|---|
| 2003 | 1951 |
| 1996 | 1942 |
| 1995 | 1931 |
| 1994 | 1911 |
| 1993 | 1903 |
| 1992 | 1896 |
| 1991 | 1892 |
| 1990 | 1887 |

Sanborn® Library search results

Certification #: DB60-4A2A-BC52

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

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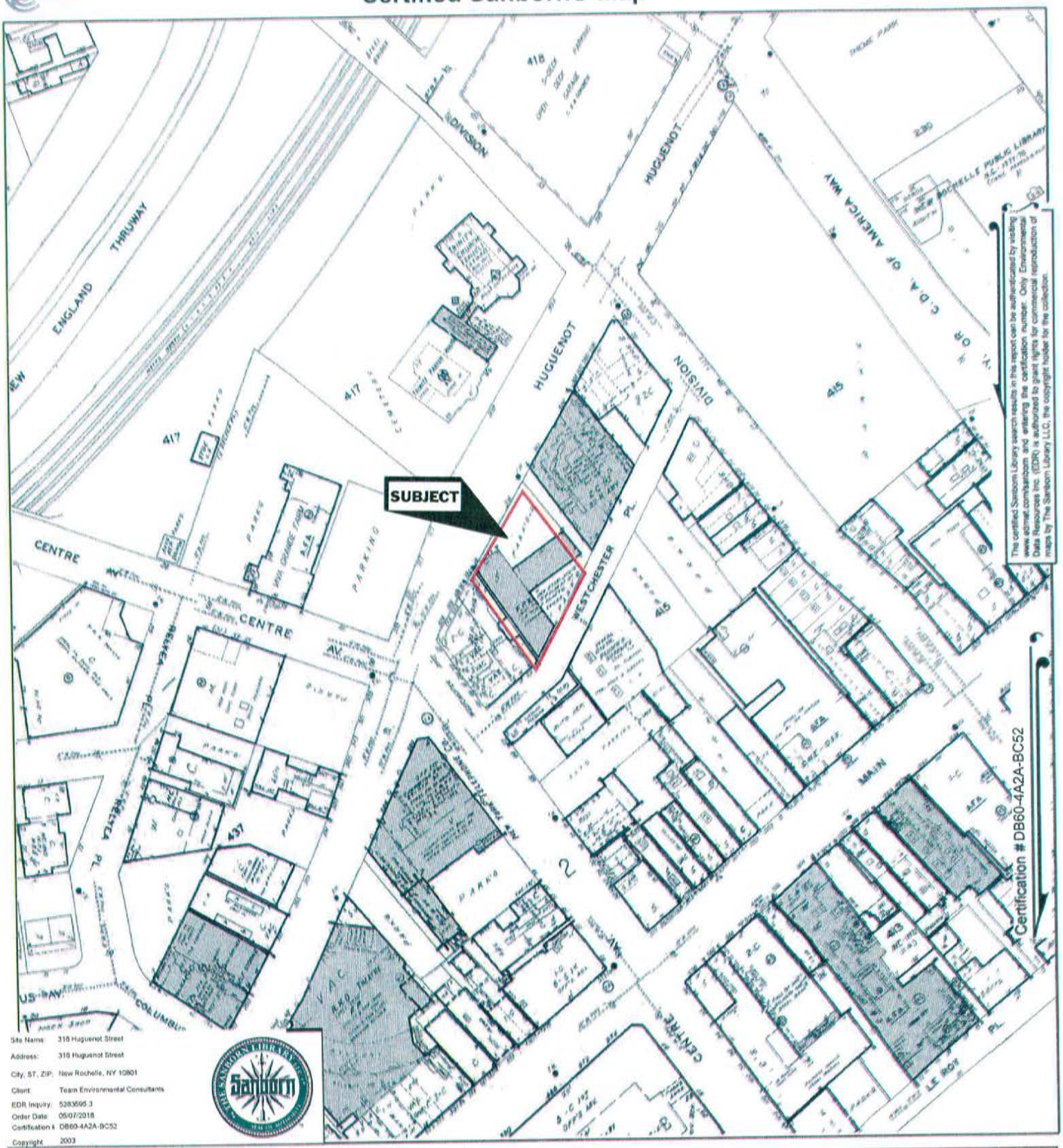
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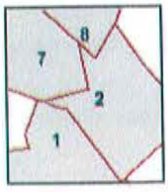



Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
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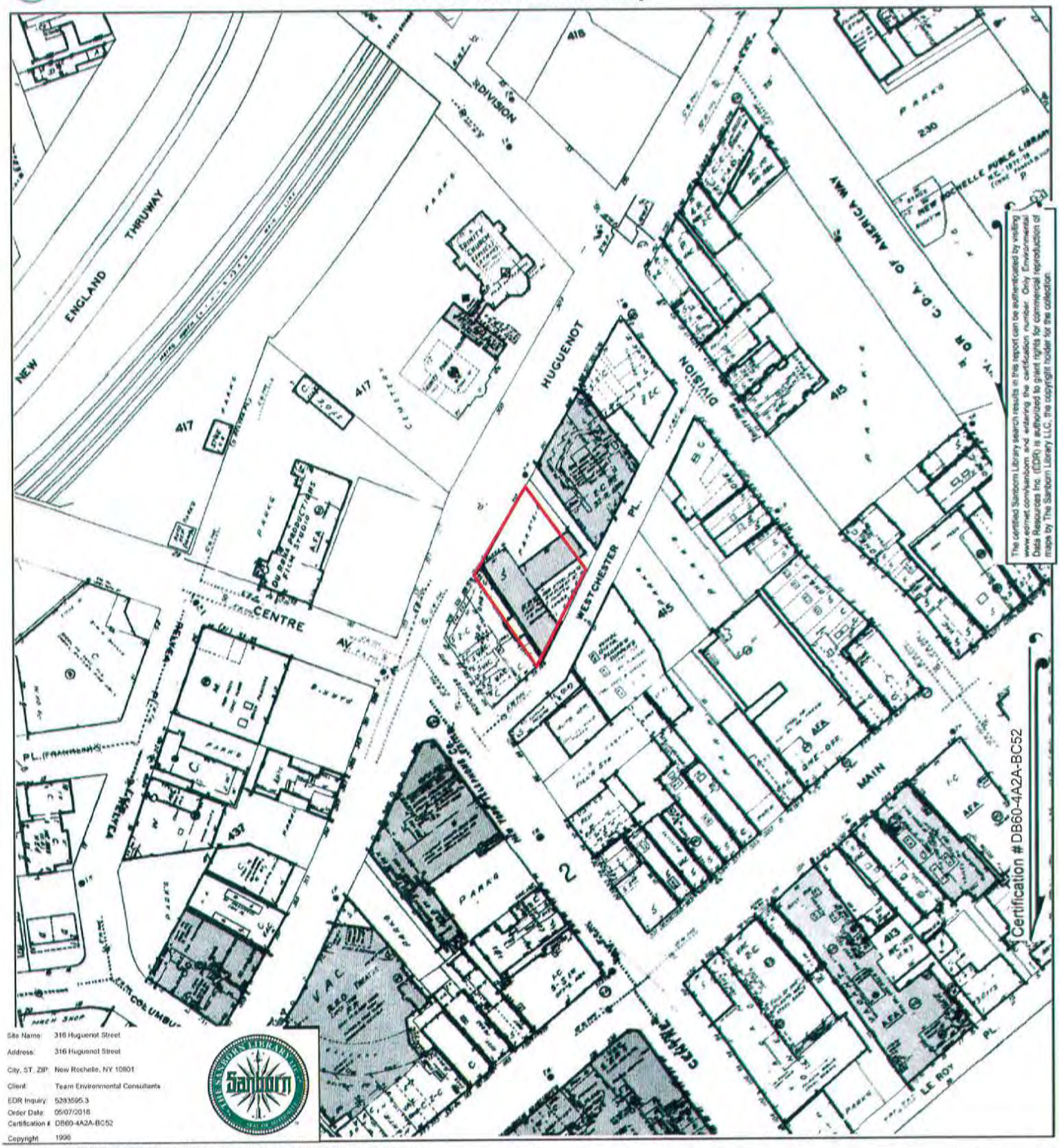



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Volume 1, Sheet 7
Volume 1, Sheet 2
Volume 1, Sheet 1

N

# Certified Sanborn® Map

1996




Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
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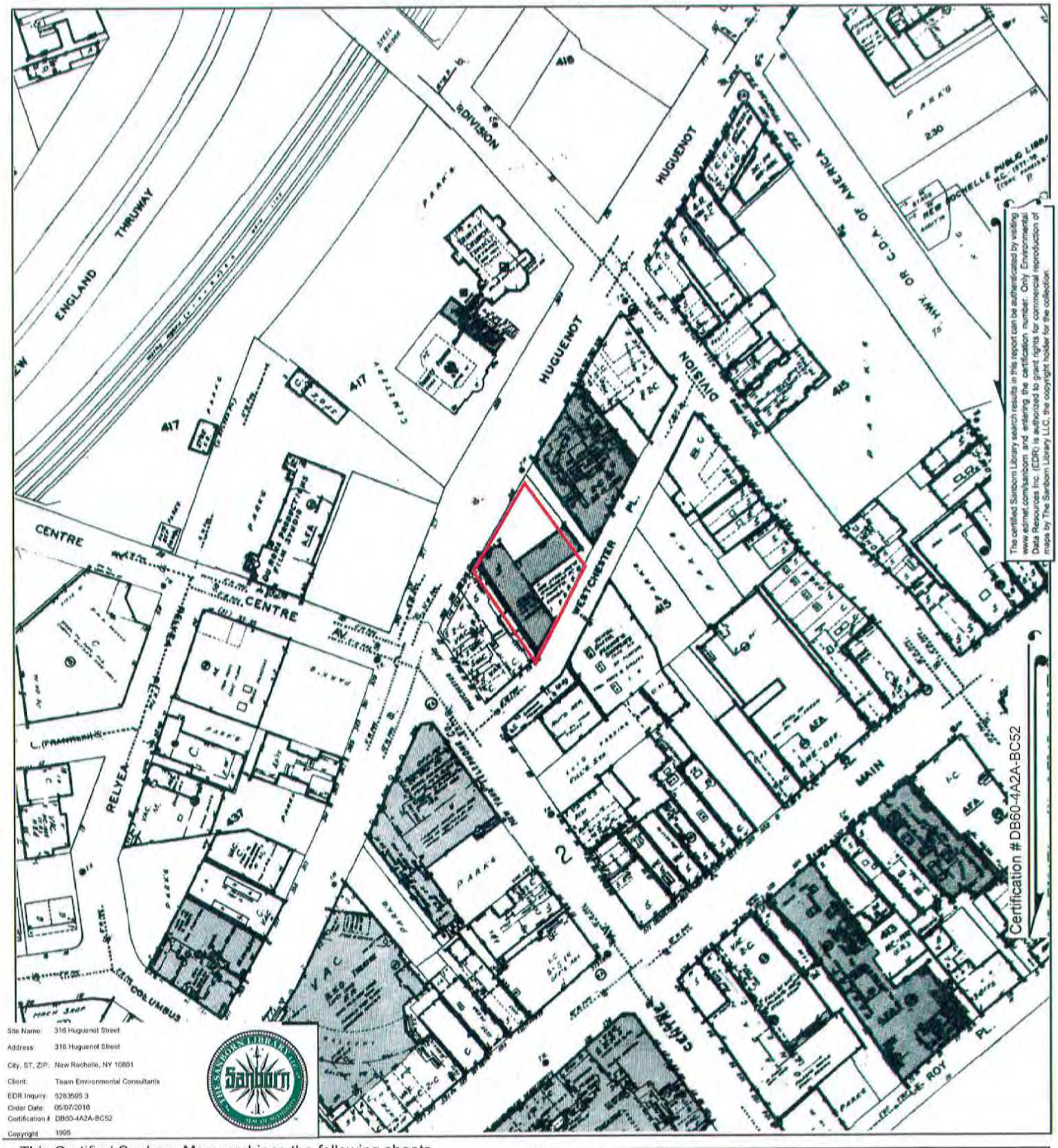

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Volume 1, Sheet 2
Volume 1, Sheet 1

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1995




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Client: Team Environmental Consultants
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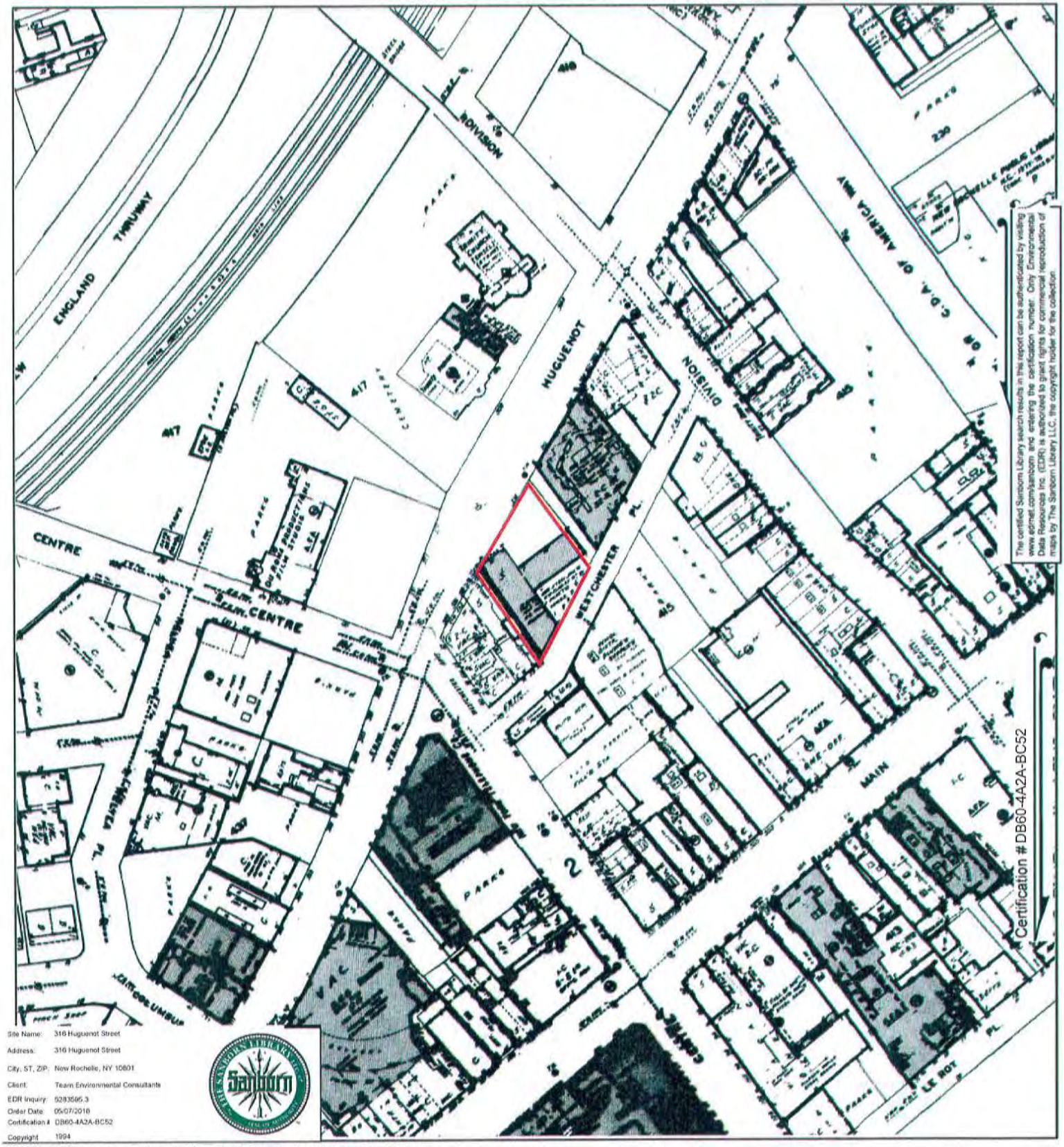



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Volume 1, Sheet 1

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| | |
|---|---|
| Site Name: | 316 Huguenot Street |
| Address: | 316 Huguenot Street |
| City, ST, ZIP: | New Rochelle, NY 10801 |
| Client: | Team Environmental Consultants |
| EDR Inquiry: | 5283595.3 |
| Order Date: | 05/07/2018 |
| Certification #: | DB60-4A2A-BC52 |
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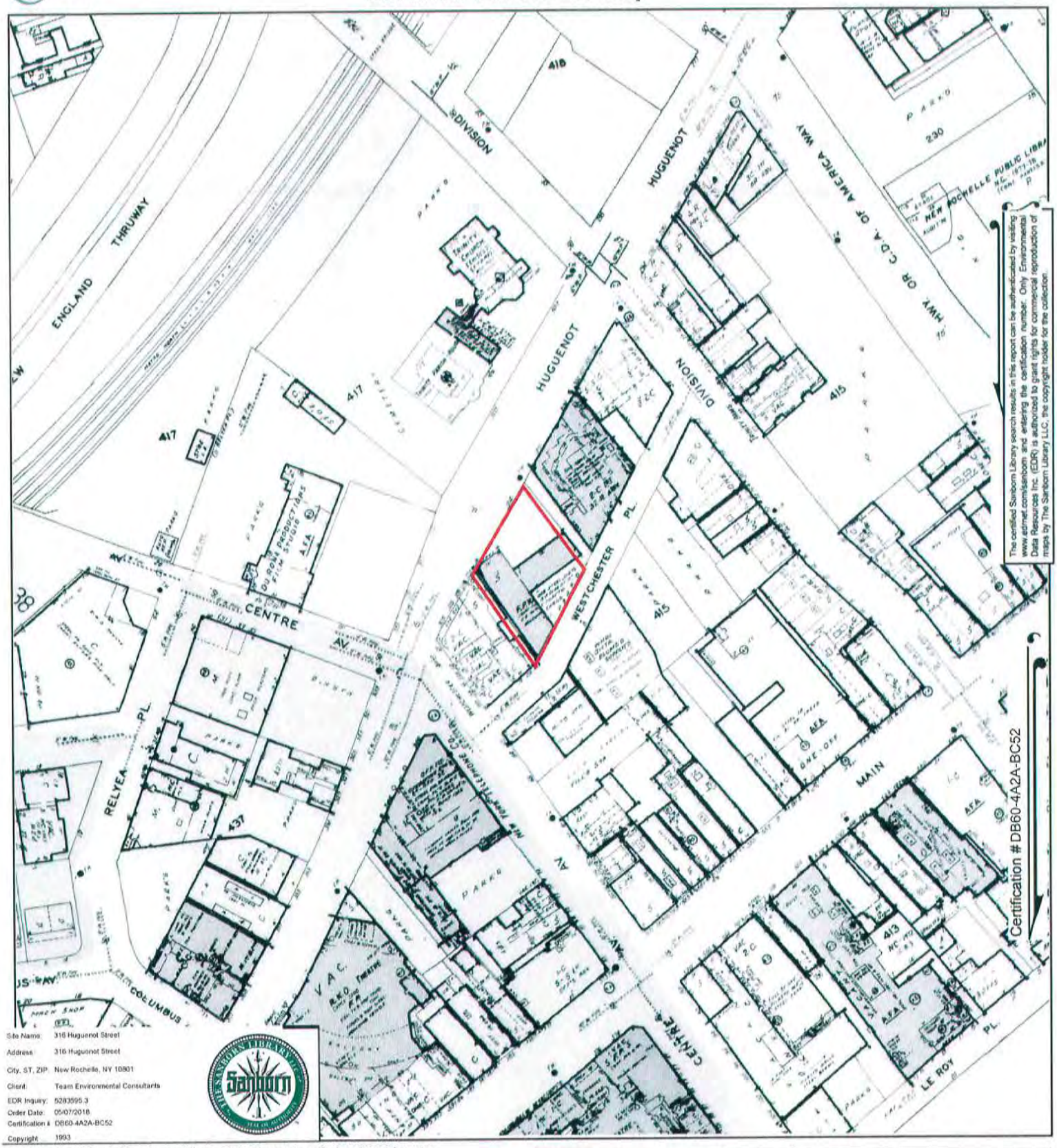
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Volume 1, Sheet 7
Volume 1, Sheet 2
Volume 1, Sheet 1

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Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
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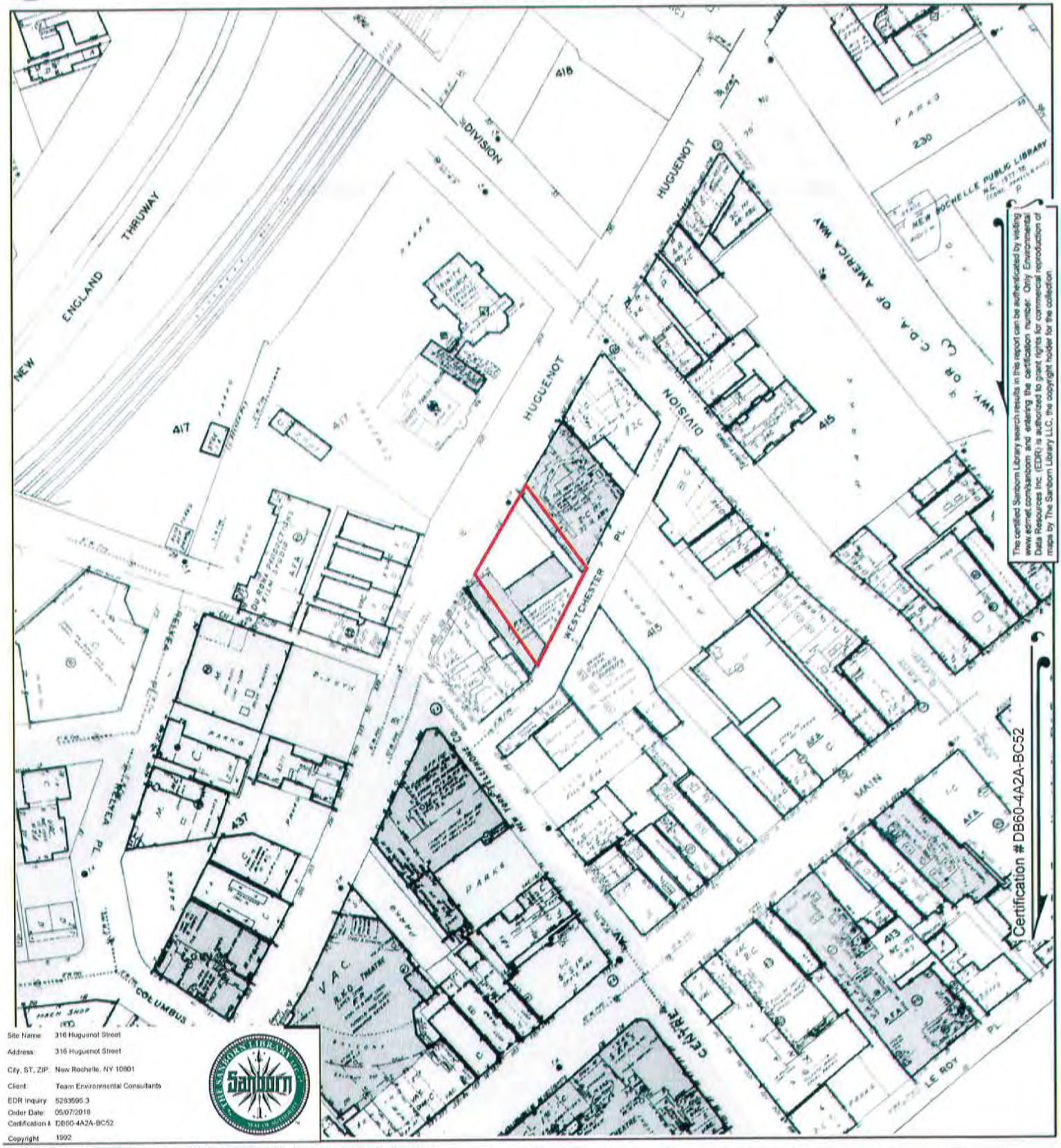
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Volume 1, Sheet 7

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| Address: | 316 Huguenot Street |
| City, ST, ZIP: | New Rochelle, NY 10801 |
| Client: | Team Environmental Consultants |
| EDR Inquiry: | 5283595.3 |
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# Certified Sanborn® Map

1991

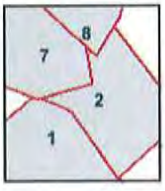



Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
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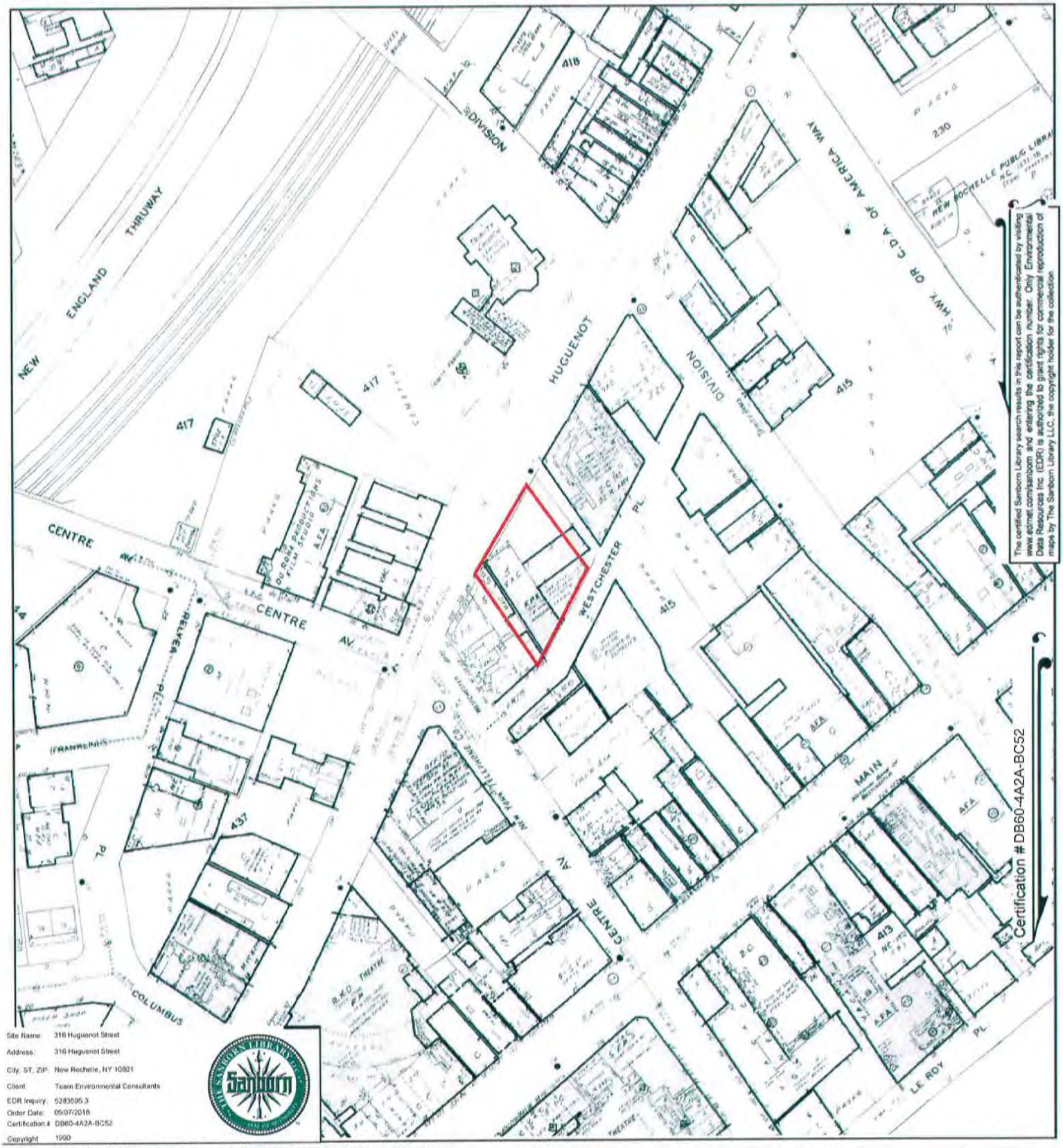
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Volume 1, Sheet 8
Volume 1, Sheet 7
Volume 1, Sheet 2
Volume 1, Sheet 1

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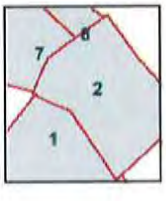



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City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2016
Certification #: DB60-4A2A-BC52
Copyright: 1990

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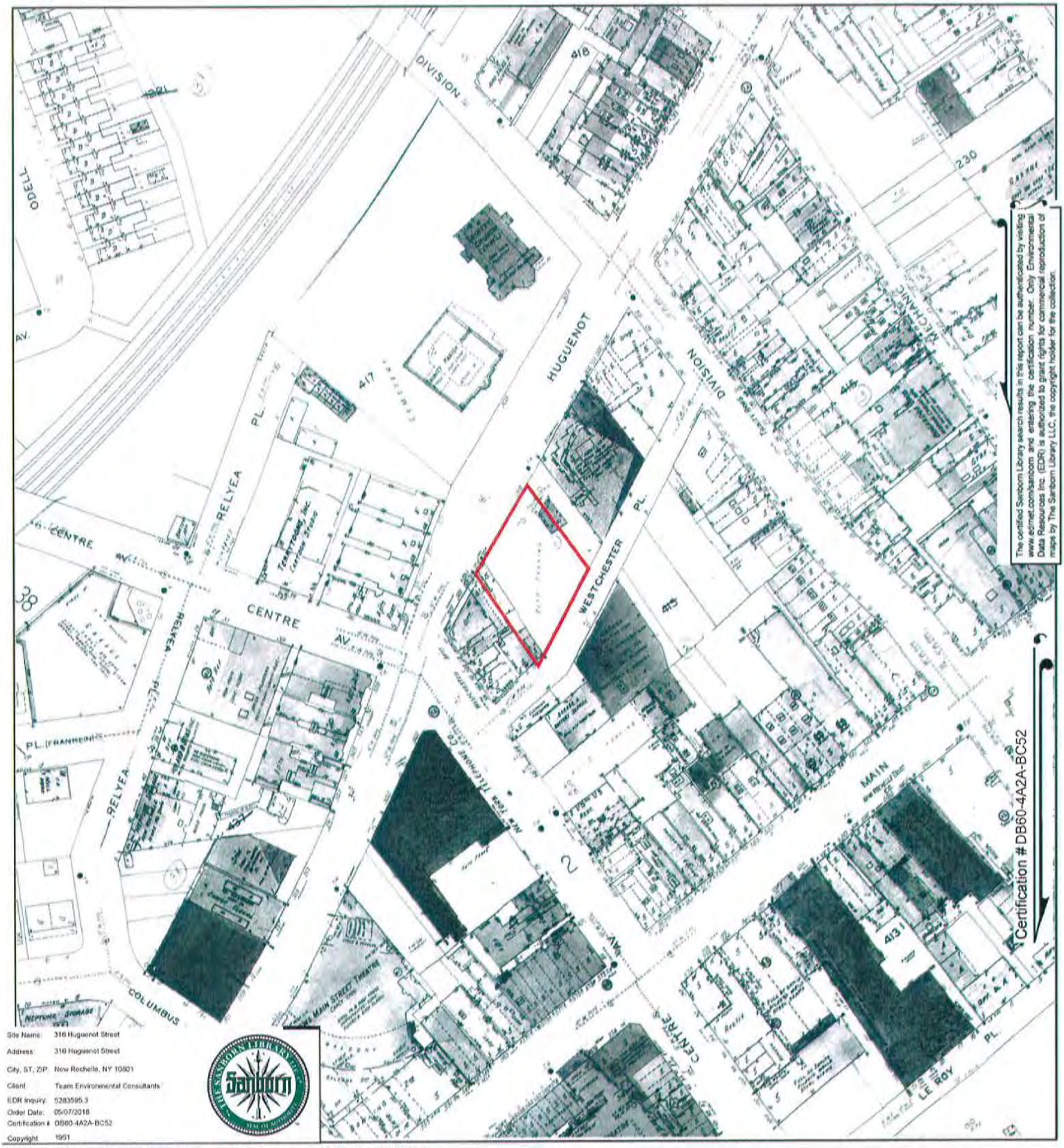

Volume 1, Sheet 2
Volume 1, Sheet 1
Volume 1, Sheet 8
Volume 1, Sheet 7

0 Feet 150 300 600

N

# Certified Sanborn® Map

1951




Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
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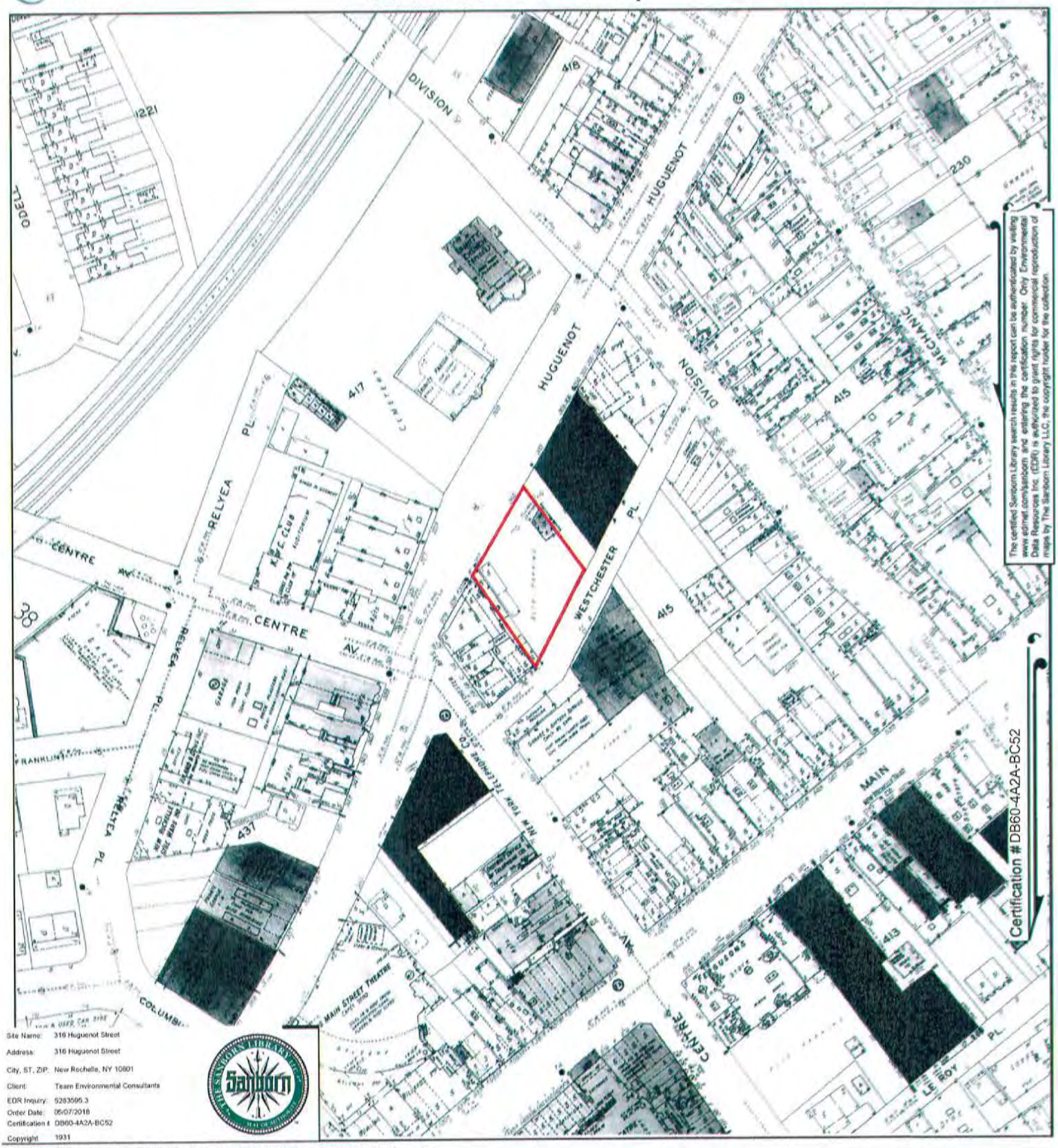

Volume 1, Sheet 8
Volume 1, Sheet 7
Volume 1, Sheet 2
Volume 1, Sheet 1

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# Certified Sanborn® Map

1931

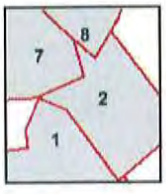



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Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
Copyright: 1931

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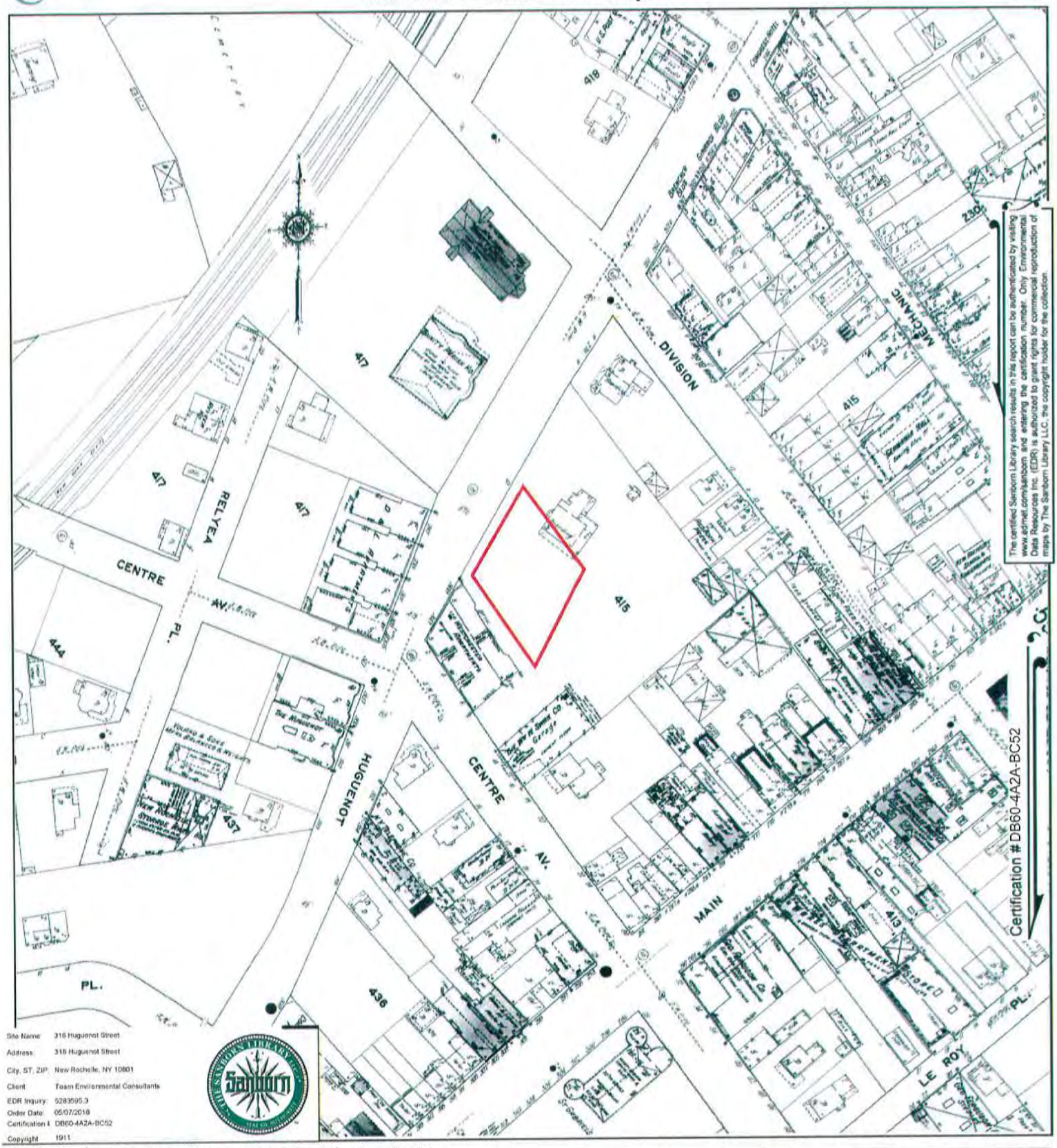





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Volume 1, Sheet 7
Volume 1, Sheet 2
Volume 1, Sheet 1

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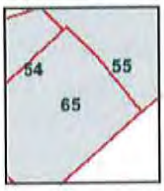
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Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
Copyright: 1911

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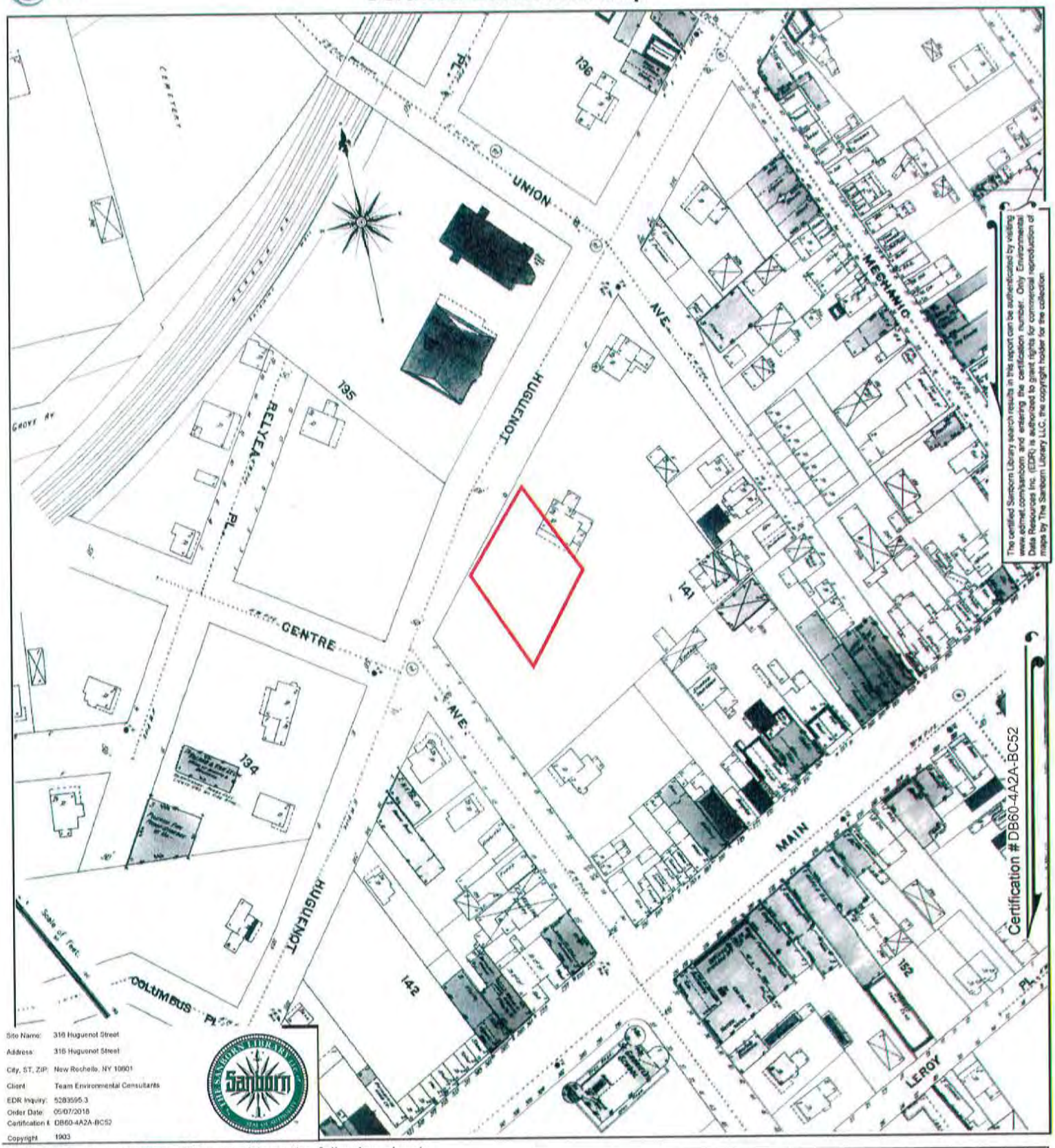

Volume 1, Sheet 65
Volume 1, Sheet 55
Volume 1, Sheet 54

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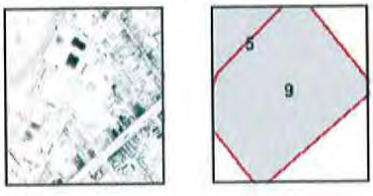
1903




Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
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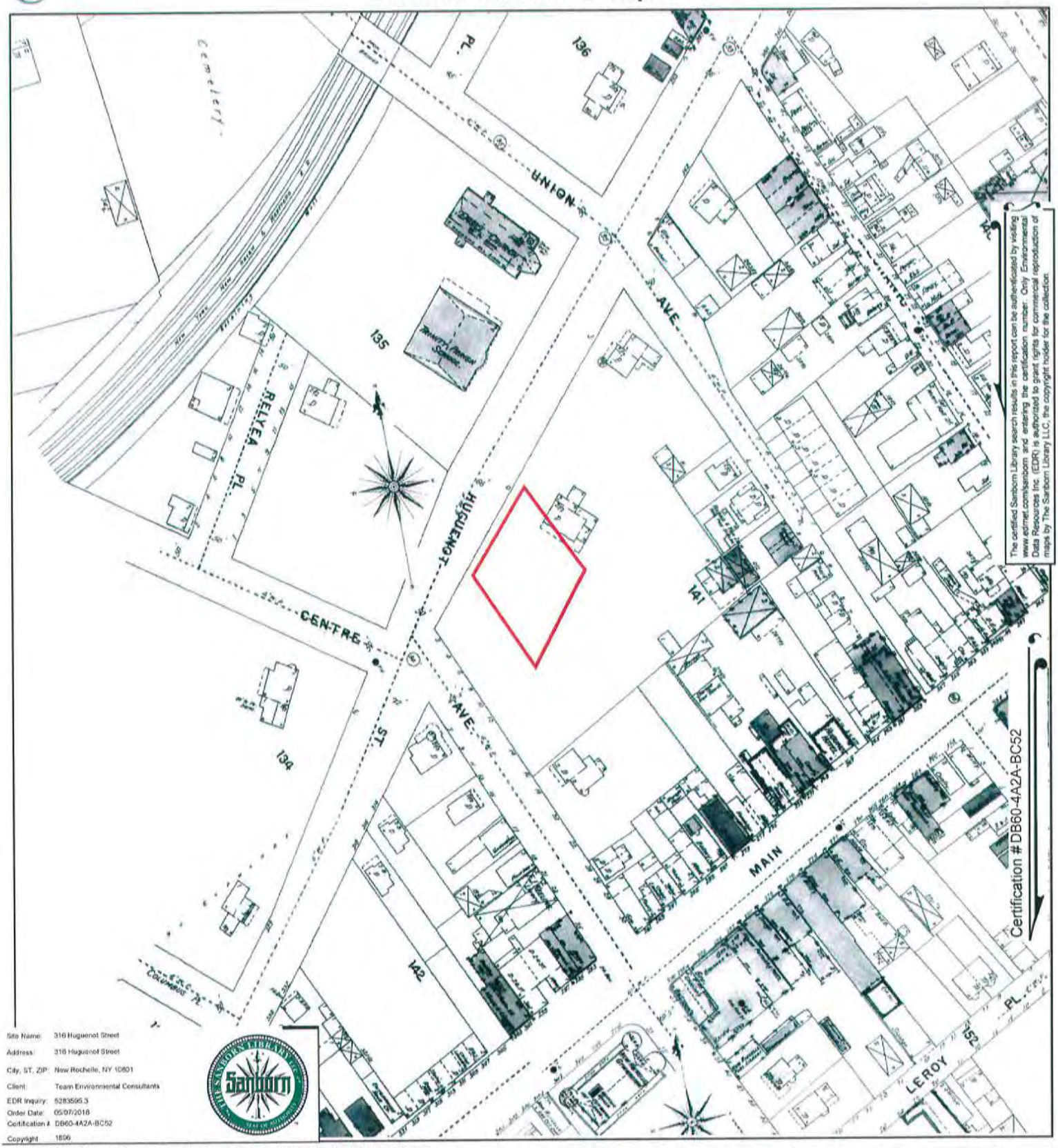
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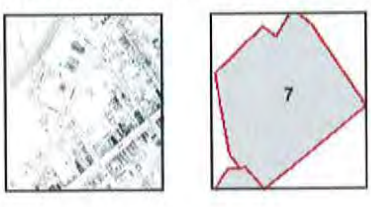

Volume 1, Sheet 9
Volume 1, Sheet 5

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Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
Certification #: DB60-4A2A-BC52
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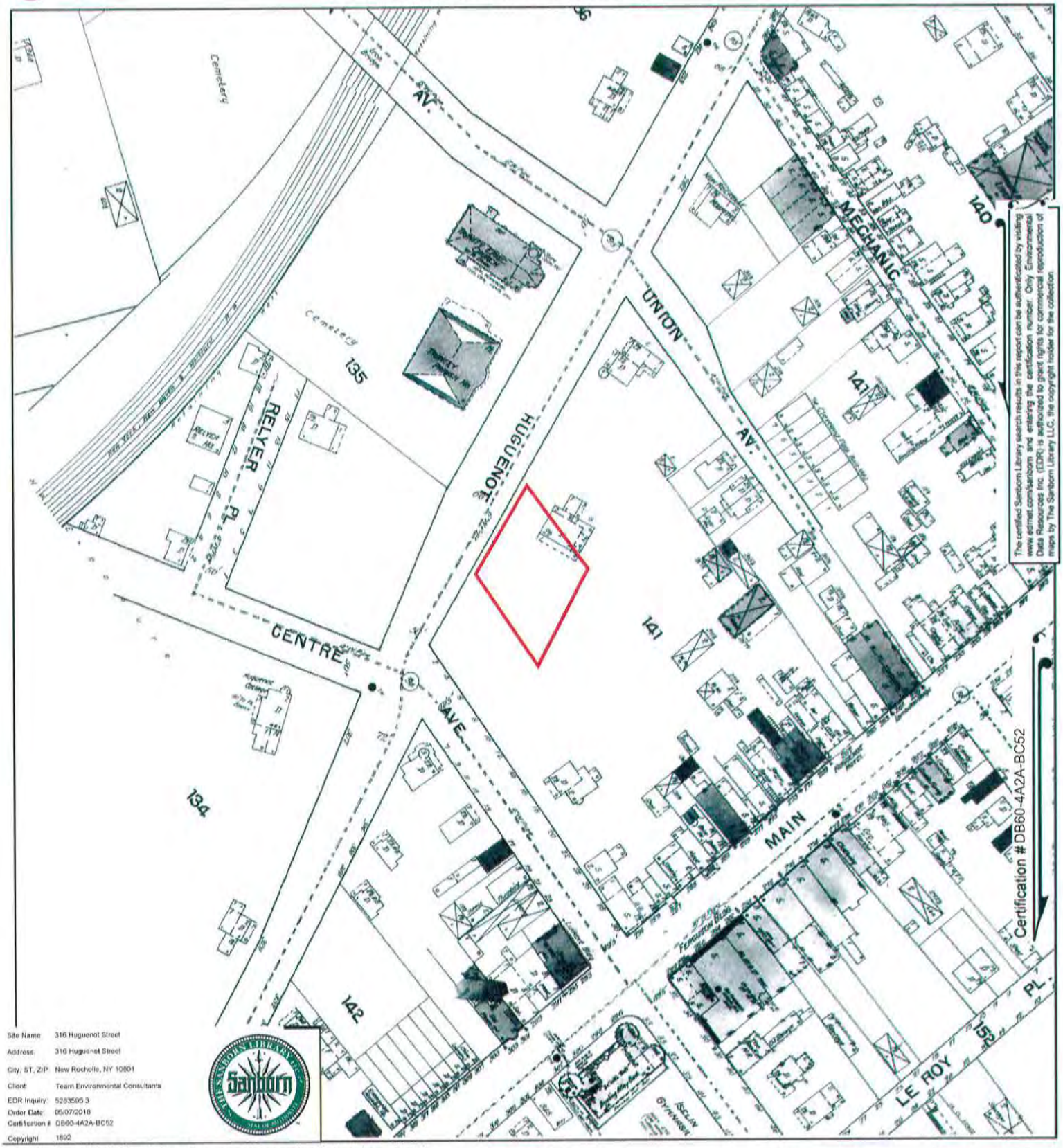

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# Certified Sanborn® Map

1892

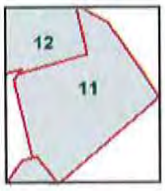



Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
EDR Inquiry: 5283595.3
Order Date: 05/07/2018
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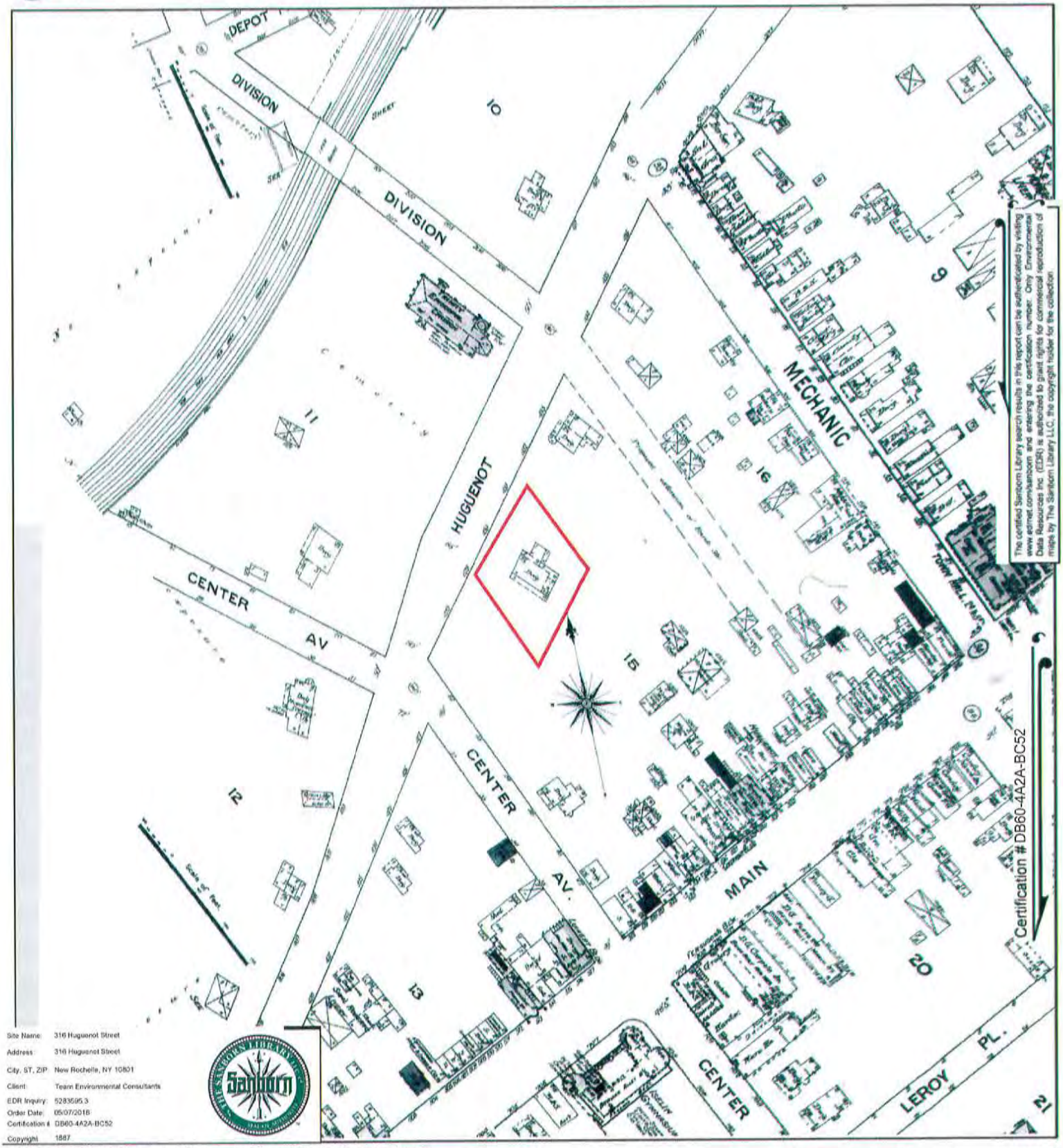
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Volume 1, Sheet 12

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Site Name: 316 Huguenot Street
Address: 316 Huguenot Street
City, ST, ZIP: New Rochelle, NY 10801
Client: Team Environmental Consultants
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Outlined areas indicate map sheets within the collection.

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Volume 1, Sheet 4

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# ATTACHMENT D

MAY 14, 2018 - UNDERGROUND SURVEYING

GEOPHYSICAL SURVEY REPORT

UNDERGROUND SURVEYING

Utility Locating | Concrete Imaging | Leak Detection

72 Gray's Bridge Road, Unit Q Box 5, Brookfield, CT 06804 T 203.312.9844 F 203.663.8330 UndergroundSurveying.com

# Geophysical Survey Report

## 316 Huguenot St.
## New Rochelle, NY

## Prepared for TEAM Environmental Consultants

## Introduction

A geophysical survey was performed by Underground Surveying, LLC of 72 Gray's Bridge Road, Unit Q Box 5, Brookfield, CT for TEAM Environmental Consultants of 30 Industrial Dr., Middletown, NY. The survey was performed on May 14, 2018 at 316 Huguenot St., New Rochelle, NY. The purpose of the survey was to search for evidence of an underground storage tank (UST) and, if possible, mark its location and depth.

### Technology

The following survey was performed with ground penetrating radar (GPR) technology, and magnetic locator technology. Before reading the full report, we advise that you read the following paragraphs to gain a basic understanding of the technology and to understand its limitations.

### Ground Penetrating Radar (GPR)

Quite often, non-metallic, inaccessible, unknown or abandoned utilities cannot be located with traditional cable and pipe locators. When this occurs, Ground Penetrating Radar (GPR) must be used in conjunction. GPR is a non-invasive, non-destructive geophysical surveying technique that is used to produce a cross-sectional view of objects embedded within the subsurface. We currently use the GSSI SIR-3000 to perform our GPR surveys. This piece of equipment, which is manufactured by Geophysical Survey Systems Inc., is their latest data acquisition system and the industry's number one choice for data accuracy and versatility.

All GPR units consist of three main components: a power supply, control unit and antenna. To understand how these components interact to provide usable data, we must first understand the performance of a scan. A scan is performed by moving the antenna across the surface linearly to create a series of electromagnetic pulses over a given area. During a scan, the control unit produces and regulates a pulse of radar energy, which is amplified and transmitted into the subsurface at a specific frequency by the antenna.

Antenna frequency is inversely proportional to penetration depth, which makes antenna selection the most important step in the survey design process. Below is a list of antenna frequencies, their application and maximum penetration depth.

| Frequency (MHz) | Sample Applications | Max Depth (ft.) |
|---|---|---|
| 2600 | Concrete, Roadways, Bridge Decks | 1 |
| 1600 | Concrete Roadways, Bridge Decks | 1.5 |
| 900 | Concrete, Shallow Soil, Archaeology | 3 |
| 400 | Shallow Geology, Utility Locating, Environmental, Archaeology | 9 |
| 200 | Geology, Environmental | 25 |
| 100 | Geology, Environmental | 60 |

During a scan, the control unit records the strength and time required for the return of any reflected energy. Reflections are produced in the data screen profile (on the control unit) whenever the energy pulse enters and exits contrasting subsurface materials. The way it responds to each material is determined by two physical properties: dielectric constant and electrical conductivity.

The dielectric constant is a descriptive number that indicates how fast electromagnetic energy travels through a material. Energy always moves through a material as quickly as possible, but certain materials slow down the energy more than others. The higher the dielectric, the slower the energy will move through the material, and vice versa. Below is a list of some common materials with their corresponding dielectric constants and velocity values.

| Material | Dielectric | Velocity (mm/ns) |
|---|---|---|
| Air | 1 | 300 |
| Fresh Water | 81 | 33 |
| Ice | 3 | 167 |
| Dry Sand | 3-6 | 120-170 |
| Wet Sand | 25-30 | 55-60 |
| Silt | 10 | 95 |
| Wet Clay | 8-15 | 86-110 |

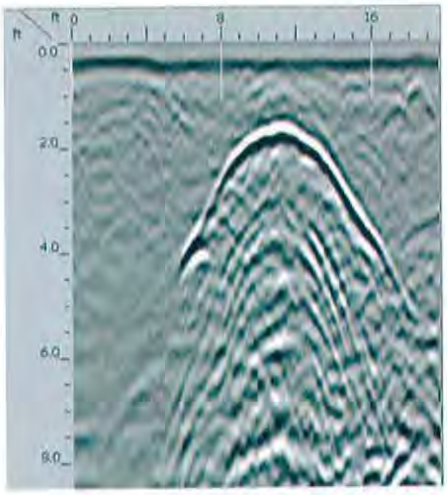
| | | |
|---|---|---|
| Dry Clay | 3 | 173 |
| Marsh | 12 | 86 |
| Average Soil | 16 | 75 |
| Granite | 5-8 | 106-120 |
| Limestone | 7-9 | 100-113 |
| Concrete | 5-8 | 55-120 |
| Asphalt | 3-5 | 134-173 |
| PVC | 3 | 173 |

To determine the location of a subsurface target in the data screen profile, there must be a contrast between the dielectric values of the material one is scanning through and the target one is searching for. For example, a pulse moving from dry sand (dielectric of 5) to wet sand (dielectric of 30) will produce a strong, highly visible reflection, while moving from dry sand (5) to limestone (8) will produce a weak one. In addition, if one knows the dielectric value of the subsurface material one is scanning through, the control unit can measure the amount of time required to receive the reflected signal and convert this to depth.

Since the GPR emits electromagnetic energy, it is subject to attenuation (natural absorption) as it moves through a material. Energy moving through resistive (less conductive) materials such as dry sand, ice or dry concrete will penetrate much further than energy moving through absorptive (more conductive) materials such as salt water or wet concrete. As a result, the greater the contrast in electrical conductivity between the material one is scanning through and the target one is searching for, the brighter the reflection; high conductive materials such as metals produce the brightest reflections.

To understand how dielectric and electrical conductivity differences translate into visual data requires an understanding of how the antenna emits energy. Imagine the antenna scanning perpendicular to a UST. Energy emits from the antenna in a 3-dimensional cone shape, not in a straight line as one might think. The two-way travel time for energy at the leading edge of the cone is longer than for energy directly below the antenna. Because it will take longer for energy at the leading edge to be captured, when the antenna first approaches the UST, it will appear low in the data screen profile. As the antenna moves closer to the UST and the distance between them decreases, the reflections will appear higher in the profile. At the point where the antenna is located directly above the UST, the minimum distance of separation is reached and the reflections reach their zenith. As the antenna moves away from the UST and the

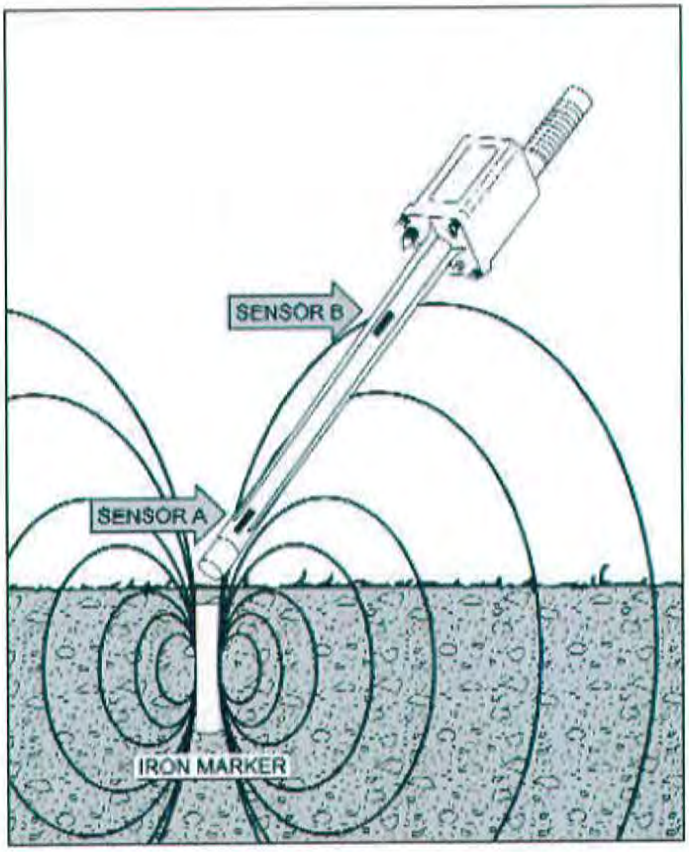
distance between them increases, the reflections appear lower in the profile once again. After the scan is completed, the center of the UST will appear in the data screen profile as an upside down U, which is referred to as a hyperbola. A image of a UST hyperbola is shown below:



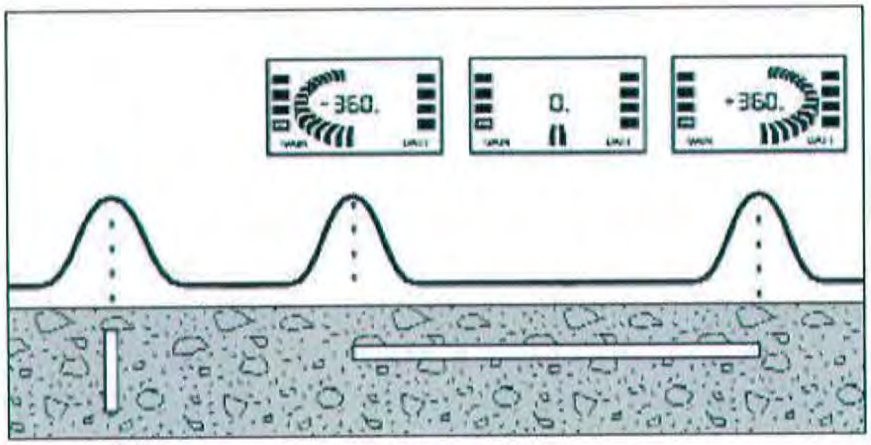

To gather, organize and present the data, a series of scans are performed within an orthogonal survey grid. At the end of each scan, the data screen profile is reviewed for the presence of a hyperbolic target. If present, the antenna is moved backward to place a cursor (which depicts the center of the antenna) on the center of the target. The location and depth of the target is then marked on the ground with chalk, paint and/or flags. Once the entire grid has been scanned, the marks are then reviewed to search for patterns similar to that of the desired targets; in this case a tank. Any target that appears in the data screen profile as a hyperbola in one direction, and as a flat line in the other, indicates the presence of a UST.

Magnetic Locator

All our Magnetic Locator surveys are performed with the Model GA-72Cd Magnetic Locator, which is manufactured by Schonstedt Instrument Company of 100 Edmond Road, Kearneysville, WV. The magnetic locator detects the magnetic field of ferromagnetic objects, by responding to the difference in the magnetic field between two sensors which are spaced apart about a distance of fourteen (14) inches. This instrument is unique in that it provides an audio signal, and visual indications, of both signal strength and polarity. The reason this is advantageous is that, although most objects can be located using either one of these indications, simultaneous use of both types enables one to pinpoint a target, determine its orientation, and identify magnetically detectable, non-metallic duct and cable. The figure below illustrates an application of the locator, in which it is being used to detect an iron marker - the type which is commonly used for property line identification. As shown, the magnetic field of the iron marker is stronger at Sensor A than it is at Sensor B. As a result, the frequency of the audio signal is higher than the idling frequency, forty (40) Hz, which exists when the field strength is the same at both sensors. This stronger signal also causes the digital indication to peak, in either the positive or negative direction, when the audio signal is at its highest frequency.




To perform a sweep, the locator is swept from side to side. When the locator comes within range of an iron object, the audio signal will peak, the bar graph will expand positive or negative, and the digital readout will peak as shown below; it is this peak response that indicates the existence of a metallic object buried underground.



## Materials

The magnetic locating survey was performed with the Model GA-72Cd Magnetic Locator, which is manufactured by Schonstedt Instrument Company of 100 Edmond Road, Kearneysville, WV. The GPR survey was performed with the SIR-3000, which was manufactured by Geophysical Survey Systems, Inc., of Salem, NH.

## Methods

Upon arriving onsite, a visual inspection was performed around the property to search for evidence of the following structures that are commonly associated with USTs: vents, fill pipes and supply/return lines. A magnetic locating survey was then performed around the areas in question, to search for evidence of any metallic objects. Finally, a GPR survey was also performed around the entire survey area - inside an orthogonal grid with 1-2 foot spacing, using a 400 MHz antenna - to more accurately determine the location and depth of any lines located during the cable and pipe or magnetic locating surveys, and to search for visual evidence of any potential underground storage tanks (USTs).

## Results

Based on the results of the survey in the areas scanned, there appears to be an UST in the front parking area of the property. Additionally, there was an anomaly detected in the rear parking area of the property.

## Discussion

The UST that appears to be in the front parking area of the site is approximately 3-4 feet deep and its location is shown in the photos below.






The anomaly found in the rear parking area is approximately 1-2 feet deep and is shown in the photo below.



If you have any questions, comments or concerns regarding this report, please don't hesitate to contact me at 203.993.0982 or kamal@undergroundsurveying.com.

Submitted on May 14, 2018 by Kamal Abdulrazak
Project Manager

# ATTACHMENT E

JULY 16, 2018 - NORTHEAST ENVIRONMENTAL

REMEDIAL ACTION REPORT

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
(914) 777-1930 Phone
(914) 777-1928 Fax

# Remedial Action Report
# For
# 316 Huguenot Street
# New Rochelle, NY 10801

## NYSDEC SPILL No.18-02819

**July 16, 2018**

**Prepared For:**
**Mr. Elliot Kracko**
**c/o Vinek Corporation**
**34 Evans Street**
**2nd Floor**
**New Rochelle New York 108501**

**Prepared by:**

Dwayne Monaco
**Dwayne J. Monaco**

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
(914) 777-1930 Phone
(914) 777-1928 Fax

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2. Site Location
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   - Diagram of Impacted Soil Removal and Post Excavation Soil Sampling Locations
   - Photos

3. Post Excavation Soil Sampling Analytical Reports
   - Rear Excavation
   - Front Excavation North Wall
   - Front Excavtion

4. Disposal Manifests
   - Petroleum Contaminated Soil
   - Liquids
   - Tanks

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
(914) 777-1930 Phone
(914) 777-1928 Fax

***Background:***
On June 12th of 2018, Northeast Environmental Inc. (Northeast) mobilized crew and equipment to 316 Huguenot Street with in the City of New Rochelle, New York. The site consisted of a hardware store operating out of a one story commercial structure. The site historically operated as an auto repair shop and gasoline service station from the 1950's to early 1980's The site is situated in a residential and light commercial neighborhood utilizing city supplied potable water and sanitary systems.

***Purpose:***
Northeast was retained by Vinek Corporation for the removal of three (3) underground storage tanks (USTs) located during a geophysical survey conducted in May of 2018 by Underground Surveying of Brookfield CT. The survey was performed utilizing a ground penetrating radar and magnetic locator technology. Upon completion of the survey two anomalies were located, one at the rear of the structure and the other with in the front asphalt parking area.

***Rear of Structure:***
Upon removal of overburden soils from the rear anomaly it was observed that a 550-gallon UST was present. The contents of the UST was pumped out and the tank de-gassed prior to cutting it open to allow cleaning of the residual petroleum and sludge. The UST was then removed and the soils with in the excavation were inspected for a petroleum release utilizing a Multi Rae Portable VOC meter (aka PID Meter). Soils at 0-4' below surface grade (BSG) were observed to have PID readings of 600ppm and would require remediation.

***Front Asphalt Parking Area:***
Removal of overburden soils from the front anomaly found that a previously abandoned 1,000-gallon UST was present as well as a 300-gallon UST. The 1,000-gallon was filled with K-Crete and the 300-gallon was observed to be free of any liquids or residual sludge. The USTs were then removed and the soils with in the excavation were inspected for a petroleum release utilizing a PID meter. Soils with in all four sides of the excavation were observed to have PID readings in excess of 2000ppm and would require remediation. The presence of petroleum impacted soil is most likely correlated to when the property was a service station and fuel USTs were maintained on site and had been previously removed.

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
(914) 777-1930 Phone
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***Remedial Activities:***
Remedial efforts commenced on June 13th of 2018 with the removal of impacted soils from the rear excavation. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings for VOCs were containerized, transported off-site and disposed of at Soil Safe, Inc.-Metro 12 located in Carteret New Jersey. A total of 17.91 tons of petroleum impacted soil was removed from the rear of the structure.

Upon completion of the remedial work at the rear of the structure, efforts turned to remediating the impacted soils at the front of the structure. Field screening of excavated soils was conducted with a PID meter with those soils showing detectable readings in excess of 200ppm for VOCs were containerized, transported off-site and disposed of at Soil Safe, Inc.-Metro 12 located in Carteret New Jersey. A total of 549.82 tons of petroleum impacted soil was removed from the rear of the structure.

During the excavation of petroleum impacted soils, in both the rear and front of the structure, ground water was not encountered. The front excavation reached depths of 20' with no observance of ground water.

***Post Excavation Soil Sampling:***
Upon achieving acceptable PID readings from within the excavated areas, post excavation soil sampling was conducted. Composite soil samples were retrieved from the excavations using sterile hand tools and sampling equipment. Soils were jarred, packed in ice and delivered to a NYS certified laboratory to be analyzed according to NYSDEC protocol for Volatile Organic Contaminants (VOCs) and Semi-Volatile Organic Contaminants (SVOCs). Sampling locations can be viewed on the attached diagram.

Laboratory analytical results were then compared to the NYSDEC Part 375 Soil Cleanup Objectives. No VOCs or SVOCs were observed to be in exceedance of the NYSDEC standards within the post excavation soil samples collected. The analytical reports can be reviewed as an attachment to this report.

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
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***Conclusion and Recommendation:***

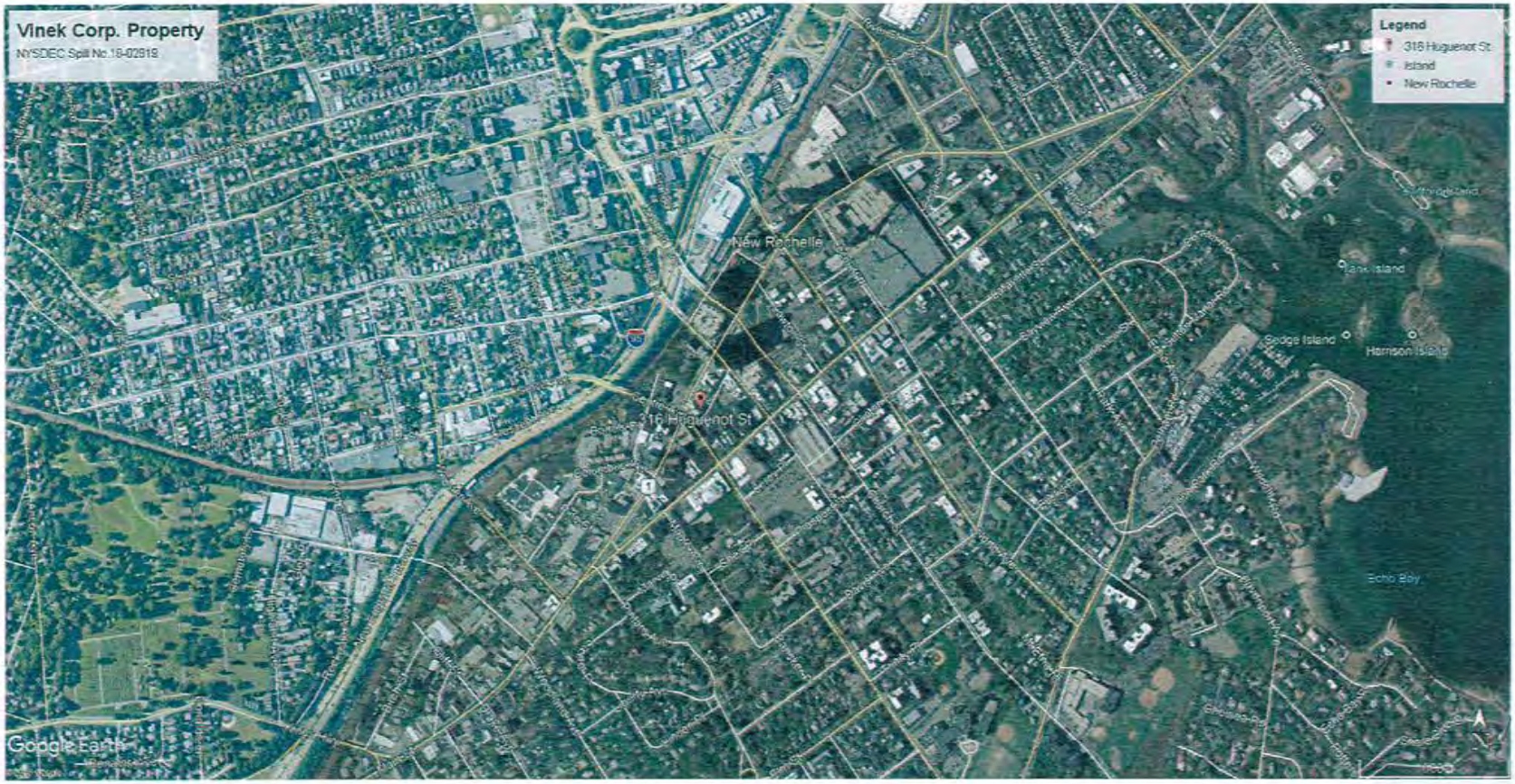
In conclusion, Northeast has removed the three USTs located during a geophysical survey. One 550-gallon UST located in the rear of the structure, one 1,000-gallon UST that was previously filled with K-Crete and one 300-gallon empty UST located in the front asphalt parking area.

The UST in the rear was observed to have had a minimal release into the overburdens resulting in the removal of 17.91 tons of petroleum impacted soil. Post excavation soil sampling of the bottom and a composite of the side walls showed non-detect for VOCs and SVOCs.

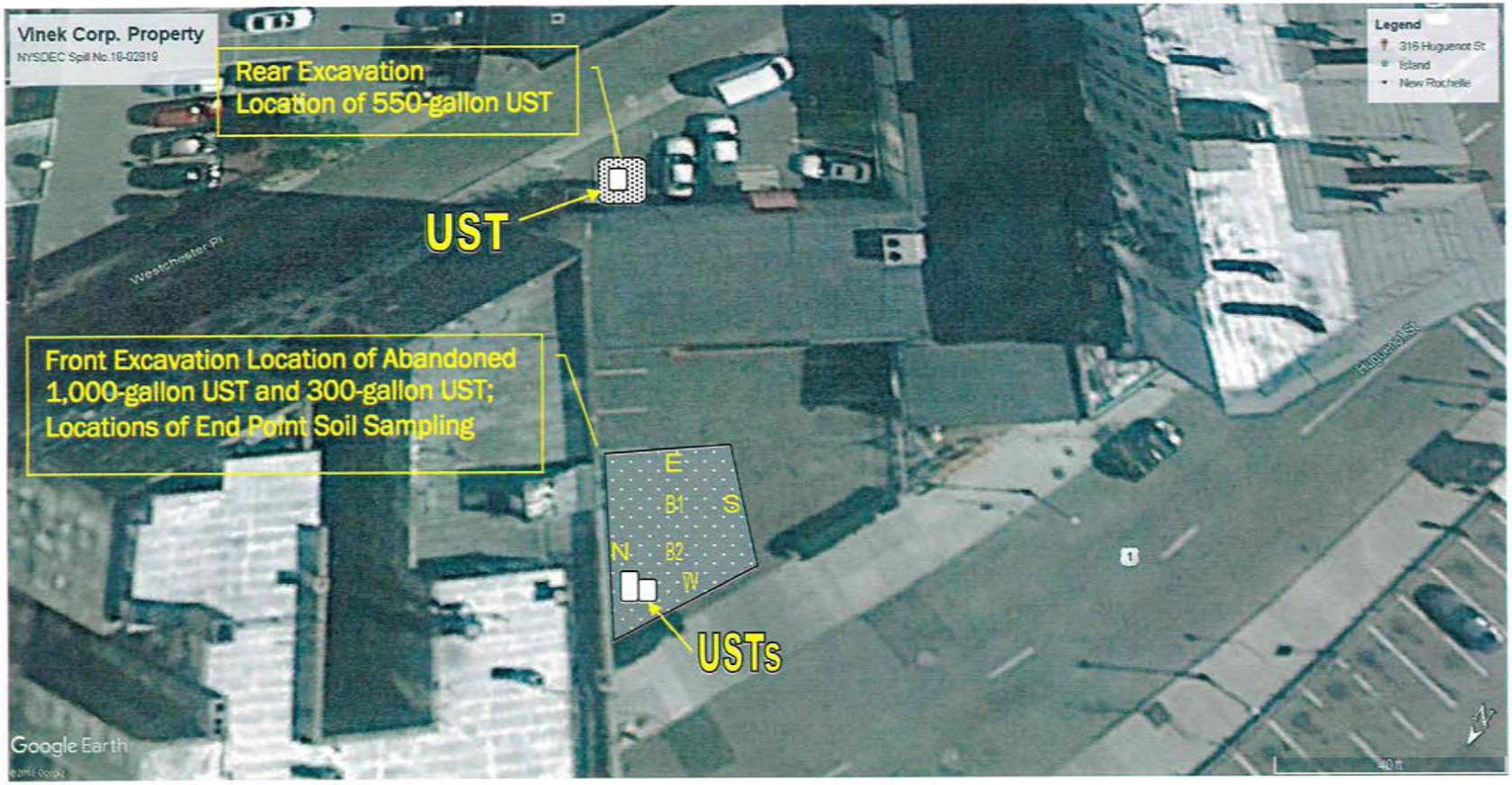
The USTs in the front did not appear to be the cause of the observed petroleum impacted soil and most likely were associated with USTs previously removed. The observance of historical petroleum impacted soil resulted in the removal of 549.82 tons of soil. Post excavation sampling of each side wall and two from the base of the excavation showed levels of contaminants in the range of non-detect to below the NYSDEC regulatory standards.

It is Northeast recommendation that no further remedial work is deemed necessary in regards to the historical release of petroleum contaminants with in the areas excavated. In turn we request that the NYSDEC spill case file No.18-02819 should be deemed inactive.

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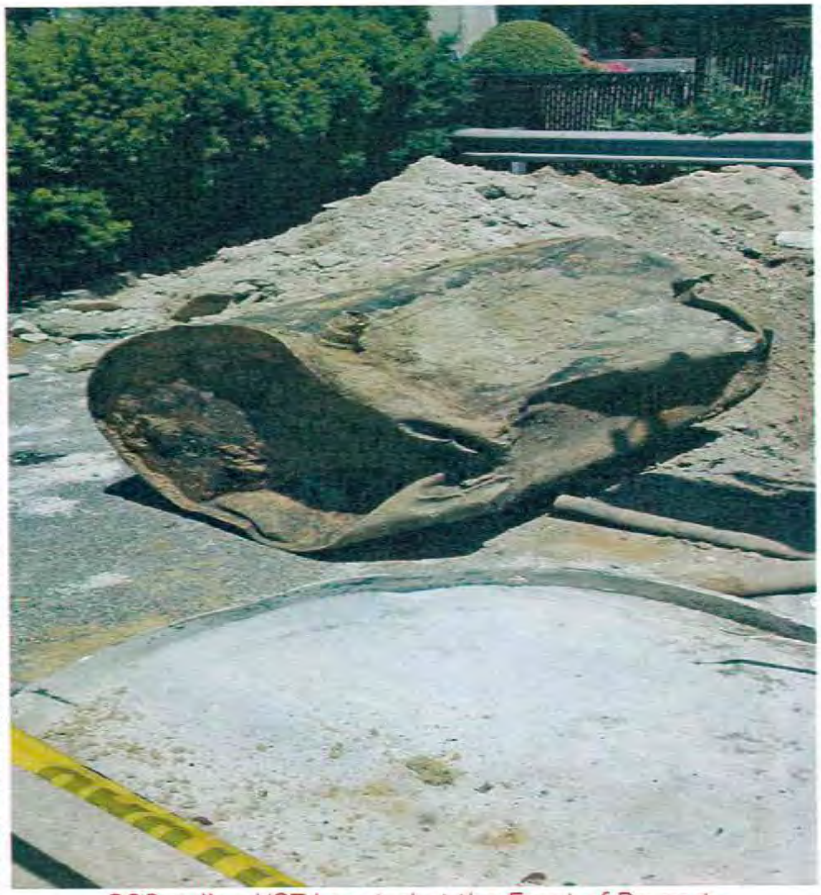


550-Gallon UST Located at Rear of Property

NORTHEAST ENVIRONMENTAL INC.
225 Valley Place
Mamaroneck, NY 10543
(914) 777-1930 Phone
(914) 777-1928 Fax



1,000-gallon UST Located at the Front of Property



300-gallon UST Located at the Front of Property

# ATTACHMENT F

## PHASE I ESA INTERVIEW AND INFORMATION SOURCES

# ATTACHMENT F

## PHASE I ESA INTERVIEW & INFORMATION SOURCES

## ALLSTATE VENTURES LLC

## 316 HUGUENOT STREET, NEW ROCHELLE, NEW YORK 10801

| Information Source | Affiliation | Phone Number |
|---|---|---|
| Mikel Jeremias | Allstate Ventures LLC - Property Owner/Developer | 914-804-7087 |
| Elliot Kracko | Vinek Holding Corp.- Former Property Owner | 914-557-1256 |
| Kamal Abdulrazak | Underground Surveying | 203-312-9844 |
| Dwayne Monaco | Northeast Environmental | 914-777-1930 |
| Dan Whittemore | City of New Rochelle Tax Assessor | 914-654-2052 |
| Susan Hamill | City of New Rochelle Fire Department | 914-654-2214 |
| Paul Vacca | City of New Rochelle Building Official | 914-654-2035 |
| Katrin Kraft | Environmental Data Resources | 800-326-0847 |

# ATTACHMENT G

## FEDERAL & STATE DATABASE REPORT

**316 Huguenot Street**
316 Huguenot Street
New Rochelle, NY 10801

Inquiry Number: 05806893.2r
September 27, 2019

# FirstSearch Area/Linear Report

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

# Search Summary Report

**TARGET SITE** **316 HUGUENOT STREET**
**NEW ROCHELLE, NY 10801**

| Category | Sel | Site | 1/8 | 1/4 | 1/2 | > 1/2 | ZIP | TOTALS |
|---|---|---|---|---|---|---|---|---|
| ***NPL*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***NPL Delisted*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***CERCLIS*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***NFRAP*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***RCRA COR ACT*** | Y | 0 | 0 | 1 | - | - | 0 | 1 |
| ***RCRA TSD*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***RCRA GEN*** | Y | 0 | 5 | - | - | - | 0 | 5 |
| ***Federal IC / EC*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***ERNS*** | Y | 0 | - | - | - | - | 0 | 0 |
| ***State/Tribal CERCLIS*** | Y | 0 | 1 | 0 | - | - | 0 | 1 |
| ***State/Tribal SWL*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***State/Tribal LTANKS*** | Y | 0 | 15 | 31 | - | - | 1 | 47 |
| ***State/Tribal Tanks*** | Y | 0 | 19 | - | - | - | 1 | 20 |
| ***State/Tribal IC / EC*** | Y | 0 | - | - | - | - | 0 | 0 |
| ***State/Tribal VCP*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***ST/Tribal Brownfields*** | Y | 0 | 2 | 4 | - | - | 0 | 6 |
| ***US Brownfields*** | Y | 0 | 0 | 0 | - | - | 0 | 0 |
| ***Other Haz Sites*** | Y | 0 | - | - | - | - | 0 | 0 |
| ***Other Tanks*** | Y | 0 | - | - | - | - | 0 | 0 |
| ***Spills*** | Y | 1 | 28 | - | - | - | 0 | 29 |
| ***Other*** | Y | 0 | 26 | - | - | - | 0 | 26 |
| | - Totals -- | 1 | 96 | 36 | 0 | 0 | 2 | 135 |


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# Search Summary Report

**TARGET SITE:** **316 HUGUENOT STREET**
**NEW ROCHELLE, NY 10801**

| Category | Database | Update | Radius | Site | 1/8 | 1/4 | 1/2 | > 1/2 | ZIP | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|
| ***NPL*** | NPL | 07/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | Proposed NPL | 07/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***NPL Delisted*** | Delisted NPL | 07/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***CERCLIS*** | SEMS | 07/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***NFRAP*** | SEMS-ARCHIVE | 07/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***RCRA COR ACT*** | CORRACTS | 03/25/2019 | 0.250 | 0 | 0 | 1 | - | - | 0 | 1 |
| ***RCRA TSD*** | RCRA-TSDF | 03/25/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***RCRA GEN*** | RCRA-LQG | 03/25/2019 | 0.125 | 0 | 3 | - | - | - | 0 | 3 |
| | RCRA-SQG | 03/25/2019 | 0.125 | 0 | 0 | - | - | - | 0 | 0 |
| | RCRA-VSQG | 03/25/2019 | 0.125 | 0 | 2 | - | - | - | 0 | 2 |
| ***Federal IC / EC*** | US ENG CONTROLS | 08/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | US INST CONTROL | 08/19/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***ERNS*** | ERNS | 09/09/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| ***State/Tribal CERCLIS*** | SHWS | 05/13/2019 | 0.250 | 0 | 1 | 0 | - | - | 0 | 1 |
| ***State/Tribal SWL*** | SWF/LF | 07/02/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***State/Tribal LTANKS*** | INDIAN LUST | 10/13/2018 | TP | 0 | - | - | - | - | 0 | 0 |
| | LTANKS | 08/12/2019 | 0.250 | 0 | 15 | 31 | - | - | 1 | 47 |
| | HIST LTANKS | 01/01/2002 | TP | 0 | - | - | - | - | 0 | 0 |
| ***State/Tribal Tanks*** | UST | 06/24/2019 | 0.125 | 0 | 17 | - | - | - | 1 | 18 |
| | CBS UST | 01/01/2002 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | MOSF UST | 01/01/2002 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | CBS | 06/24/2019 | 0.250 | 0 | 1 | 0 | - | - | 0 | 1 |
| | MOSF | 06/24/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | AST | 06/24/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | CBS AST | 01/01/2002 | 0.250 | 0 | 1 | 0 | - | - | 0 | 1 |
| | MOSF AST | 01/01/2002 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | INDIAN UST | 10/03/2018 | TP | 0 | - | - | - | - | 0 | 0 |
| | TANKS | 06/24/2019 | TP | 0 | - | - | - | - | 0 | 0 |

# Search Summary Report

**TARGET SITE:** **316 HUGUENOT STREET**
**NEW ROCHELLE, NY 10801**

| Category | Database | Update | Radius | Site | 1/8 | 1/4 | 1/2 | > 1/2 | ZIP | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|
| ***State/Tribal IC / EC*** | RES DECL | 11/18/2010 | TP | 0 | - | - | - | - | 0 | 0 |
| | ENG CONTROLS | 05/13/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | INST CONTROL | 05/13/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***State/Tribal VCP*** | VCP | 05/13/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***ST/Tribal Brownfields*** | BROWNFIELDS | 05/13/2019 | 0.250 | 0 | 2 | 4 | - | - | 0 | 6 |
| | ERP | 05/13/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***US Brownfields*** | US BROWNFIELDS | 06/03/2019 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| ***Other Haz Sites*** | US CDL | 06/11/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| ***Other Tanks*** | HIST UST | 01/01/2002 | TP | 0 | - | - | - | - | 0 | 0 |
| | HIST AST | 01/01/2002 | TP | 0 | - | - | - | - | 0 | 0 |
| ***Spills*** | HMIRS | 06/24/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | NY Spills | 08/12/2019 | 0.125 | 1 | 28 | - | - | - | 0 | 29 |
| | NY Hist Spills | 01/01/2002 | TP | 0 | - | - | - | - | 0 | 0 |
| | SPILLS 90 | 12/14/2012 | TP | 0 | - | - | - | - | 0 | 0 |
| | SPILLS 80 | 11/02/2010 | TP | 0 | - | - | - | - | 0 | 0 |
| ***Other*** | RCRA NonGen / NLR | 03/25/2019 | 0.125 | 0 | 23 | - | - | - | 0 | 23 |
| | TSCA | 12/31/2016 | TP | 0 | - | - | - | - | 0 | 0 |
| | TRIS | 12/31/2016 | TP | 0 | - | - | - | - | 0 | 0 |
| | SSTS | 09/30/2018 | TP | 0 | - | - | - | - | 0 | 0 |
| | RAATS | 04/17/1995 | TP | 0 | - | - | - | - | 0 | 0 |
| | PRP | 08/20/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | PADS | 03/20/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | ICIS | 11/18/2016 | TP | 0 | - | - | - | - | 0 | 0 |
| | FTTS | 04/09/2009 | TP | 0 | - | - | - | - | 0 | 0 |
| | MLTS | 06/20/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | RADINFO | 07/01/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | INDIAN RESERV | 12/31/2014 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | US AIRS | 10/12/2016 | TP | 0 | - | - | - | - | 0 | 0 |
| | FINDS | 05/03/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | DRYCLEANERS | 11/05/2018 | 0.125 | 0 | 3 | - | - | - | 0 | 3 |
| | HSWDS | 01/01/2003 | 0.250 | 0 | 0 | 0 | - | - | 0 | 0 |
| | MANIFEST | 01/01/2019 | TP | 0 | - | - | - | - | 0 | 0 |
| | SPDES | 04/22/2019 | 0.125 | 0 | 0 | - | - | - | 0 | 0 |
| | - Totals -- | | | 1 | 96 | 36 | 0 | 0 | 2 | 135 |

# Site Information Report

**Request Date:** SEPTEMBER 27, 2019
**Request Name:** MARTIN WODKA
**Search Type:** COORD
**Job Number:** NA

**Target Site:** 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

## *Site Location*

| | Degrees (Decimal) | Degrees (Min/Sec) | | UTMs |
|---|---|---|---|---|
| Longitude: | 73.784357 | 73.7843570 - 73° 47' 3.68'' | Easting: | 602382.5 |
| Latitude: | 40.908548 | 40.9085480 - 40° 54' 30.77'' | Northing: | 4529104.5 |
| Elevation: | 100 ft. above sea level | | Zone: | Zone 18 |

## *Demographics*

**Sites:** 133 **Non-Geocoded:** 2 **Population:** N/A

**RADON**

Federal EPA Radon Zone for WESTCHESTER County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for WESTCHESTER COUNTY, NY

Number of sites tested: 650

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area | 0.930 pCi/L | 97% | 3% | 0% |
| Basement | 1.730 pCi/L | 84% | 13% | 2% |

State Database: NY Radon

Radon Test Results

| County | Town | Num Tests | Avg Result | Geo Mean | Max Result |
|---|---|---|---|---|---|

# Site Information Report

**RADON**

| | | | | | |
|---|---|---|---|---|---|
| WESTCHESTER | BEDFORD | 108 | 2.44 | 1.65 | 21.7 |
| WESTCHESTER | CORTLANDT | 169 | 5.15 | 2.22 | 95.4 |
| WESTCHESTER | EASTCHESTER | 76 | 2.89 | 1.75 | 41.9 |
| WESTCHESTER | GREENBURGH | 222 | 2.26 | 1.46 | 21.8 |
| WESTCHESTER | HARRISON | 69 | 3.3 | 2.07 | 42.3 |
| WESTCHESTER | LEWISBORO | 72 | 3.91 | 2.61 | 19.2 |
| WESTCHESTER | MAMARONECK | 123 | 4 | 2.42 | 35.9 |
| WESTCHESTER | MT. KISCO | 38 | 2.33 | 1.72 | 9.3 |
| WESTCHESTER | MT. PLEASANT | 172 | 2.13 | 1.43 | 17.1 |
| WESTCHESTER | MT. VERNON | 53 | 2.82 | 1.65 | 32 |
| WESTCHESTER | NEW CASTLE | 134 | 2.2 | 1.46 | 31.7 |
| WESTCHESTER | NEW ROCHELLE | 127 | 1.92 | 1.31 | 13.8 |
| WESTCHESTER | NO. CASTLE | 64 | 3.49 | 2.25 | 16.5 |
| WESTCHESTER | NO. SALEM | 56 | 3.78 | 2.56 | 25.7 |
| WESTCHESTER | OSSINING | 65 | 2.08 | 1.39 | 10.9 |
| WESTCHESTER | PEEKSKILL | 47 | 3.66 | 2.34 | 19.9 |
| WESTCHESTER | PELHAM | 26 | 2.5 | 1.91 | 9.1 |
| WESTCHESTER | POUND RIDGE | 34 | 3.37 | 2.22 | 18.5 |
| WESTCHESTER | RYE | 98 | 2.24 | 1.63 | 9.5 |
| WESTCHESTER | SCARSDALE | 138 | 2.35 | 1.63 | 22.4 |
| WESTCHESTER | SOMERS | 72 | 3.89 | 2.82 | 21.3 |
| WESTCHESTER | WHITE PLAINS | 132 | 2.76 | 1.48 | 65.2 |
| WESTCHESTER | YONKERS | 153 | 2.23 | 1.37 | 16 |
| WESTCHESTER | YORKTOWN | 181 | 2.7 | 1.72 | 27.2 |

# Target Site Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| A1 | NY Spills<br>--1802819 / 2018-07-23<br>--571425<br>--2018-06-12 | VINEK / KRACKO - USTS | 316 HUGUENOT ST<br>NEW ROCHELLE, NY | 0.00 | + 0 | 1 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| A2 | UST<br>--3-078360<br>--0. Administratively closed<br>--Administratively Closed | CERUSSI AND VERE | 306 HUGUENOT ST<br>NEW ROCHELLE, NY 10801 | 0.00 North | + 1 | 3 |
| B3 | UST<br>--3-801006<br>--4. Closed - in place<br>--Unregulated: <1101 gal. PBS | TRINITY-ST. PAUL'S EPISCOPAL C | 311 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | 0.01 NNW | + 1 | 4 |
| B4 | LTANKS<br>--0410335 / 2005-09-11<br>--335236<br>--2004-12-17 | JONES RESIDENCE | 311 HUGUENOT STREET<br>NEW ROCHELLE, NY | 0.01 NNW | + 1 | 5 |
| C5 | NY Spills<br>--9804849 / 2002-07-15<br>--9908117 / 1999-10-04<br>--114515<br>--114516<br>--1998-07-18<br>--1999-10-04<br>*Additional key fields are available in the Map Findings section | CEMENT COURT YARD | 54 CENTER AVE<br>NEW ROCHELLE, NY | 0.01 SSW | - 2 | 7 |
| C6 | LTANKS<br>--0206558 / 2005-02-27<br>--0403405 / 2004-12-10<br>--254563<br>--84302<br>--2002-09-06<br>--2004-06-29<br>*Additional key fields are available in the Map Findings section | APARTMENT BLDG | 54 CENTRE AV<br>NEW ROCHELLE, NY | 0.01 SSW | - 2 | 10 |
| C7 | UST<br>--3-169773<br>--1. In-Service<br>--Active | SEASONWEIN MANAGEMENT LLC | 54 CENTRE AVENUE<br>NEW ROCHELLE, NY 10801 | 0.01 SSW | - 2 | 13 |
| C8 | RCRA-VSQG<br>--NYD982531634 | CENTRE CLEANERS | 62 CENTRE STREET<br>NEW ROCHELLE, NY 10801 | 0.02 South | - 2 | 14 |
| C9 | DRYCLEANERS<br>--3-5510-00298 | GREEN HEAVEN/CENTRE CLEANERS | 62 CENTRE AVE.<br>NEW ROCHELLE, NY 10801 | 0.02 South | - 2 | 17 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| C10 | UST<br>--3-137979<br>--3a. Closed - Prior to 04/1991<br>--8. Unregistered<br>--3. Closed - Removed<br>--Unregulated | M.J. HACKER & SONS INC. | 64 CENTRE AVE<br>NEW ROCHELLE, NY 10801 | 0.02 South | - 2 | 18 |
| C11 | LTANKS<br>--1308480 / 2015-04-28<br>--489220<br>--2013-11-20 | COMMERCIAL PROPERTY | 64 CENTRE AVE<br>NEW ROCHELLE, NY | 0.02 South | - 2 | 22 |
| B12 | LTANKS<br>--8709425 / 1988-04-06<br>--83347<br>--1988-02-03 | SHORELINE OIL | 296 HUGENOT ST,REAR OF<br>NEW ROCHELLE, NY | 0.02 North | + 1 | 24 |
| C13 | RCRA NonGen / NLR<br>--NYP004211728 | CON EDISON | HUGUENOT ST & CENTRE ST<br>NEW ROCHELLE, NY 10801 | 0.02 SW | - 4 | 26 |
| C14 | RCRA NonGen / NLR<br>--NYD986961605 | NEW YORK TELEPHONE CO | 342 HUGUENOT ST<br>NEW ROCHELLE, NY 10801 | 0.03 SW | - 5 | 27 |
| C15 | LTANKS<br>--9708146 / 1997-10-10<br>--270876<br>--1997-10-10 | NYNEX LOCATION | 342 HUEGNOT ST<br>NEW ROCHELLE, NY | 0.03 SW | - 5 | 29 |
| C16 | NY Spills<br>--0413326 / 2005-09-11<br>--342403<br>--2005-03-22 | VERIZON | 342 HUGUENOT ST<br>NEW ROCHELLE, NY | 0.03 SW | - 5 | 31 |
| D17 | UST<br>--3-800240<br>--3. Closed - Removed<br>--Active | 75 CENTRE AVENUE LLC | 75 CENTRE AVENUE<br>NEW ROCHELLE, NY 10801 | 0.03 South | - 1 | 33 |
| E18 | UST<br>--3-600097<br>--3. Closed - Removed<br>--Unregulated | NEW ROCHELLE IRISH BENEVOLENT | 38 DIVISION STREET<br>NEW ROCHELLE, NY 10801 | 0.04 NE | + 1 | 34 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| F19 | UST<br>--3-184586<br>--3. Closed - Removed<br>--1. In-Service<br>--Active | VERIZON NEW YORK INC. (NY96332 | 342 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | 0.04 SW | - 5 | 35 |
| E20 | LTANKS<br>--9213055 / 1995-03-16<br>--201286<br>--1993-02-22 | LILLIAN VERNON CO. | WESTCHESTER PLACE<br>NEW ROCHELLE, NY | 0.04 NE | + 1 | 38 |
| G21 | RCRA-VSQG<br>--NYD002015402 | ERIC S TURNER & CO INC. | 33-35 CENTRE AVE<br>NEW ROCHELLE, NY 10801 | 0.04 WSW | - 8 | 40 |
| G22 | BROWNFIELDS<br>--580085 | CENTRE AVENUE DEVELOPMENT - SO | 33 CENTRE AVENUE<br>NEW ROCHELLE, NY 10801 | 0.04 WSW | - 8 | 42 |
| E23 | LTANKS<br>--0510542 / 2006-03-15<br>--356539<br>--2005-12-08 | VACANT LOT | HUGUENOT ST/DIVISION ST<br>NEW ROCHELLE, NY | 0.04 NE | + 1 | 46 |
| E24 | NY Spills<br>--0606187 / 2006-09-03<br>--369495<br>--2006-08-29 | ROAD | HUGUENOT ST/DIVISION ST<br>NEW ROCHELLE, NY | 0.04 NE | + 1 | 48 |
| D25 | LTANKS<br>--0311339 / 2005-01-10<br>--313391<br>--2004-01-07 | COCO RESIDENCE | 81 CENTRE AVE<br>NEW ROCHELLE, NY | 0.04 South | + 0 | 50 |
| E26 | NY Spills<br>--0804961 / 2008-07-30<br>--401965<br>--2008-07-30 | CABLE | 29 DIVISION STREET<br>NEW ROCHELLE, NY | 0.05 ENE | + 1 | 52 |
| H27 | RCRA-LQG<br>--NYP004353199 | CON EDISON - TRANSFORMER MANHO | DIVISION ST AND HUGENOT S<br>NEW ROCHELLE, NY 10805 | 0.05 NNE | + 1 | 54 |
| H28 | RCRA NonGen / NLR<br>--NYP004317285 | CON EDISON MANHOLE: 1215 | HUGENOT AVE & DIVISION ST<br>NEW ROCHELLE, NY 10801 | 0.05 NNE | + 1 | 57 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| H29 | RCRA NonGen / NLR<br>--NYP004349395 | CON EDISON TRANSFORMER MANHOLE | DIVISION ST & HUGUENOT ST<br>NEW ROCHELLE, NY 10801 | 0.05 NNE | + 1 | 58 |
| H30 | NY Spills<br>--0810056 / 2010-05-04<br>--407567<br>--2008-12-09 | RESIDENCE | 129 DIVISON ST<br>TARRYTOWN, NY | 0.05 NNE | + 1 | 59 |
| F31 | UST<br>--3-502626<br>--1. In-Service<br>--Active | MAISON 347 LLC | 347 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | 0.05 SW | - 6 | 61 |
| I32 | NY Spills<br>--0804960 / 2008-08-16<br>--401964<br>--2008-07-30 | CON EDISON | 19 DIVISION ST & WASHINGT<br>NEW ROCHELLE, NY 10801 | 0.05 East | + 0 | 62 |
| I33 | LTANKS<br>--9405558 / 2005-02-10<br>--119901<br>--1994-07-25 | COMM/RESIDENT. PROPERTY | 15 DIVISION STREET<br>NEW ROCHELLE, NY | 0.06 East | + 0 | 64 |
| H34 | RCRA NonGen / NLR<br>--NYD987011897 | NYSDOT BIN 1049890 | DIVISION ST OVER METRO NO<br>NEW ROCHELLE, NY 10803 | 0.06 NNE | + 1 | 66 |
| G35 | RCRA NonGen / NLR<br>--NYP004379020 | CON EDISON TRANSFORMER MANHOLE | CENTRE AVE & RELYEA PL<br>NEW ROCHELLE, NY 10802 | 0.06 West | - 12 | 68 |
| G36 | RCRA NonGen / NLR<br>--NYP004365318 | CON EDISON TRANSFORMER MANHOLE | CENTRE AVE & RELYEA PL<br>NEW ROCHELLE, NY 10801 | 0.06 West | - 12 | 69 |
| J37 | RCRA NonGen / NLR<br>--NYP004880023 | CON EDISON | 565 MAIN ST<br>NEW ROCHELLE, NY 10801 | 0.06 SSE | + 1 | 70 |
| J38 | LTANKS<br>--0311823 / 2004-12-30<br>--149369<br>--2004-01-21 | CENTRE-MAIN ASSOCIATES | 75 - 77 CENTER AVE<br>NEW ROCHELLE, NY | 0.06 SSE | + 0 | 71 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| G39 | RCRA NonGen / NLR<br>--NYD987011855 | MR CHIMNEY CLEAN | 32 RELYEA PL<br>NEW ROCHELLE, NY 10801 | 0.06 WSW | - 10 | 73 |
| J40 | UST<br>--3-800238<br>--3. Closed - Removed<br>--Active | MISR REALTY, LLC | 573-579 MAIN STREET<br>NEW ROCHELLE, NY 10801 | 0.07 SSE | + 0 | 75 |
| 41 | NY Spills<br>--1309988 / 2014-01-14<br>--490810<br>--2014-01-14 | APPAREL PLUS | 27 CENTRE AVE<br>NEW ROCHELLE, NY | 0.07 West | - 12 | 76 |
| K42 | RCRA NonGen / NLR<br>--NYR000022053 | FIRST METRO SERVICES | 357 HUGONOT ST<br>NEW ROCHELLE, NY 10805 | 0.07 SW | - 7 | 78 |
| J43 | DRYCLEANERS<br>--3-5510-00358 | HANGERS CLEANERS | 562-564 MAIN STREET<br>NEW ROCHELLE, NY 10801 | 0.07 SSE | + 2 | 80 |
| J44 | UST<br>--3-600330<br>--4. Closed - in place<br>--Unregulated: <1101 gal. PBS | BLOOMINGDALE PARKING LOT | 554 MAIN ST<br>NEW ROCHELLE, NY 10802 | 0.07 SE | + 2 | 81 |
| J45 | RCRA NonGen / NLR<br>--NYP004760815 | CON EDISON | CENTRE & MAIN ST<br>NEW ROCHELLE, NY 10801 | 0.07 SSE | + 0 | 83 |
| J46 | RCRA NonGen / NLR<br>--NYP004315198 | CON EDISON TRANSFORMER MANHOLE | CENTRE AVE & MAIN ST<br>NEW ROCHELLE, NY 10801 | 0.07 SSE | + 0 | 84 |
| I47 | UST<br>--3-166189<br>--3. Closed - Removed<br>--Active | RPM REALTY INC | 9-15 DIVISION STREET<br>NEW ROCHELLE, NY 10801 | 0.07 East | - 1 | 85 |
| J48 | NY Spills<br>--0105975 / 2001-09-05<br>--182891<br>--2001-09-04 | QUEEN CITY SUPER BUFFET | 566 MAIN ST<br>NEW ROCHELLE, NY | 0.07 SSE | + 1 | 86 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| L49 | RCRA NonGen / NLR<br>--NYP004828044 | CON EDISON | 552 MAIN ST<br>NEW ROCHELLE, NY 10801 | 0.07 SE | + 1 | 88 |
| L50 | NY Spills<br>--9212475 / 2004-05-12<br>--125220<br>--1993-02-03 | LILLIAN VERNON CORP. | 543 MAIN STREET<br>NEW ROCHELLE, NY | 0.07 ESE | + 0 | 89 |
| L50 | LTANKS<br>--0308082 / 2004-05-12<br>--94435<br>--2003-07-14 | LILLIAN VERNON CORP. | 543 MAIN STREET<br>NEW ROCHELLE, NY | 0.07 ESE | + 0 | 91 |
| L51 | UST<br>--3-801106<br>--3. Closed - Removed<br>--Unregulated: <1101 gal. PBS | 543 MAIN STREET | 543 MAIN STREET<br>NEW ROCHELLE, NY 10801 | 0.07 ESE | + 0 | 93 |
| L52 | UST<br>--3-600279<br>--3. Closed - Removed<br>--Unregulated: <1101 gal. PBS | LILLIAN VERNON CORPORATION | 543-549 MAIN STREET<br>NEW ROCHELLE, NY 10801 | 0.07 ESE | + 0 | 94 |
| L53 | LTANKS<br>--0509995 / 2006-03-22<br>--355877<br>--2005-11-21 | OFFICE BLDG | 542 MAIN STREET<br>NEW ROCHELLE, NY | 0.08 ESE | + 0 | 95 |
| L54 | UST<br>--3-800617<br>--1. In-Service<br>--Active | 542 MAIN STREET LLC | 542 MAIN STREET<br>NEW ROCHELLE, NY 10801 | 0.08 ESE | + 0 | 97 |
| M55 | NY Spills<br>--9900400 / 1999-07-09<br>--9415294 / 1995-03-03<br>--81102<br>--251083<br>--1999-04-08<br>--1995-02-17<br>*Additional key fields are available in the Map Findings section | 535 MAIN ST ASSOCIATION | 535 MAIN STREET<br>NEW ROCHELLE, NY | 0.08 ESE | - 1 | 98 |
| M56 | NY Spills<br>--1509029 / 2015-12-04<br>--517634<br>--2015-12-03 | SIDNEY FURNITURE | 535 MAIN ST<br>NEW ROCHELLE, NY | 0.08 ESE | - 1 | 101 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| M57 | RCRA-LQG<br>--NYP004872319 | CON EDISON - TRANSFORMER MANHO | DIVISION ST & MAIN ST<br>NEW ROCHELLE, NY 10801 | 0.08 ESE | - 1 | 103 |
| J58 | NY Spills<br>--0502735 / 2005-06-14<br>--347154<br>--2005-06-07 | CURBSIDE | CENTER AVE/MAIN STREET<br>NEW ROCHELLE, NY | 0.08 SSE | + 1 | 106 |
| K59 | UST<br>--3-801137<br>--3. Closed - Removed<br>--Administratively Closed | STORAGE USA | 363 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | 0.08 SW | - 8 | 108 |
| N60 | RCRA NonGen / NLR<br>--NYR000016535 | PRO AUTO PARTS | 41 REYLEA PL<br>NEW ROCHELLE, NY 10801 | 0.08 WSW | - 13 | 109 |
| N61 | NY Spills<br>--0810846 / 2009-02-06<br>--408393<br>--2008-12-29 | HYDRO CLEANING SYSTEMS | 41 RELYEA PLACE<br>NEW ROCHELLE, NY | 0.08 WSW | - 13 | 111 |
| N62 | NY Spills<br>--1310684 / 2017-03-30<br>--491552<br>--2014-01-13 | PERC - APPAREL PLUS | 8 BARTLES PLACE<br>NEW ROCHELLE, NY | 0.09 WSW | - 15 | 113 |
| O63 | NY Spills<br>--1811358 / Not Reported<br>--582291<br>--2019-02-11 | NOVA REALTY - UST | 523 MAIN ST<br>NEW ROCHELLE, NY | 0.10 East | - 2 | 115 |
| P64 | NY Spills<br>--8700158 / 1987-04-07<br>--121121<br>--1987-04-07 | I-95 | I-95EB MP54<br>NEW ROCHELLE, NY | 0.10 WNW | - 21 | 117 |
| P65 | NY Spills<br>--0308809 / 2003-11-26<br>--329742<br>--2003-11-18 | P&D TRANSPORT - HOT TAR | I-95 NB @ MM 5.4<br>NEW ROCHELLE, NY | 0.10 WNW | - 21 | 119 |
| N66 | LTANKS<br>--1400928 / 2017-03-30<br>--494186<br>--2014-04-28 | INDUST OVERALL SERVICE CORP | 10 BARTELS PLACE<br>NEW ROCHELLE, NY | 0.10 WSW | - 19 | 121 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| N67 | UST<br>--3-025453<br>--0. Administratively closed<br>--3. Closed - Removed<br>--Unregulated | INDUSTRIAL OVERALL SERVICE COR | 10 BARTELLS PLACE<br>NEW ROCHELLE, NY 10801 | 0.10 WSW | - 19 | 124 |
| N68 | CBS<br>--Unregulated/Closed<br>--3-000235 | INDUSTRIAL OVERALL SERVICE COR | 10 BARTELS PLACE<br>NEW ROCHELLE, NY 10801 | 0.10 WSW | - 19 | 126 |
| N68 | SHWS<br>--413917<br>--Significant threat to the public health or environment - action required. | INDUSTRIAL OVERALL SERVICE COR | 10 BARTELS PLACE<br>NEW ROCHELLE, NY 10801 | 0.10 WSW | - 19 | 127 |
| N69 | RCRA-LQG<br>--NYR000208967 | NYSDEC-SITE 360109 INDUSTRIAL | 10 BARTELS PL<br>NEW ROCHELLE, NY 10801 | 0.10 WSW | - 19 | 133 |
| N70 | CBS AST | INDUSTRIAL OVERALL | 10 BARTELS PLACE<br>NEW ROCHELLE, NY 10801 | 0.10 WSW | - 19 | 139 |
| O71 | LTANKS<br>--1100723 / 2011-06-06<br>--448142<br>--2011-04-20 | COMMERCIAL PROPERTY | 522 MAIN STREET<br>NEW ROCHELLE, NY | 0.10 East | - 2 | 140 |
| Q72 | NY Spills<br>--9912617 / 2000-04-04<br>--254637<br>--2000-02-04 | UST | MEMORIAL HIGHWAY AND HUGU<br>NEW ROCHELLE, NY | 0.10 NNE | - 1 | 142 |
| Q73 | UST<br>--3-800626<br>--3. Closed - Removed<br>--Unregulated: <1101 gal. PBS | AVALON ON THE SOUND | HUGUENOT STREET AND MEMOR<br>NEW ROCHELLE, NY 10801 | 0.10 NNE | - 1 | 144 |
| R74 | NY Spills<br>--0314099 / 2004-03-25<br>--64285<br>--2004-03-25 | ON MAIN ST | BETWEEN MAPLE/CENTER AVE<br>NEW ROCHELLE, NY | 0.10 South | - 3 | 145 |
| R75 | RCRA NonGen / NLR<br>--NYP004464459 | CON EDISON TRANSFORMER MANHOLE | 595 MAIN ST<br>NEW ROCHELLE, NY 10804 | 0.11 SSW | - 7 | 147 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| R76 | RCRA NonGen / NLR<br>--NYP004357059 | CON EDISON TRANSFORMER MANHOLE | 592 MAIN ST<br>NEW ROCHELLE, NY 10804 | 0.11 South | - 5 | 148 |
| 77 | NY Spills<br>--8605124 / 1986-11-12<br>--137997<br>--1986-11-11 | N AMERICAN VAN LINES | NEW ENG THWAY MP5.4SB<br>NEW ROCHELLE, NY | 0.11 West | - 21 | 149 |
| 78 | NY Spills<br>--9711794 / 1998-01-21<br>--9711809 / 1998-01-21<br>--9111511 / 1992-03-10<br>--96160<br>--96161<br>--74696<br>*Additional key fields are available in the Map Findings section | MONA THERESA PIZZA | 599 MAIN STREET<br>NEW ROCHELLE, NY | 0.11 SSW | - 9 | 151 |
| S79 | NY Spills<br>--8903573 / 1989-07-19<br>--104107<br>--1989-07-10 | METRO NORTH TRAIN STATION | NEW HAVEN LINE &R/R PLAZA<br>NEW ROCHELLE, NY | 0.12 North | - 19 | 155 |
| S80 | NY Spills<br>--0308130 / 2004-07-16<br>--279322<br>--2003-10-31 | METRO NORTH TRACKS | EAST OF NEW ROCHELLE STAT<br>NEW ROCHELLE, NY | 0.12 North | - 19 | 157 |
| O81 | RCRA NonGen / NLR<br>--NYP004478624 | CON EDISON MANHOLE: 12758 | MAIN ST & CHURCH ST<br>NEW ROCHELLE, NY 10801 | 0.12 East | - 3 | 159 |
| O82 | RCRA NonGen / NLR<br>--NYP004364576 | CON EDISON TRANSFORMER MANHOLE | MAIN ST & CHRUCH ST<br>NEW ROCHELLE, NY 10801 | 0.12 East | - 3 | 160 |
| O83 | RCRA NonGen / NLR<br>--NYP004478517 | CON EDISON TRANSFORMER MANHOLE | CHURCH ST & MAIN ST<br>NEW ROCHELLE, NY 10802 | 0.12 East | - 3 | 161 |
| O84 | NY Spills<br>--0600054 / 2011-01-13<br>--361977<br>--2006-04-03 | COMMERCIAL PROPERTY | 518,522&525 MAIN STREET<br>NEW ROCHELLE, NY | 0.12 East | - 3 | 162 |
| T85 | RCRA NonGen / NLR<br>--NYD987019197 | NYSDOT BIN 1091390 | DIVISION ST OVER I 95<br>NEW ROCHELLE, NY 10803 | 0.12 NNW | - 21 | 164 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| T86 | NY Spills<br>--9803949 / 1998-06-29<br>--166821<br>--1998-06-29 | SPILL NUMBER 9803949 | MILEPOST 5.5 SB I95<br>NEW ROCHELLE, NY | 0.12 NNW | - 21 | 166 |
| U87 | NY Spills<br>--9002502 / 1990-06-05<br>--0811390 / 2009-03-24<br>--187065<br>--408966<br>--1990-06-04<br>--2009-01-15<br>*Additional key fields are available in the Map Findings section | STRUTIN RESIDENCE | 25 BARTELS PLACE<br>NEW ROCHELLE, NY | 0.12 WSW | - 27 | 168 |
| 88 | NY Spills<br>--1109466 / 2011-10-28<br>--457242<br>--2011-10-28 | CONCRETE TO STORM DRAIN | 25 LEROY PLACE<br>NEW ROCHELLE, NY | 0.12 SE | + 1 | 171 |
| 89 | LTANKS<br>--9110835 / 1992-03-10<br>--286303<br>--1992-01-17 | COMMERCIAL BUILDING | 507 MAIN STREET<br>NEW ROCHELLE, NY | 0.12 East | - 4 | 173 |
| V90 | RCRA NonGen / NLR<br>--NYP004517694 | CON EDISON SERVICE BOX: 3313 | CENTRE AVE & LEROY<br>NEW ROCHELLE, NY 10801 | 0.12 SSE | + 1 | 175 |
| V91 | RCRA NonGen / NLR<br>--NYP004475687 | CON EDISON SERVICE BOX: 3313 | LEROY PL & CENTER AVE<br>NEW ROCHELLE, NY 10802 | 0.12 SSE | + 1 | 177 |
| W92 | NY Spills<br>--9604099 / 2018-10-18<br>--121152<br>--1996-06-06 | RUSH MANUFACTURING | 381 HUGUENOT STREET<br>NEW ROCHELLE, NY | 0.12 SSW | - 10 | 178 |
| W93 | BROWNFIELDS<br>--544502 | THE HUGUENOT | 381-393 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | 0.12 SSW | - 10 | 180 |
| S94 | DRYCLEANERS | SOUND CLEANER | 63 MEMORIAL HWY<br>NEW ROCHELLE, NY 10801 | 0.12 North | - 17 | 188 |
| U95 | RCRA NonGen / NLR<br>--NYD986884732 | J B & FRANKS | 27 BARTELS PL<br>NEW ROCHELLE, NY 10801 | 0.12 WSW | - 29 | 189 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| 96 | BROWNFIELDS<br>--582599 | CHURCH-DIVISION STREET, TOWER | 26 SOUTH DIVISION STREET<br>NEW ROCHELLE, NY 10805 | 0.14 ESE | - 1 | 191 |
| X97 | LTANKS<br>--1706064 / 2019-02-15<br>--1605726 / 2019-02-15<br>--560365<br>--532284<br>--2017-09-21<br>--2016-09-07<br>*Additional key fields are available in the Map Findings section | LAWTON STREET REALTY CORP | 41-43 LAWTON ST<br>NEW ROCHELLE, NY | 0.14 NE | - 6 | 194 |
| Y98 | LTANKS<br>--0201697 / 2002-09-18<br>--1311408 / Not Reported<br>--306611<br>--492304<br>--2002-05-15<br>--2014-03-06<br>*Additional key fields are available in the Map Findings section | CITY NEW ROCHELLE LIBRARY | 1 LAWTON STREET<br>NEW ROCHELLE, NY | 0.15 ENE | - 6 | 197 |
| 99 | LTANKS<br>--0001835 / 2000-05-15<br>--205498<br>--2000-05-12 | 125 | CENTRE AVE<br>NEW ROCHELLE, NY | 0.15 SSE | + 0 | 201 |
| 100 | LTANKS<br>--9809866 / 2004-03-30<br>--278454<br>--1998-11-05 | DOMENICO PROCOPIO PROPERTY | 618 MAIN ST<br>NEW ROCHELLE, NY | 0.15 SSW | - 13 | 203 |
| Y101 | LTANKS<br>--8905129 / 1991-03-25<br>--299548<br>--1989-08-23 | BARCLAYS BANK OF NY/NA | 491 MAIN ST.<br>NEW ROCHELLE, NY | 0.15 ENE | - 6 | 205 |
| X102 | LTANKS<br>--9713843 / 1998-03-27<br>--273025<br>--1998-03-13 | MAIN LIBRARY | LAWTON ST<br>NEW ROCHELLE, NY | 0.16 NE | - 9 | 207 |
| 103 | LTANKS<br>--9111450 / 1992-02-06<br>--306853<br>--1992-02-06 | NEW ROCHELLE PUBLIC LIBR. | MEMORIAL HIGHWAY<br>NEW ROCHELLE, NY | 0.17 NE | - 7 | 209 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| 104 | LTANKS<br>--0204856 / 2003-10-03<br>--167332<br>--2002-08-07 | BLESSED SACREMENT CHURCH | 15 SHEA PL<br>NEW ROCHELLE, NY | 0.18 SSE | - 3 | 211 |
| 105 | LTANKS<br>--0204857 / 2003-10-03<br>--80066<br>--2002-08-07 | NEW ROCHELLE CATH MIDDLE | 24 MAPLE AV<br>NEW ROCHELLE, NY | 0.18 South | - 6 | 213 |
| 106 | LTANKS<br>--9206930 / 2005-03-11<br>--140421<br>--1992-09-16 | CUMBERLAND FARMS 70288 | 635 MAIN STREET<br>NEW ROCHELLE, NY | 0.18 SSW | - 15 | 215 |
| 107 | LTANKS<br>--8708588 / 1989-11-28<br>--135309<br>--1988-01-07 | CITIZEN | 33 GROVE ST<br>NEW ROCHELLE, NY | 0.19 West | - 11 | 217 |
| 108 | LTANKS<br>--0503023 / 2005-08-28<br>--347516<br>--2005-06-13 | CATHOLIC NEWS PUBLISHING | 210 NORTH AVE<br>NEW ROCHELLE, NY | 0.19 ENE | - 9 | 219 |
| Z109 | LTANKS<br>--0209171 / 2003-02-05<br>--157707<br>--2002-12-06 | CASARRA RESIDENCE | 9 BADEAU PL<br>NEW ROCHELLE, NY | 0.21 NW | + 4 | 221 |
| 110 | LTANKS<br>--8803214 / 1989-11-30<br>--9812584 / 1999-07-12<br>--9812585 / 1999-07-12<br>--68769<br>--68770<br>--68771<br>*Additional key fields are available in the Map Findings section | 5 ANDERSON ST | 5 ANDERSON ST<br>NEW ROCHELLE, NY | 0.21 NE | - 10 | 223 |
| AA111 | LTANKS<br>--0812107 / 2009-03-03<br>--0109254 / 2001-12-19<br>--409713<br>--150939<br>--2009-02-06<br>--2001-12-19<br>*Additional key fields are available in the Map Findings section | SPILL NUMBER 0109254 | 40 WARREN ST<br>NEW ROCHELLE, NY | 0.21 WNW | - 8 | 228 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| AA112 | LTANKS<br>--0500295 / 2005-08-28<br>--343230<br>--2005-04-07 | DIIORGI HOME | 47 WARREN STREET<br>NEW ROCHELLE, NY | 0.21 WNW | - 2 | 231 |
| 113 | LTANKS<br>--9504589 / 1997-04-15<br>--189169<br>--1995-07-17 | CO-OP | 30 CLINTON PLACE<br>NEW ROCHELLE, NY | 0.22 East | - 11 | 233 |
| AB114 | LTANKS<br>--1300960 / Not Reported<br>--481320<br>--2013-04-29 | BLESSED SACRAMENT HS | 24 SHEA PLACE<br>NEW ROCHELLE, NY | 0.22 South | - 9 | 235 |
| AB115 | LTANKS<br>--0400709 / 2004-07-06<br>--249284<br>--2004-04-21 | BLESSED SACRAMENT HIGH SC | 24 SHEA PLACE<br>NEW ROCHELLE, NY | 0.22 South | - 9 | 237 |
| AC116 | CORRACTS<br>--NYD075436394 | RUSH MANUFACTURING CORP | 10-12 PINE CT<br>NEW ROCHELLE, NY 10801 | 0.22 SW | - 44 | 239 |
| AC117 | LTANKS<br>--0200337 / 2003-12-09<br>--235436<br>--2002-04-10 | GKIDS REALTY | 10/12 PINE COURT<br>NEW ROCHELLE, NY | 0.22 SW | - 44 | 240 |
| 118 | LTANKS<br>--9603128 / 1996-06-14<br>--178537<br>--1996-06-05 | APT. BUILDING | 47 MAPLE AV<br>NEW ROCHELLE, NY | 0.22 South | - 12 | 242 |
| 119 | LTANKS<br>--0606014 / 2007-01-29<br>--369299<br>--2006-08-23 | PROFESSIONAL BUILDING COP | 421 HUGUENOT STREET<br>NEW ROCHELLE, NY | 0.23 SW | - 23 | 243 |
| Z120 | LTANKS<br>--9609269 / 1996-10-24<br>--177416<br>--1996-10-24 | RESIDENCE | 18 BADEAU PLACE<br>NEW ROCHELLE, NY | 0.23 NW | + 4 | 245 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| AD121 | LTANKS<br>--8704259 / 1987-11-20<br>--324974<br>--1987-08-02 | BLESSED SACRAMENT CHURCH | SHEA PLACE<br>NEW ROCHELLE, NY | 0.23 SSE | - 9 | 247 |
| AD122 | LTANKS<br>--0312650 / 2004-04-22<br>--267104<br>--2004-02-13 | APARTMENT HOUSE | 156 CENTRE AVE<br>NEW ROCHELLE, NY | 0.24 SSE | - 11 | 249 |
| AD123 | LTANKS<br>--1308221 / Not Reported<br>--488939<br>--2013-11-12 | FAILED TANK TEST | 156 CENTRE AVE<br>NEW ROCHELLE, NY | 0.24 SSE | - 11 | 251 |
| 124 | LTANKS<br>--0408510 / 2008-05-01<br>--333255<br>--2004-11-02 | RESIDENCE | 64 CHURCH ST<br>NEW ROCHELLE, NY | 0.24 ESE | - 14 | 254 |
| AE125 | BROWNFIELDS<br>--414661 | OFF-SITE FLAMINGO CLEANERS | 149 NORTH AVENUE<br>NEW ROCHELLE, NY 10801 | 0.24 East | - 11 | 256 |
| AE126 | BROWNFIELDS<br>--335220 | FLAMINGO CLEANERS | 149 NORTH AVE<br>NEW ROCHELLE, NY 10801 | 0.24 East | - 11 | 258 |
| AF127 | LTANKS<br>--8803234 / 1988-07-22<br>--60528<br>--1988-07-14 | NYNEX | 40 WASHINGTON AVE<br>GREENBUSH, NY | 0.24 NW | + 12 | 263 |
| 128 | LTANKS<br>--1107925 / 2013-02-05<br>--455637<br>--2011-09-21 | TANK TEST FAILURE | 50 WALNUT ST<br>NEW ROCHELLE, NY | 0.25 WNW | - 6 | 265 |
| 129 | BROWNFIELDS<br>--568962 | 14 LE COUNT STANDARD PRINTING | 14 LECOUNT PL, 207-211 NO<br>NEW ROCHELLE, NY 10801 | 0.25 ENE | - 11 | 267 |
| AF130 | LTANKS<br>--0302359 / 2003-12-12<br>--314440<br>--2003-06-05 | ST GABRIEL SCHOOL | 50 WASHINGTON AVE<br>NEW ROCHELLE, NY | 0.25 NW | + 10 | 270 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| AF131 | LTANKS --1903323 / Not Reported --591279 --2019-07-01 | ST GABRIEL HIGH SCHOOL | 50 WASHINGTON AVE NEW ROCHELLE, NY | 0.25 NW | + 10 | 272 |

# Sites Summary Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

TOTAL: 135 GEOCODED: 133 NON GEOCODED: 2

| Map ID | DB Type --ID/Status | Site Name | Address | Dist/Dir | ElevDiff | Page No. |
|---|---|---|---|---|---|---|
| | UST<br>--3-600387<br>--3. Closed - Removed<br>--Unregulated: <1101 gal. PBS | 323 & 327 HUGUENOT STREET | 323 & 327 HUGUENOT STREET<br>NEW ROCHELLE, NY 10801 | NON GC | N/A | N/A |
| | LTANKS<br>--1503111 / 2015-06-22<br>--509397<br>--2015-06-21 | MM 5.4 LEFT LANE | I-95 SOUTHBOUND<br>NEW ROCHELLE, NY | NON GC | N/A | N/A |

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S122479707 **DIST/DIR:** 0.000 **ELEVATION:** 100 **MAP ID:** A1

**NAME:** VINEK / KRACKO - USTS

**ADDRESS:** 316 HUGUENOT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1802819 / 2018-07-23
ID/Status: 571425
ID/Status: 2018-06-12

SPILLS:
Name: VINEK / KRACKO - USTS
Address: 316 HUGUENOT ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1802819 / 2018-07-23
Facility ID: 1802819
Facility Type: ER
DER Facility ID: 524548
Site ID: 571425
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B4
SWIS: 6010
Spill Date: 2018-06-12
Investigator: BTRANSOM
Referred To: Not reported
Reported to Dept: 2018-06-12
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2018-06-12
Spill Record Last Update: 2018-07-23
Spiller Name: Elliot Kracko
Spiller Company: Vinek Corp
Spiller Address: 316 HUGUEKNOT ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "6/12/18 North East Env. pulled 3 USTs - 550, 1000 previously abandoned, and 300 newly discovered tank. Tanks had holes, contaminated soil underneath 1000 and 300, and above the 550. No waterways on property. Property on municipal water. North East has started cleanup. ga 7-19-18 D. Monaco submitted closure report to DEC. Report is on D2. BTR 7-23-18 Closure report documents tank removal and remediation. 17.91 tons of petroleum impacted soil was removed from the rear of the structure (550 gallon tank). A total of 549.82 tons of petroleum impacted soil was removed from the front of the structure (1000 and 300 gallon tanks). Sample results are below

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S122479707 **DIST/DIR:** 0.000 **ELEVATION:** 100 **MAP ID:** A1

**NAME:** VINEK / KRACKO - USTS

**ADDRESS:** 316 HUGUENOT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1802819 / 2018-07-23
ID/Status: 571425
ID/Status: 2018-06-12

CP-51. NFA. BTR"
Remarks: "holes in tank 550 tank 1000 tank 300 tank removed clean up has started"

All Materials:
Site ID: 571425
Operable Unit ID: 1319254
Operable Unit: 01
Material ID: 2327236
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004187246 **DIST/DIR:** 0.003 North **ELEVATION:** 101 **MAP ID:** A2

**NAME:** CERUSSI AND VERE

**ADDRESS:** 306 HUGUENOT ST
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-078360
ID/Status: 0. Administratively closed
ID/Status: Administratively Closed

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: CERUSSI AND VERE
Address: 306 HUGUENOT ST
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-078360 / Administratively Closed
Operator Name: Not reported
Owner Name: Michael A Cerussi & F G Vere
Owner Street: 88 Woodlands Rd
Owner Address2: Not reported
Owner City: Harrison
Owner State: NY
Owner Zipcode: 10528
GDS Number: Not reported

Tank Number: 1
Status: 0. Administratively closed
Capacity: 1500
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 12/01/1986
Date Perm Closure: 12/01/2001
Tank Location: Not reported
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: Not reported
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 3. Gravity

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003995010 **DIST/DIR:** 0.013 NNW **ELEVATION:** 101 **MAP ID:** B3

**NAME:** TRINITY-ST. PAUL'S EPISCOPAL CHURCH

**ADDRESS:** 311 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-801006
ID/Status: 4. Closed - in place
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: TRINITY-ST. PAUL'S EPISCOPAL CHURCH
Address: 311 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-801006 / Unregulated: <1101 gal. PBS
Operator Name: Not reported
Owner Name: Trinity Episcopal Church
Owner Street: 311 Huguenot Street
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 1
Status: 4. Closed - in place
Capacity: 1500
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 03/23/2005
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 10. Copper
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106737602 **DIST/DIR:** 0.013 NNW **ELEVATION:** 101 **MAP ID:** B4

**NAME:** JONES RESIDENCE
**ADDRESS:** 311 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0410335 / 2005-09-11
ID/Status: 335236
ID/Status: 2004-12-17

LTANKS:
Name: JONES RESIDENCE
Address: 311 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0410335 / 2005-09-11
Facility ID: 0410335
Site ID: 335236
Spill Date: 2004-12-17
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: WCHD
Reported to Dept: 2004-12-17
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-12-17
Spill Record Last Update: 2005-09-11
Spiller Name: DARRYL JONES
Spiller Company: JONES RESIDENCE
Spiller Address: 311 HUGENOT STREET
Spiller County: 001
Spiller Contact: DARRYL JONES
Spiller Phone: (914) 632-5368
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 270458
DEC Memo: "12/21/04 PBS FACILITY: 3-801006. jbo September 11, 2005: TANK CLOSED IN PLACE. FIVE SAMPLES TAKEN, NO CONTAMINATION. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: "PBS No: 3-801006 "

All TTF:
Facility ID: 0410335
Spill Number: 0410335
Spill Tank Test: 1548406

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106737602 **DIST/DIR:** 0.013 NNW **ELEVATION:** 101 **MAP ID:** B4

**NAME:** JONES RESIDENCE

**ADDRESS:** 311 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0410335 / 2005-09-11
ID/Status: 335236
ID/Status: 2004-12-17

Site ID: 335236
Tank Number: 1
Tank Size: 1500
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 335236
Operable Unit ID: 1097307
Operable Unit: 01
Material ID: 577292
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104282704 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C5

**NAME:** CEMENT COURT YARD
**ADDRESS:** 54 CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9804849 / 2002-07-15
ID/Status: 9908117 / 1999-10-04
ID/Status: 114515
ID/Status: 114516
ID/Status: 1998-07-18

SPILLS:
Name: SPILL NUMBER 9804849
Address: 54 CENTER AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9804849 / 2002-07-15
Facility ID: 9804849
Facility Type: ER
DER Facility ID: 99871
Site ID: 114515
DEC Region: 3
Spill Cause: Deliberate
Spill Class: C4
SWIS: 6010
Spill Date: 1998-07-18
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-07-18
CID: 207
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-07-18
Spill Record Last Update: 2002-07-15
Spiller Name: Not reported
Spiller Company: NABER REALTY INC
Spiller Address: BOX 156H
Spiller Company: 001
Contact Name: CAPT DIMEGLIA
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "fd called to an odor of fuel oil in a residence- upon arrival in basement it appeared were working on the oil boiler and were pumping product into sewer thru sump pumps"

All Materials:
Site ID: 114515
Operable Unit ID: 1065894
Operable Unit: 01
Material ID: 319611

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104282704 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C5

**NAME:** CEMENT COURT YARD
**ADDRESS:** 54 CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9804849 / 2002-07-15
ID/Status: 9908117 / 1999-10-04
ID/Status: 114515
ID/Status: 114516
ID/Status: 1998-07-18

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: CEMENT COURT YARD
Address: 54 CENTER AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9908117 / 1999-10-04
Facility ID: 9908117
Facility Type: ER
DER Facility ID: 99871
Site ID: 114516
DEC Region: 3
Spill Cause: Human Error
Spill Class: C4
SWIS: 6010
Spill Date: 1999-10-04
Investigator: dxtraver
Referred To: Not reported
Reported to Dept: 1999-10-04
CID: 312
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-10-04
Spill Record Last Update: 1999-10-06
Spiller Name: Not reported
Spiller Company: CEMENT COURT YARD
Spiller Address: 54 CENTER AVE
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER 10/4/99 SPILLER CLEANED UP. NFA"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104282704 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C5

**NAME:** CEMENT COURT YARD
**ADDRESS:** 54 CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9804849 / 2002-07-15
ID/Status: 9908117 / 1999-10-04
ID/Status: 114515
ID/Status: 114516
ID/Status: 1998-07-18

Remarks: "BLDG SUPER OVERORDERED - CLEANED UP"

All Materials:
Site ID: 114516
Operable Unit ID: 1082403
Operable Unit: 01
Material ID: 555958
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 6.00
Units: G
Recovered: 6.00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105996855 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C6

**NAME:** APARTMENT BLDG
**ADDRESS:** 54 CENTRE AV
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0206558 / 2005-02-27
ID/Status: 0403405 / 2004-12-10
ID/Status: 254563
ID/Status: 84302
ID/Status: 2002-09-06

LTANKS:
Name: APARTMENT BLDG
Address: 54 CENTRE AV
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0206558 / 2005-02-27
Facility ID: 0206558
Site ID: 254563
Spill Date: 2002-09-06
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH D
Reported to Dept: 2002-09-24
CID: 390
Water Affected: Not reported
Spill Notifier: Health Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-09-24
Spill Record Last Update: 2005-02-27
Spiller Name: ENERITO GONZALEZ
Spiller Company: APARTMENT BLDG
Spiller Address: 54 CENTRE AV
Spiller County: 001
Spiller Contact: ENERITO GONZALEZ
Spiller Phone: (914) 309-2775
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 208499
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - SCHNEIDER 2/27/05 #4 overfill to surface--close "
Remarks: "spill was noticed on 9/6 - unk when it occurred"

All Materials:
Site ID: 254563
Operable Unit ID: 858169
Operable Unit: 01
Material ID: 517160
Material Code: 0002A

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105996855 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C6

**NAME:** APARTMENT BLDG
**ADDRESS:** 54 CENTRE AV
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0206558 / 2005-02-27
ID/Status: 0403405 / 2004-12-10
ID/Status: 254563
ID/Status: 84302
ID/Status: 2002-09-06

Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: APARTMENT BLDG
Address: 54 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0403405 / 2004-12-10
Facility ID: 0403405
Site ID: 84302
Spill Date: 2004-06-29
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH D
Reported to Dept: 2004-06-29
CID: 406
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-06-29
Spill Record Last Update: 2004-12-10
Spiller Name: BASSAM MABER
Spiller Company: APARTMENT BLDG
Spiller Address: 54 CENTRE AVE
Spiller County: 001
Spiller Contact: BASSAM MABER
Spiller Phone: (914) 645-6420
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 77542
DEC Memo: "12/10/04 PBS facility. Tank passed a retest after piping was repaired. Spill file closed by Danielle Jackson of the Westchester

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105996855 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C6

**NAME:** APARTMENT BLDG
**ADDRESS:** 54 CENTRE AV
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0206558 / 2005-02-27
ID/Status: 0403405 / 2004-12-10
ID/Status: 254563
ID/Status: 84302
ID/Status: 2002-09-06

County Health Dept. No further action is required at this time. jbo"
Remarks: "Tank Test Failure. Reccommend Retest."

All TTF:
Facility ID: 0403405
Spill Number: 0403405
Spill Tank Test: 1529391
Site ID: 84302
Tank Number: 1
Tank Size: 2000
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 84302
Operable Unit ID: 886824
Operable Unit: 01
Material ID: 490990
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003994353 **DIST/DIR:** 0.015 SSW **ELEVATION:** 98 **MAP ID:** C7

**NAME:** SEASONWEIN MANAGEMENT LLC

**ADDRESS:** 54 CENTRE AVENUE
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-169773
ID/Status: 1. In-Service
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: SEASONWEIN MANAGEMENT LLC
Address: 54 CENTRE AVENUE
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-169773 / Active
Operator Name: Matt Seasonwein
Owner Name: Seasonwein Management LLC
Owner Street: 300 Gramatan Avenue
Owner Address2: Not reported
Owner City: Mount Vernon
Owner State: NY
Owner Zipcode: 10552
GDS Number: Not reported

Tank Number: 1
Status: 1. In-Service
Capacity: 2000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1928
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 4. Double-Walled (underground only)
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ Steel/Iron
Piping External Protection: 0. None
Overfill Prevention: 5. Vent Whistle
Piping Secondary Containment: 0. None
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-VSQG

**EDR ID:** 1000338662 **DIST/DIR:** 0.018 South **ELEVATION:** 98 **MAP ID:** C8

**NAME:** CENTRE CLEANERS
**ADDRESS:** 62 CENTRE STREET
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD982531634

RCRA-VSQG:
Date form received by agency: 01/01/2007
Facility name: SIMONETTI CLEANERS
Facility address: 62 CENTRE ST
NEW ROCHELLE, NY 10801
EPA ID: NYD982531634
Mailing address: CENTRE ST
NEW ROCHELLE, NY 10801
Contact: KWANG YUN
Contact address: CENTRE ST
NEW ROCHELLE, NY 10801
Contact country: US
Contact telephone: 914-636-5350
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: KWANG YUN
Owner/operator address: 24 SUMMIT AVE
MOUNT VERNON, NY 10550
Owner/operator country: US
Owner/operator telephone: 914-665-0274
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-VSQG

**EDR ID:** 1000338662 **DIST/DIR:** 0.018 South **ELEVATION:** 98 **MAP ID:** C8

**NAME:** CENTRE CLEANERS
**ADDRESS:** 62 CENTRE STREET
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD982531634

Owner/operator name: KWANG YUN
Owner/operator address: 24 SUMMIT AVE
MOUNT VERNON, NY 10550
Owner/operator country: US
Owner/operator telephone: 914-665-0274
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SIMONETTI CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/21/1996
Site name: SIMONETTI CLEANERS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D007
. Waste name: CHROMIUM

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-VSQG

**EDR ID:** 1000338662 **DIST/DIR:** 0.018 South **ELEVATION:** 98 **MAP ID:** C8

**NAME:** CENTRE CLEANERS
**ADDRESS:** 62 CENTRE STREET
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD982531634

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

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

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

DRYCLEANERS

**EDR ID:** S106437149 **DIST/DIR:** 0.018 South **ELEVATION:** 98 **MAP ID:** C9

**NAME:** GREEN HEAVEN/CENTRE CLEANERS
**Rev:** 11/05/2018
ID/Status: 3-5510-00298

**ADDRESS:** 62 CENTRE AVE.
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

DRYCLEANERS:
Name: GREEN HEAVEN/CENTRE CLEANERS
Address: 62 CENTRE AVE.
City,State,Zip: NEW ROCHELLE, NY 10801
Facility ID: 3-5510-00298
Phone Number: 914-636-5350
Region: Not reported
Registration Effective Date: 9/24/2003 13:22:51:203
Inspection Date: 11SEP8
Install Date: 88/98
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF2000
Current Business: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176847 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C10

**NAME:** M.J. HACKER & SONS INC.

**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-137979
ID/Status: 3a. Closed - Prior to 04/1991
ID/Status: 8. Unregistered
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

WESTCHESTER CO. UST:
Name: M.J. HACKER & SONS INC.
Address: 64 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-137979 / Unregulated
Operator Name: Steve Mangels
Owner Name: Steve Mangels
Owner Street: 64 Centre Ave
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 001
Status: 3a. Closed - Prior to 04/1991
Capacity: 4000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 06/01/1973
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: Not reported
Piping Type: 2. Galvanized steel
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 002
Status: 3a. Closed - Prior to 04/1991
Capacity: 2000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 09/01/1980
Date Perm Closure: 01/01/1900

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176847 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C10

**NAME:** M.J. HACKER & SONS INC.

**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-137979
ID/Status: 3a. Closed - Prior to 04/1991
ID/Status: 8. Unregistered
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: Not reported
Piping Type: 2. Galvanized steel
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 003
Status: 8. Unregistered
Capacity: 500
Product Stored: 0022. Waste/Used Oil
Product Stored Percent: Not reported
Tank Leak Detection: Not reported
Date Installation: 01/01/1900
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Tank Secondary Containment: Not reported
Piping Location: Not reported
Piping Type: Not reported
Piping External Protection: Not reported
Overfill Prevention: Not reported
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: Not reported

Tank Number: 004
Status: 3. Closed - Removed
Capacity: 750
Product Stored: 0022. Waste/Used Oil
Product Stored Percent: Not reported
Tank Leak Detection: Not reported
Date Installation: 01/01/1900
Date Perm Closure: 05/12/2014
Tank Location: 5. Underground including vaulted with no access for inspection

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176847 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C10

**NAME:** M.J. HACKER & SONS INC.

**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-137979
ID/Status: 3a. Closed - Prior to 04/1991
ID/Status: 8. Unregistered
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Tank Secondary Containment: Not reported
Piping Location: Not reported
Piping Type: Not reported
Piping External Protection: Not reported
Overfill Prevention: Not reported
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: Not reported

Tank Number: 005
Status: 3. Closed - Removed
Capacity: Not reported
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1900
Date Perm Closure: 05/14/2014
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: Not reported
Piping Type: Not reported
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: 0. None
Spill Prevention: 0. None
Dispenser: Not reported

Tank Number: 4
Status: 3. Closed - Removed
Capacity: 550
Product Stored: 0022. Waste/Used Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 06/01/1979
Date Perm Closure: 03/06/2014
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176847 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C10

**NAME:** M.J. HACKER & SONS INC.

**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-137979
ID/Status: 3a. Closed - Prior to 04/1991
ID/Status: 8. Unregistered
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on Ground
Piping Type: 1. Steel/Carbon/ Steel/Iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: 0. None
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S116156733 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C11

**NAME:** COMMERCIAL PROPERTY
**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1308480 / 2015-04-28
ID/Status: 489220
ID/Status: 2013-11-20

LTANKS:
Name: COMMERCIAL PROPERTY
Address: 64 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1308480 / 2015-04-28
Facility ID: 1308480
Site ID: 489220
Spill Date: 2013-11-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2013-11-20
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2013-11-20
Spill Record Last Update: 2015-05-04
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: 64 CENTRE AVE
Spiller County: 999
Spiller Contact: STEVE MANGELS
Spiller Phone: (914) 632-2610
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 444316
DEC Memo: "11-20-13: Chris/WCHD call to V.Mc./Dispt.: Closed Unreg. PBS faciliy. Wayne/WCHD to handle. 11/20/2013 1:48:33 PM:: From Chris Lalak to Wayne Schneider via email:: Wayne, Former PBS site 3-137979 Expired in 1992 (removed gasoline tanks) TTF for Underground waste oil tank estimated as a 550 (Ullage leak and they plan to remove the tank.) The Facility is: M. Hacker and Sons. Please get them to register and deal with the TTF jod 04/23/15 HydroEnvironmental Solutions submitted a report documenting the installation of a temporary monitoring well in the location were the LUST was removed.

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S116156733 **DIST/DIR:** 0.020 South **ELEVATION:** 98 **MAP ID:** C11

**NAME:** COMMERCIAL PROPERTY
**ADDRESS:** 64 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1308480 / 2015-04-28
ID/Status: 489220
ID/Status: 2013-11-20

(See report in DecDocs) Trace levels of VOCs & SVOCs in the sample.
TG 4-28-15 closed NFA -RDB"
Remarks: ""

All Materials:
Site ID: 489220
Operable Unit ID: 1238809
Operable Unit: 01
Material ID: 2238759
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102674768 **DIST/DIR:** 0.021 North **ELEVATION:** 101 **MAP ID:** B12

**NAME:** SHORELINE OIL
**ADDRESS:** 296 HUGENOT ST,REAR OF
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8709425 / 1988-04-06
ID/Status: 83347
ID/Status: 1988-02-03

LTANKS:
Name: SHORELINE OIL
Address: 296 HUGENOT ST,REAR OF
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8709425 / 1988-04-06
Facility ID: 8709425
Site ID: 83347
Spill Date: 1988-02-03
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1988-04-06
SWIS: 6010
Investigator: dxtraver
Referred To: Not reported
Reported to Dept: 1988-02-05
CID: Not reported
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: 1988-05-02
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-02-10
Spill Record Last Update: 1988-05-05
Spiller Name: Not reported
Spiller Company: SHORELINE OIL
Spiller Address: 34 EVANS ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 76706
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER / / : SITE INSPECT:NO EVIDENCE OF CONTAMINATION FROM OUTSIDE LOCKED GATE. N.F.A. T.D. 05/03/88: NO EVIDENCE OF CONTAMINATION OBSERVED DURING INSPECTION. NFA. "
Remarks: "OIL INTO PRIVATE DRAIN, TO SUMP,TO SEWER,FROM CAPT.O'CONNOR NRFD(914-654-2215). COMPANY CLEANING UP. DEC TO INVESIGATE & VERIFY CLEAN UP. N.F.A. SEE UPDATE."

All Materials:
Site ID: 83347

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102674768 **DIST/DIR:** 0.021 North **ELEVATION:** 101 **MAP ID:** B12

**NAME:** SHORELINE OIL

**ADDRESS:** 296 HUGENOT ST,REAR OF
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8709425 / 1988-04-06
ID/Status: 83347
ID/Status: 1988-02-03

Operable Unit ID: 914524
Operable Unit: 01
Material ID: 464747
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1014398803 **DIST/DIR:** 0.022 SW **ELEVATION:** 96 **MAP ID:** C13

**NAME:** CON EDISON
**ADDRESS:** HUGUENOT ST & CENTRE ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004211728

RCRA NonGen / NLR:
Date form received by agency: 07/19/2010
Facility name: CON EDISON
Facility address: HUGUENOT ST & CENTRE ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004211728
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DONALD SENNO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000553730 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C14

**NAME:** NEW YORK TELEPHONE CO
**ADDRESS:** 342 HUGUENOT ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD986961605

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NEW YORK TELEPHONE CO
Facility address: 342 HUGUENOT ST
NEW ROCHELLE, NY 10801
EPA ID: NYD986961605
Mailing address: NINTH AVE
NEW YORK, NY 10001
Contact: CATHERINE ROM
Contact address: NINTH AVE
NEW YORK, NY 10001
Contact country: US
Contact telephone: 212-502-7694
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NEW YORK TELEPHONE CO
Owner/operator address: 342 HUGUENOT ST
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: 914-632-9964
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEW YORK TELEPHONE CO
Owner/operator address: 342 HUGUENOT ST
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: 914-632-9964
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000553730 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C14

**NAME:** NEW YORK TELEPHONE CO

**ADDRESS:** 342 HUGUENOT ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD986961605

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NEW YORK TELEPHONE CO
Classification: Not a generator, verified

Date form received by agency: 07/02/1991
Site name: NEW YORK TELEPHONE CO
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: X003
. Waste name: OTHER STATE REGULATED WASTES [i.e., DIESEL FUEL, GASOLINE AND HOME HEATING OIL]

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102660218 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C15

**NAME:** NYNEX LOCATION
**ADDRESS:** 342 HUEGNOT ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9708146 / 1997-10-10
ID/Status: 270876
ID/Status: 1997-10-10

LTANKS:
Name: NYNEX LOCATION
Address: 342 HUEGNOT ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9708146 / 1997-10-10
Facility ID: 9708146
Site ID: 270876
Spill Date: 1997-10-10
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1997-10-10
CID: 365
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-10-10
Spill Record Last Update: 1997-11-12
Spiller Name: RICH KALISTA
Spiller Company: BELL ATLANTIC
Spiller Address: 2203 MCCONNELL ST
Spiller County: 001
Spiller Contact: TOM MUFF
Spiller Phone: (914) 449-5321
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 220510
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "DOING AN UPGRADE FOR A NYNEX LOCATION AND REMOVING 2 UNDERGROUND TANKS FROM A BASEMENT - TANKS WERE ENCASED BY SAND & WHEN REMOVED THE SAND WAS CONTAMINATED - THEY HAVE REMOVED SAND."

All Materials:
Site ID: 270876
Operable Unit ID: 1051372
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102660218 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C15

**NAME:** NYNEX LOCATION
**ADDRESS:** 342 HUEGNOT ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9708146 / 1997-10-10
ID/Status: 270876
ID/Status: 1997-10-10

Material ID: 330133
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106867403 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C16

**NAME:** VERIZON

**ADDRESS:** 342 HUGUENOT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0413326 / 2005-09-11
ID/Status: 342403
ID/Status: 2005-03-22

SPILLS:
Name: VERIZON
Address: 342 HUGUENOT ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0413326 / 2005-09-11
Facility ID: 0413326
Facility Type: ER
DER Facility ID: 288752
Site ID: 342403
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 6010
Spill Date: 2005-03-22
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-03-22
CID: 406
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Tank Tester
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2005-03-22
Spill Record Last Update: 2005-09-11
Spiller Name: CLAUDIA
Spiller Company: VERIZON
Spiller Address: 342 HUGUENOT ST.
Spiller Company: 001
Contact Name: CLAUDIA
DEC Memo: "September 11, 2005: TANK PASSED A RETEST AFTER PIPING WAS REPAIRED.
BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED
AT THIS TIME. jod"
Remarks: "Tank is tight has a bad vent line. Will be replacing the vent line."

All TTF:
Facility ID: 0413326
Spill Number: 0413326
Spill Tank Test: 1548716
Site ID: 342403
Tank Number: 6

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106867403 **DIST/DIR:** 0.032 SW **ELEVATION:** 95 **MAP ID:** C16

**NAME:** VERIZON

**ADDRESS:** 342 HUGUENOT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0413326 / 2005-09-11
ID/Status: 342403
ID/Status: 2005-03-22

Tank Size: 6000
Material: 0008
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 342403
Operable Unit ID: 1101130
Operable Unit: 01
Material ID: 581261
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004175967 **DIST/DIR:** 0.034 South **ELEVATION:** 99 **MAP ID:** D17

**NAME:** 75 CENTRE AVENUE LLC

**ADDRESS:** 75 CENTRE AVENUE
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-800240
ID/Status: 3. Closed - Removed
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: 75 CENTRE AVENUE LLC
Address: 75 CENTRE AVENUE
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-800240 / Active
Operator Name: Dino Rentoulis
Owner Name: John & Dino Rentoulis
Owner Street: 52 North Central Ave.
Owner Address2: Not reported
Owner City: Elmsford
Owner State: NY
Owner Zipcode: 10523
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: Not reported
Date Installation: Not reported
Date Perm Closure: 11/01/2004
Tank Location: 6. Underground, vaulted, with access
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 0. No Pipiing
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 0. None

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003884840 **DIST/DIR:** 0.038 NE **ELEVATION:** 101 **MAP ID:** E18

**NAME:** NEW ROCHELLE IRISH BENEVOLENT SOCIETY
**ADDRESS:** 38 DIVISION STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-600097
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: NEW ROCHELLE IRISH BENEVOLENT SOCIETY
Address: 38 DIVISION STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-600097 / Unregulated
Operator Name: New Rochelle Irish Benevolent Society
Owner Name: New Rochelle Irish Benevolent Society
Owner Street: 38 Division Street
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 26051652
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1940
Date Perm Closure: 01/09/2015
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 6. Wrapped (Piping)
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on Ground
Piping Type: 10. Copper
Piping External Protection: 6. Wrapped (Piping)
Overfill Prevention: 5. Vent Whistle
Piping Secondary Containment: 0. None
Spill Prevention: 1. Catch Basin
Dispenser: 3. Gravity

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004308824 **DIST/DIR:** 0.040 SW **ELEVATION:** 95 **MAP ID:** F19

**NAME:** VERIZON NEW YORK INC. (NY96332)

**ADDRESS:** 342 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-184586
ID/Status: 3. Closed - Removed
ID/Status: 1. In-Service
ID/Status: Active

WESTCHESTER CO. UST:
Name: VERIZON NEW YORK INC. (NY96332)
Address: 342 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-184586 / Active
Operator Name: Verizon New York Inc.
Owner Name: Verizon New York Inc.
Owner Street: 140 West Street
Owner Address2: Not reported
Owner City: New York
Owner State: NY
Owner Zipcode: 10007
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 5000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1949
Date Perm Closure: 01/01/1990
Tank Location: Not reported
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: Not reported
Piping Location: 0. No Pipiing
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 2
Status: 3. Closed - Removed
Capacity: 5000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1949
Date Perm Closure: 11/01/1997

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004308824 **DIST/DIR:** 0.040 SW **ELEVATION:** 95 **MAP ID:** F19

**NAME:** VERIZON NEW YORK INC. (NY96332)

**ADDRESS:** 342 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-184586
ID/Status: 3. Closed - Removed
ID/Status: 1. In-Service
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: Not reported
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: Not reported
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

Tank Number: 3
Status: 3. Closed - Removed
Capacity: 5000
Product Stored: 0008. Diesel
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1949
Date Perm Closure: 11/01/1997
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: Not reported
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: Not reported
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

Tank Number: 4
Status: 3. Closed - Removed
Capacity: 550
Product Stored: 0008. Diesel
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1949
Date Perm Closure: 09/01/1997
Tank Location: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004308824 **DIST/DIR:** 0.040 SW **ELEVATION:** 95 **MAP ID:** F19

**NAME:** VERIZON NEW YORK INC. (NY96332)

**ADDRESS:** 342 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-184586
ID/Status: 3. Closed - Removed
ID/Status: 1. In-Service
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 1. Diking (aboveground only)
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

Tank Number: 6
Status: 1. In-Service
Capacity: 6000
Product Stored: 0008. Diesel
Product Stored Percent: Not reported
Tank Leak Detection: 1. Electronic Interstitial Monitoring
Date Installation: 11/01/1997
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection: 0. None
Tank External Protection: 4. Fiberglass
Tank Secondary Containment: 4. Double-Walled (underground only)
Piping Location: 2. Underground/on Ground
Piping Type: 11. Flexible Piping
Piping External Protection: 5. Jacketed,99. Other
Overfill Prevention: 2. High Level Alarm
Piping Secondary Containment: 4. Double-Walled (underground only)
Spill Prevention: 1. Catch Basin
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100494788 **DIST/DIR:** 0.040 NE **ELEVATION:** 101 **MAP ID:** E20

**NAME:** LILLIAN VERNON CO.
**ADDRESS:** WESTCHESTER PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9213055 / 1995-03-16
ID/Status: 201286
ID/Status: 1993-02-22

LTANKS:
Name: LILLIAN VERNON CO.
Address: WESTCHESTER PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9213055 / 1995-03-16
Facility ID: 9213055
Site ID: 201286
Spill Date: 1993-02-22
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1995-03-16
SWIS: 6010
Investigator: WXWADSWO
Referred To: Not reported
Reported to Dept: 1993-02-22
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-02-23
Spill Record Last Update: 1995-08-07
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 167465
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks: "TO HAVE MEETING TO DISCUSS FURTHER ACTION TANK IS BEING PUMPED DOWN TEMP TANK BEING SET UP AES SYSTEM II"

All TTF:
Facility ID: 9213055
Spill Number: 9213055
Spill Tank Test: 1541204

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100494788 **DIST/DIR:** 0.040 NE **ELEVATION:** 101 **MAP ID:** E20

**NAME:** LILLIAN VERNON CO.

**ADDRESS:** WESTCHESTER PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9213055 / 1995-03-16
ID/Status: 201286
ID/Status: 1993-02-22

Site ID: 201286
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 201286
Operable Unit ID: 977443
Operable Unit: 01
Material ID: 570289
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-VSQG

**EDR ID:** 1007204937 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G21

**NAME:** ERIC S TURNER & CO INC.

**ADDRESS:** 33-35 CENTRE AVE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD002015402

RCRA-VSQG:
Date form received by agency: 01/01/2007
Facility name: ERIC S TURNER & CO INC.
Facility address: 33-35 CENTRE AVE
NEW ROCHELLE, NY 10801-0000
EPA ID: NYD002015402
Mailing address: PO BOX #816
NEW ROCHELLE, NY 10801-0000
Contact: WILLIAM TURNER
Contact address: PO BOX #816
NEW ROCHELLE, NY 10801-0000
Contact country: US
Contact telephone: 914-235-7114
Telephone ext.: 9999
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

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

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-VSQG

**EDR ID:** 1007204937 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G21

**NAME:** ERIC S TURNER & CO INC.

**ADDRESS:** 33-35 CENTRE AVE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD002015402

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ERIC S TURNER & CO INC.
Classification: Small Quantity Generator

Date form received by agency: 03/18/2005
Site name: ERIC S TURNER & CO INC.
Classification: Large Quantity Generator

Date form received by agency: 03/21/1994
Site name: ERIC S TURNER & CO INC.
Classification: Large Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658091 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G22

**NAME:** CENTRE AVENUE DEVELOPMENT - SOUTH
**Rev:** 05/13/2019
ID/Status: 580085

**ADDRESS:** 33 CENTRE AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

BROWNFIELDS:
Name: CENTRE AVENUE DEVELOPMENT - SOUTH
Address: 33 CENTRE AVENUE
City,State,Zip: NEW ROCHELLE, NY 10801
Program: BCP
Site Code: 580085
Acres: 0.46
HW Code: C360182
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 12/03/2018
Record Updated Date: 01/22/2019
Update By: LSZINOMA
Site Description: Location The 0.46-acre rectangular-shaped site is located in an urban area in the Downtown District of the City of New Rochelle, New York and is identified as Section 2, Block 437, Lots 1, 3 and 42 on the Westchester County Tax Map. Lots 1 and 3 are identified by address 339 Huguenot Street and Lot 42 is identified by 33-35 Centre Avenue. The property is undergoing a lot merger in conjunction with development. The site is located on the northern part of the city block bordered by Centre Avenue to the north, Huguenot Street to the east, Columbus Avenue to the south, and Relyea Place to the west. The site is bordered to the south by multi-story residential and commercial buildings. Site Features The site encompasses an area of about 20,000 square feet (0.46 acres). Sidewalk elevations (el) generally increase from southwest to northeast and range from about el 87.3 to 97.2 feet referenced to the North American Vertical Datum of 1988 (NAVD88). The site is occupied by a one-story industrial building with a partial cellar occupied by an electroplating and metal-finishing business, and an open-air parking lot. Current Zoning and Land Use The site is located within the Downtown Business (DB) (eastern portion) and Light Industry (LI) (western portion) zoning districts. Permitted principal uses of DB districts include stores, retail, offices, and residential units located on the second floor and above only. Permitted principal uses of LI districts include manufacturers, offices, medical facilities and parking garages. The current zoning designation is consistent with the proposed development. The surrounding area includes commercial, industrial, residential and institutional buildings. Past Use of the Site Based on review of Sanborn fire insurance maps, Lots 1 and 3 were developed with dwellings between 1887 and 1951 and with a parking lot between 1990 and 2003. Lot 42 is shown as undeveloped land prior to 1931, as a garage in 1931, and subsequently developed with residential, commercial and industrial buildings. Lot 42 has been occupied by an

- Continued on next page -

BROWNFIELDS

**EDR ID:** S123658091 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G22

**NAME:** CENTRE AVENUE DEVELOPMENT - SOUTH
**Rev:** 05/13/2019
ID/Status: 580085

**ADDRESS:** 33 CENTRE AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

electroplating and metal-finishing business since 1971. The site is registered as a Conditionally Exempt Small Quantity Generator (CESQG) (Facility ID No.NYD002015402 [Eric S. Turner & Company, Inc.]). The site was historically listed as a Large Quantity Generator (LQG) and as a Small Quantity Generator (SGQ) for the generation of characteristic hazardous waste D001 (ignitable waste), D002 (corrosive waste), D005 (barium), D007 (chromium), D008 (lead), D039 (tetrachloroethene [PCE]), and U226 (1,1,1-trichloroethane [1,1,1-TCA]) between 1984 and 2004. The site is also identified as a New York State Department of Environmental Conservation (NYSDEC) Air Discharge Facility (Facility ID No. 3611900260 [Eric S. Turner & Company, Inc.]) for potential uncontrolled emissions less than 100 tons of total hazardous air pollutants per year. Site Geology and Hydrogeology According to the 1970 Geologic Map of New York Lower Hudson Sheet published by the University of the State of New York, the bedrock underlying the site is of the Hartland Formation, and is comprised primarily of basal amphibolite overlain by politic schists. Soil borings were advanced to explore the subsurface conditions during the 24 January 2018 Phase II Environmental Site Assessment by WCD Ground, LLC (WCD) and the 25 January 2018 Summary Report of Environmental Investigation by WCD. During the previous subsurface investigations at the site, historic fill was identified across the site from grade surface to depths ranging from 1 to 7.5 feet below grade surface (bgs). Historic fill was generally deeper on the eastern portion of the site. Historic fill predominately consisted of brown and black sand with varying amounts of gravel, brick, organic material, asphalt, metal and clay. Sand with varying amounts of silt, clay and gravel was observed beneath the historic fill. Regional groundwater flow direction for the area is estimated to the south-southwest. Groundwater underlying the site is reported to range from about 5 to 15 feet bgs across the site footprint.

Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.

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

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658091 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G22

**NAME:** CENTRE AVENUE DEVELOPMENT - SOUTH
**Rev:** 05/13/2019
ID/Status: 580085

**ADDRESS:** 33 CENTRE AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Daniel Hollander
Owner Company: Huguenot Partners LLC
Owner Address: c/o DHA Capital LLC
Owner Addr2: 154 Grand Street, Suite 4S03
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Rochelle Public Library
Owner Address: 1 Library Plaza
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Centre Avenue Associates LLC
Owner Address: 33 Centre Avenue
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: City of New Rochelle
Owner Address: 339 Huguenot Street
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Mimi Raygorodetsky
Owner Company: Langan Engineering
Owner Address: 21 Penn Plaza
Owner Addr2: 360 West 31st Street, 8th Floor
Owner City,St,Zip: New York, NY 10001
Owner Country: United States of America
HW Code: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658091 **DIST/DIR:** 0.040 WSW **ELEVATION:** 92 **MAP ID:** G22

**NAME:** CENTRE AVENUE DEVELOPMENT - SOUTH

**Rev:** 05/13/2019
ID/Status: 580085

**ADDRESS:** 33 CENTRE AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S107489335 **DIST/DIR:** 0.041 NE **ELEVATION:** 101 **MAP ID:** E23

**NAME:** VACANT LOT
**ADDRESS:** HUGUENOT ST/DIVISION ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0510542 / 2006-03-15
ID/Status: 356539
ID/Status: 2005-12-08

LTANKS:
Name: VACANT LOT
Address: HUGUENOT ST/DIVISION ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0510542 / 2006-03-15
Facility ID: 0510542
Site ID: 356539
Spill Date: 2005-12-08
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-12-08
CID: 407
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-12-08
Spill Record Last Update: 2006-03-15
Spiller Name: STEVE GRENS
Spiller Company: VACANT LOT
Spiller Address: HUGUENOT ST/DIVISION ST
Spiller County: 001
Spiller Contact: STEVE GRENS
Spiller Phone: (914) 806-5650
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 306600
DEC Memo: "March 15, 2006: BROOKSIDE ENVIRONMENTAL DISPOSED OF LUST AND 5.62 TONS OF CONTAMINATED SOIL. CLOSURE REPORT RECEIVED FROM AKRF. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: "Tank removal, tank size 1000 gallons."

All Materials:
Site ID: 356539
Operable Unit ID: 1113840
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S107489335 **DIST/DIR:** 0.041 NE **ELEVATION:** 101 **MAP ID:** E23

**NAME:** VACANT LOT

**ADDRESS:** HUGUENOT ST/DIVISION ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0510542 / 2006-03-15
ID/Status: 356539
ID/Status: 2005-12-08

Material ID: 2103900
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S108130430 **DIST/DIR:** 0.041 NE **ELEVATION:** 101 **MAP ID:** E24

**NAME:** ROAD

**ADDRESS:** HUGUENOT ST/DIVISION ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0606187 / 2006-09-03
ID/Status: 369495
ID/Status: 2006-08-29

SPILLS:
Name: ROAD
Address: HUGUENOT ST/DIVISION ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0606187 / 2006-09-03
Facility ID: 0606187
Facility Type: ER
DER Facility ID: 306600
Site ID: 369495
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6010
Spill Date: 2006-08-29
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2006-08-29
CID: 410
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-08-29
Spill Record Last Update: 2006-09-03
Spiller Name: JEFF CULLEN
Spiller Company: GC RELIABLE SERVICE COMPA
Spiller Address: 80 GROVE ST
Spiller Company: 001
Contact Name: WESTCHESTER FIRE CONTROL
DEC Memo: "DPW sanded road. No product to recover. jod"
Remarks: "SPILL SPANS FOR FIVE BLOCKS BETWEEN THE TWO STREETS GIVEN IN LOCATION: CLEANUP IN PROGRESS: DPW ON SCENE:"

All Materials:
Site ID: 369495
Operable Unit ID: 1127329
Operable Unit: 01
Material ID: 2116923
Material Code: 0001A
Material Name: #2 fuel oil

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S108130430 **DIST/DIR:** 0.041 NE **ELEVATION:** 101 **MAP ID:** E24

**NAME:** ROAD

**ADDRESS:** HUGUENOT ST/DIVISION ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0606187 / 2006-09-03
ID/Status: 369495
ID/Status: 2006-08-29

Case No.: Not reported
Material FA: Petroleum
Quantity: 60.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106123934 **DIST/DIR:** 0.042 South **ELEVATION:** 100 **MAP ID:** D25

**NAME:** COCO RESIDENCE
**ADDRESS:** 81 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0311339 / 2005-01-10
ID/Status: 313391
ID/Status: 2004-01-07

LTANKS:
Name: COCO RESIDENCE
Address: 81 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0311339 / 2005-01-10
Facility ID: 0311339
Site ID: 313391
Spill Date: 2004-01-07
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH D
Reported to Dept: 2004-01-07
CID: 403
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-01-07
Spill Record Last Update: 2005-01-10
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: ED COCO
Spiller Phone: (914) 961-8200
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 252696
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-JACKSON 01/10/05: Letter to Edward D. Coco, Centre-Main Associates from Danielle Jackson dated 9Feb2004(?). WCDOH requires NFA at this time."
Remarks: "Failed test. Unknown if the tank is leaking"

All TTF:
Facility ID: 0311339
Spill Number: 0311339
Spill Tank Test: 1528899

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106123934 **DIST/DIR:** 0.042 South **ELEVATION:** 100 **MAP ID:** D25

**NAME:** COCO RESIDENCE

**ADDRESS:** 81 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0311339 / 2005-01-10
ID/Status: 313391
ID/Status: 2004-01-07

Site ID: 313391
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 313391
Operable Unit ID: 878986
Operable Unit: 01
Material ID: 500153
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109206706 **DIST/DIR:** 0.046 ENE **ELEVATION:** 101 **MAP ID:** E26

**NAME:** CABLE
**ADDRESS:** 29 DIVISION STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0804961 / 2008-07-30
ID/Status: 401965
ID/Status: 2008-07-30

SPILLS:
Name: CABLE
Address: 29 DIVISION STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0804961 / 2008-07-30
Facility ID: 0804961
Facility Type: ER
DER Facility ID: 351170
Site ID: 401965
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: D4
SWIS: 6010
Spill Date: 2008-07-30
Investigator: jpcummin
Referred To: Not reported
Reported to Dept: 2008-07-30
CID: 444
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-07-30
Spill Record Last Update: 2008-07-31
Spiller Name: ERTSDESK
Spiller Company: CABLE
Spiller Address: 29 DIVISION STREET
Spiller Company: 001
Contact Name: ERTSDESK
DEC Memo: "SEE SP: 0804960. -- NFA"
Remarks: "8 OUNCES AND ON GOING AND WONT MAKE 2 HOUR CLEAN UP"

All Materials:
Site ID: 401965
Operable Unit ID: 1158737
Operable Unit: 01
Material ID: 2149827
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109206706 **DIST/DIR:** 0.046 ENE **ELEVATION:** 101 **MAP ID:** E26

**NAME:** CABLE

**ADDRESS:** 29 DIVISION STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0804961 / 2008-07-30
ID/Status: 401965
ID/Status: 2008-07-30

Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016962308 **DIST/DIR:** 0.047 NNE **ELEVATION:** 101 **MAP ID:** H27

**NAME:** CON EDISON - TRANSFORMER MANHOLE 1154
**ADDRESS:** DIVISION ST AND HUGENOT ST
NEW ROCHELLE, NY 10805
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004353199

RCRA-LQG:
Date form received by agency: 03/27/2014
Facility name: CON EDISON - TRANSFORMER MANHOLE 1154
Facility address: DIVISION ST AND HUGENOT ST
NEW ROCHELLE, NY 10805
EPA ID: NYP004353199
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2757
Contact email: HUACOND@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/29/2013
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016962308 **DIST/DIR:** 0.047 NNE **ELEVATION:** 101 **MAP ID:** H27

**NAME:** CON EDISON - TRANSFORMER MANHOLE 1154
**Rev:** 03/25/2019
ID/Status: NYP004353199

**ADDRESS:** DIVISION ST AND HUGENOT ST
NEW ROCHELLE, NY 10805
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/29/2013
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 09/29/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 1154
Classification: Not a generator, verified

Date form received by agency: 08/29/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 1154
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016962308 **DIST/DIR:** 0.047 NNE **ELEVATION:** 101 **MAP ID:** H27

**NAME:** CON EDISON - TRANSFORMER MANHOLE 1154

**ADDRESS:** DIVISION ST AND HUGENOT ST
NEW ROCHELLE, NY 10805
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004353199

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016678044 **DIST/DIR:** 0.047 NNE **ELEVATION:** 101 **MAP ID:** H28

**NAME:** CON EDISON MANHOLE: 1215
**ADDRESS:** HUGENOT AVE & DIVISION ST NE
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004317285

RCRA NonGen / NLR:
Date form received by agency: 06/30/2013
Facility name: CON EDISON MANHOLE: 1215
Facility address: HUGENOT AVE & DIVISION ST NE
COR
NEW ROCHELLE, NY 10801
EPA ID: NYP004317285
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: GINO FRABASILE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 05/30/2013
Site name: CON EDISON MANHOLE: 1215
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016961985 **DIST/DIR:** 0.047 NNE **ELEVATION:** 101 **MAP ID:** H29

**NAME:** CON EDISON TRANSFORMER MANHOLE: 1154
**ADDRESS:** DIVISION ST & HUGUENOT ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004349395

RCRA NonGen / NLR:
Date form received by agency: 09/21/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 1154
Facility address: DIVISION ST & HUGUENOT ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004349395
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS ROHRER
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 08/21/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 1154
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109413260 **DIST/DIR:** 0.048 NNE **ELEVATION:** 101 **MAP ID:** H30

**NAME:** RESIDENCE
**ADDRESS:** 129 DIVISON ST
TARRYTOWN, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0810056 / 2010-05-04
ID/Status: 407567
ID/Status: 2008-12-09

SPILLS:
Name: RESIDENCE
Address: 129 DIVISON ST
City,State,Zip: TARRYTOWN, NY
Spill Number/Closed Date: 0810056 / 2010-05-04
Facility ID: 0810056
Facility Type: ER
DER Facility ID: 356816
Site ID: 407567
DEC Region: 3
Spill Cause: Unknown
Spill Class: C4
SWIS: 6026
Spill Date: 2008-12-09
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2008-12-09
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2008-12-09
Spill Record Last Update: 2010-08-27
Spiller Name: Not reported
Spiller Company: 3RD PARTY SPILL
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ERT
DEC Memo: "12/09/2008: Con Ed reports that this location is the former GM site that was/is a Brownsfield site. Con Ed was laying a gas line when stained soils was found in the trench...ra 08/27/2010 See eDocs for Con Ed report detailing cleanup and closure DMP"
Remarks: "CALLER STATES THAT THEY RECIEVED A 3RD PARTY CALLL STATING THAT THEY FOUND AN UNK PETROLEUM PRODUCT DURING AN EXCAVATION. CLEAN UP IS PENDING."

All Materials:
Site ID: 407567
Operable Unit ID: 1164107

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109413260 **DIST/DIR:** 0.048 NNE **ELEVATION:** 101 **MAP ID:** H30

**NAME:** RESIDENCE

**ADDRESS:** 129 DIVISON ST
TARRYTOWN, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0810056 / 2010-05-04
ID/Status: 407567
ID/Status: 2008-12-09

Operable Unit: 01
Material ID: 2155468
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004274867 **DIST/DIR:** 0.049 SW **ELEVATION:** 94 **MAP ID:** F31

**NAME:** MAISON 347 LLC

**ADDRESS:** 347 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-502626
ID/Status: 1. In-Service
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: MAISON 347 LLC
Address: 347 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-502626 / Active
Operator Name: Maison 347 LLC
Owner Name: Maison 347 LLC
Owner Street: 347 Huguenot St
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 1
Status: 1. In-Service
Capacity: 2500
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 06/01/1995
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 3. Vault (w/ no access)
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ Steel/Iron
Piping External Protection: 0. None
Overfill Prevention: 4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Piping Secondary Containment: 0. None
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109206705 **DIST/DIR:** 0.053 East **ELEVATION:** 100 **MAP ID:** I32

**NAME:** CON EDISON

**ADDRESS:** 19 DIVISION ST & WASHINGTON AV
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0804960 / 2008-08-16
ID/Status: 401964
ID/Status: 2008-07-30

SPILLS:
Name: ARIEL CABLE
Address: 19 DIVISION STREET/WASHIN
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0804960 / 2008-08-16
Facility ID: 0804960
Facility Type: ER
DER Facility ID: 351169
Site ID: 401964
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6010
Spill Date: 2008-07-30
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2008-07-30
CID: 444
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-07-30
Spill Record Last Update: 2008-08-16
Spiller Name: ERTSDESK
Spiller Company: ARIEL CABLE
Spiller Address: 19 DIVISION STREET/WASHIN
Spiller Company: 001
Contact Name: ERTSDESK
DEC Memo: "CONTRACTOR ENROUTE"
Remarks: "6 OUNCES AND ONGOING AND CRW WILL BE ENROUTE"

All Materials:
Site ID: 401964
Operable Unit ID: 1158736
Operable Unit: 01
Material ID: 2149826
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109206705 **DIST/DIR:** 0.053 East **ELEVATION:** 100 **MAP ID:** I32

**NAME:** CON EDISON

**ADDRESS:** 19 DIVISION ST & WASHINGTON AV
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0804960 / 2008-08-16
ID/Status: 401964
ID/Status: 2008-07-30

Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S101341321 **DIST/DIR:** 0.058 East **ELEVATION:** 100 **MAP ID:** I33

**NAME:** COMM/RESIDENT. PROPERTY
**ADDRESS:** 15 DIVISION STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9405558 / 2005-02-10
ID/Status: 119901
ID/Status: 1994-07-25

LTANKS:
Name: COMM/RESIDENT. PROPERTY
Address: 15 DIVISION STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9405558 / 2005-02-10
Facility ID: 9405558
Site ID: 119901
Spill Date: 1994-07-25
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1994-07-25
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2005-02-10
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 104134
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST. Tank taken out of service by Royal Environmental. "
Remarks: "TANK TEST ON 7/21/94"

All TTF:
Facility ID: 9405558
Spill Number: 9405558
Spill Tank Test: 1542973

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S101341321 **DIST/DIR:** 0.058 East **ELEVATION:** 100 **MAP ID:** I33

**NAME:** COMM/RESIDENT. PROPERTY
**ADDRESS:** 15 DIVISION STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9405558 / 2005-02-10
ID/Status: 119901
ID/Status: 1994-07-25

Site ID: 119901
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 119901
Operable Unit ID: 1002771
Operable Unit: 01
Material ID: 382138
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000789726 **DIST/DIR:** 0.058 NNE **ELEVATION:** 101 **MAP ID:** H34

**NAME:** NYSDOT BIN 1049890

**ADDRESS:** DIVISION ST OVER METRO NORTH
NEW ROCHELLE, NY 10803
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987011897

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT BIN 1049890
Facility address: DIVISION ST OVER METRO NORTH
NEW ROCHELLE, NY 10803
EPA ID: NYD987011897
Mailing address: BURNETT BLVD
POUGHKEEPSIE, NY 12603
Contact: RICHARD MANNS
Contact address: BURNETT BLVD
POUGHKEEPSIE, NY 12603
Contact country: US
Contact telephone: 914-431-5743
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYSDOT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000789726 **DIST/DIR:** 0.058 NNE **ELEVATION:** 101 **MAP ID:** H34

**NAME:** NYSDOT BIN 1049890

**ADDRESS:** DIVISION ST OVER METRO NORTH
NEW ROCHELLE, NY 10803
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987011897

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYSDOT BIN 1049890
Classification: Not a generator, verified

Date form received by agency: 08/12/1992
Site name: NYSDOT BIN 1049890
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016965006 **DIST/DIR:** 0.059 West **ELEVATION:** 88 **MAP ID:** G35

**NAME:** CON EDISON TRANSFORMER MANHOLE: 4319
**Rev:** 03/25/2019
ID/Status: NYP004379020

**ADDRESS:** CENTRE AVE & RELYEA PL
NEW ROCHELLE, NY 10802
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA NonGen / NLR:
Date form received by agency: 11/23/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 4319
Facility address: CENTRE AVE & RELYEA PL
NEW ROCHELLE, NY 10802
EPA ID: NYP004379020
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 10/23/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 4319
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016963532 **DIST/DIR:** 0.059 West **ELEVATION:** 88 **MAP ID:** G36

**NAME:** CON EDISON TRANSFORMER MANHOLE: 4319
**Rev:** 03/25/2019
ID/Status: NYP004365318

**ADDRESS:** CENTRE AVE & RELYEA PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA NonGen / NLR:
Date form received by agency: 10/24/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 4319
Facility address: CENTRE AVE & RELYEA PL
NEW ROCHELLE, NY 10801
EPA ID: NYP004365318
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 09/24/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 4319
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1019909012 **DIST/DIR:** 0.060 SSE **ELEVATION:** 101 **MAP ID:** J37

**NAME:** CON EDISON
**ADDRESS:** 565 MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004880023

RCRA NonGen / NLR:
Date form received by agency: 12/16/2015
Facility name: CON EDISON
Facility address: 565 MAIN ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004880023
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 12/16/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106123770 **DIST/DIR:** 0.063 SSE **ELEVATION:** 100 **MAP ID:** J38

**NAME:** CENTRE-MAIN ASSOCIATES
**ADDRESS:** 75 - 77 CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0311823 / 2004-12-30
ID/Status: 149369
ID/Status: 2004-01-21

LTANKS:
Name: CENTRE-MAIN ASSOCIATES
Address: 75 - 77 CENTER AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0311823 / 2004-12-30
Facility ID: 0311823
Site ID: 149369
Spill Date: 2004-01-21
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH D
Reported to Dept: 2004-01-21
CID: 44
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-01-21
Spill Record Last Update: 2005-01-10
Spiller Name: ED
Spiller Company: Not reported
Spiller Address: 75 - 77 CENTER AVE
Spiller County: 001
Spiller Contact: ED
Spiller Phone: (914) 961-8200
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 127066
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-JACKSON 1/10/05: Letter to Edward D. Coco, Centre-Main Associates from Danielle Jackson, WCDOH dated 30Dec2004. WCDOH requires NFA at this time."
Remarks: "recommend, uncover repair and retest. Tank is bolted in basement."

All TTF:
Facility ID: 0311823
Spill Number: 0311823
Spill Tank Test: 1528926

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106123770 **DIST/DIR:** 0.063 SSE **ELEVATION:** 100 **MAP ID:** J38

**NAME:** CENTRE-MAIN ASSOCIATES

**ADDRESS:** 75 - 77 CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0311823 / 2004-12-30
ID/Status: 149369
ID/Status: 2004-01-21

Site ID: 149369
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 149369
Operable Unit ID: 877137
Operable Unit: 01
Material ID: 497066
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1004758604 **DIST/DIR:** 0.064 WSW **ELEVATION:** 90 **MAP ID:** G39

**NAME:** MR CHIMNEY CLEAN
**ADDRESS:** 32 RELYEA PL
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987011855

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MR CHIMNEY CLEAN
Facility address: 32 RELYEA PL
NEW ROCHELLE, NY 10801
EPA ID: NYD987011855
Mailing address: RELYEA PL
NEW ROCHELLE, NY 10801
Contact: MAURICE MCKENNA
Contact address: RELYEA PL
NEW ROCHELLE, NY 10801
Contact country: US
Contact telephone: 914-632-6660
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: NAUAL MOTION PICTURES
Owner/operator address: 270 MAIN ST
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: 914-632-2406
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAUAL MOTION PICTURES
Owner/operator address: 270 MAIN ST
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: 914-632-2406
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1004758604 **DIST/DIR:** 0.064 WSW **ELEVATION:** 90 **MAP ID:** G39

**NAME:** MR CHIMNEY CLEAN
**ADDRESS:** 32 RELYEA PL
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987011855

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MR CHIMNEY CLEAN
Classification: Not a generator, verified

Date form received by agency: 06/01/1994
Site name: MR CHIMNEY CLEAN
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004259541 **DIST/DIR:** 0.065 SSE **ELEVATION:** 100 **MAP ID:** J40

**NAME:** MISR REALTY, LLC

**ADDRESS:** 573-579 MAIN STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-800238
ID/Status: 3. Closed - Removed
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: MISR REALTY, LLC
Address: 573-579 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-800238 / Active
Operator Name: Pedro Benoit
Owner Name: MISR Realty LLC
Owner Street: 542 Main Street, 4th Floor
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: Not reported
Date Installation: Not reported
Date Perm Closure: 11/01/2004
Tank Location: 6. Underground, vaulted, with access
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 0. No Pipiing
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 0. None

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S116156116 **DIST/DIR:** 0.066 West **ELEVATION:** 88 **MAP ID:** 41

**NAME:** APPAREL PLUS
**ADDRESS:** 27 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1309988 / 2014-01-14
ID/Status: 490810
ID/Status: 2014-01-14

SPILLS:
Name: APPAREL PLUS
Address: 27 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1309988 / 2014-01-14
Facility ID: 1309988
Facility Type: ER
DER Facility ID: 445839
Site ID: 490810
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6010
Spill Date: 2014-01-14
Investigator: DXWEITZ
Referred To: Not reported
Reported to Dept: 2014-01-14
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2014-01-14
Spill Record Last Update: 2014-01-14
Spiller Name: CHRIS LALAK
Spiller Company: APPAREL PLUS LAUNDRY
Spiller Address: 27 CENTRE AVE
Spiller Company: 999
Contact Name: CHRIS LALAK
DEC Memo: "1/14/14 Chris Lalak from WCHD called and said that this was motor oil from a truck in the parking lot. People at the laundry did the cleanup. According to Chris Lalak, the spill can be closed. They were there for other reasons. NFA dw"
Remarks: "loss to sewer. c/u in progress"

All Materials:
Site ID: 490810
Operable Unit ID: 1240364
Operable Unit: 01
Material ID: 2240510

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S116156116 **DIST/DIR:** 0.066 West **ELEVATION:** 88 **MAP ID:** 41

**NAME:** APPAREL PLUS

**ADDRESS:** 27 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1309988 / 2014-01-14
ID/Status: 490810
ID/Status: 2014-01-14

Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1004759815 **DIST/DIR:** 0.066 SW **ELEVATION:** 93 **MAP ID:** K42

**NAME:** FIRST METRO SERVICES
**ADDRESS:** 357 HUGONOT ST
NEW ROCHELLE, NY 10805
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYR000022053

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: FIRST METRO SERVICES
Facility address: 357 HUGONOT ST
NEW ROCHELLE, NY 10805
EPA ID: NYR000022053
Mailing address: S DIVISION ST
NEW ROCHELLE, NY 10805
Contact: BILL LIVANOS
Contact address: S DIVISION ST
NEW ROCHELLE, NY 10805
Contact country: US
Contact telephone: 914-576-7210
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: LEO SATALICH
Owner/operator address: 19 LYON PL
NEW ROCHELLE, NY 10805
Owner/operator country: US
Owner/operator telephone: 914-632-9692
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LEO SATALICH
Owner/operator address: 19 LYON PL
NEW ROCHELLE, NY 10805
Owner/operator country: US
Owner/operator telephone: 914-632-9692
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1004759815 **DIST/DIR:** 0.066 SW **ELEVATION:** 93 **MAP ID:** K42

**NAME:** FIRST METRO SERVICES
**ADDRESS:** 357 HUGONOT ST
NEW ROCHELLE, NY 10805
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYR000022053

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: FIRST METRO SERVICES
Classification: Not a generator, verified

Date form received by agency: 04/09/1996
Site name: FIRST METRO SERVICES
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D006
. Waste name: CADMIUM

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

DRYCLEANERS

**EDR ID:** S110246761 **DIST/DIR:** 0.067 SSE **ELEVATION:** 102 **MAP ID:** J43

**NAME:** HANGERS CLEANERS
**ADDRESS:** 562-564 MAIN STREET
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 11/05/2018
ID/Status: 3-5510-00358

DRYCLEANERS:
Name: HANGERS CLEANERS
Address: 562-564 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Facility ID: 3-5510-00358
Phone Number: 914-235-0300
Region: Not reported
Registration Effective Date: 9/24/2003 13:22:51:203
Inspection Date: 04MAR23
Install Date: 02
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: CO2
Current Business: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003884000 **DIST/DIR:** 0.068 SE **ELEVATION:** 102 **MAP ID:** J44

**NAME:** BLOOMINGDALE PARKING LOT

**ADDRESS:** 554 MAIN ST
NEW ROCHELLE, NY 10802

**Rev:** 06/24/2019
ID/Status: 3-600330
ID/Status: 4. Closed - in place
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: BLOOMINGDALE PARKING LOT
Address: 554 MAIN ST
City,State,Zip: NEW ROCHELLE, NY 10802
Id/Status: 3-600330 / Unregulated: <1101 gal. PBS
Operator Name: Mel Watson
Owner Name: Fraydun Enterprises
Owner Street: 3 New York Plaza
Owner Address2: Not reported
Owner City: New York
Owner State: NY
Owner Zipcode: 10004
GDS Number: Not reported

Tank Number: 1
Status: 4. Closed - in place
Capacity: 10000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 08/01/1992
Date Perm Closure: Not reported
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 0. No Pipiing
Piping Type: 0. No Pippping
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 2
Status: 4. Closed - in place
Capacity: 550
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 08/01/1992
Date Perm Closure: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003884000 **DIST/DIR:** 0.068 SE **ELEVATION:** 102 **MAP ID:** J44

**NAME:** BLOOMINGDALE PARKING LOT

**ADDRESS:** 554 MAIN ST
NEW ROCHELLE, NY 10802

**Rev:** 06/24/2019
ID/Status: 3-600330
ID/Status: 4. Closed - in place
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 0. No Pipiing
Piping Type: 0. No Pippping
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1019901339 **DIST/DIR:** 0.068 SSE **ELEVATION:** 100 **MAP ID:** J45

**NAME:** CON EDISON
**ADDRESS:** CENTRE & MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004760815

RCRA NonGen / NLR:
Date form received by agency: 03/31/2015
Facility name: CON EDISON
Facility address: CENTRE & MAIN ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004760815
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 03/31/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016677840 **DIST/DIR:** 0.068 SSE **ELEVATION:** 100 **MAP ID:** J46

**NAME:** CON EDISON TRANSFORMER MANHOLE: 2750
**Rev:** 03/25/2019
ID/Status: NYP004315198

**ADDRESS:** CENTRE AVE & MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA NonGen / NLR:
Date form received by agency: 06/21/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 2750
Facility address: CENTRE AVE & MAIN ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004315198
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS ROHRER
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 05/21/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 2750
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004240676 **DIST/DIR:** 0.068 East **ELEVATION:** 99 **MAP ID:** I47

**NAME:** RPM REALTY INC

**ADDRESS:** 9-15 DIVISION STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-166189
ID/Status: 3. Closed - Removed
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: RPM REALTY INC
Address: 9-15 DIVISION STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-166189 / Active
Operator Name: Gary Garafolo
Owner Name: RPM Realty Inc.
Owner Street: PO Box 817
Owner Address2: Not reported
Owner City: Katonah
Owner State: NY
Owner Zipcode: 10536
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 4. Groundwater Well
Date Installation: Not reported
Date Perm Closure: 06/17/1997
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 0. No Pippping
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S105142028 **DIST/DIR:** 0.068 SSE **ELEVATION:** 101 **MAP ID:** J48

**NAME:** QUEEN CITY SUPER BUFFET
**ADDRESS:** 566 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0105975 / 2001-09-05
ID/Status: 182891
ID/Status: 2001-09-04

SPILLS:
Name: QUEEN CITY SUPER BUFFET
Address: 566 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0105975 / 2001-09-05
Facility ID: 0105975
Facility Type: ER
DER Facility ID: 153226
Site ID: 182891
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: D4
SWIS: 6010
Spill Date: 2001-09-04
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2001-09-04
CID: 312
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-09-04
Spill Record Last Update: 2001-09-25
Spiller Name: Not reported
Spiller Company: QUEEN CITY SUPER BUFFET
Spiller Address: 566 MAIN ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCDOH "
Remarks: "PLUMBING PROBLEM - MANAGEMENT PUMPED IT INTO THE STREET - CITIZEN NOTICED THE HUMAN EXCRIMENT AND CALLED THE PD - PD & FD THERE - VINCENT MCCABE ADVISED"

All Materials:
Site ID: 182891
Operable Unit ID: 844419
Operable Unit: 01
Material ID: 530861

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S105142028 **DIST/DIR:** 0.068 SSE **ELEVATION:** 101 **MAP ID:** J48

**NAME:** QUEEN CITY SUPER BUFFET

**ADDRESS:** 566 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0105975 / 2001-09-05
ID/Status: 182891
ID/Status: 2001-09-04

Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1019906923 **DIST/DIR:** 0.069 SE **ELEVATION:** 101 **MAP ID:** L49

**NAME:** CON EDISON
**ADDRESS:** 552 MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004828044

RCRA NonGen / NLR:
Date form received by agency: 08/21/2015
Facility name: CON EDISON
Facility address: 552 MAIN ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004828044
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 08/21/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152290 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L50

**NAME:** LILLIAN VERNON CORP.

**ADDRESS:** 543 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9212475 / 2004-05-12
ID/Status: 125220
ID/Status: 1993-02-03

SPILLS:
Name: LILLIAN VERNON CORP.
Address: 543 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9212475 / 2004-05-12
Facility ID: 9212475
Facility Type: ER
DER Facility ID: 108333
Site ID: 125220
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 6010
Spill Date: 1993-02-03
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1993-02-03
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2004-05-19
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 5/18/04: Letter to Geoffrey J. Weir, Bluegill Realty, LLC, 250 West 30th Street, NY,NY 10001 from Karen Magnuson, WCDOH dated 12May2004. Closure report by Ambient Group has been reviewed. Results of soil and groundwater samples were satisfactory. WCDOH recommends NFA at this time. See also spill #0308082."
Remarks: "FUEL OIL LINE HAS PIN HOLE LEAK DISCOVERED IN EXCAVATION BY EMER.ENVIRO. SERVICE TODAY REMOTE FILL LINE 2 VERY BADLY PITTED AND CORRODED WILL DRILL WELL 2/4/93"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152290 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L50

**NAME:** LILLIAN VERNON CORP.

**ADDRESS:** 543 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9212475 / 2004-05-12
ID/Status: 125220
ID/Status: 1993-02-03

All Materials:
Site ID: 125220
Operable Unit ID: 976940
Operable Unit: 01
Material ID: 402326
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102152290 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L50

**NAME:** LILLIAN VERNON CORP.

**ADDRESS:** 543 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308082 / 2004-05-12
ID/Status: 94435
ID/Status: 2003-07-14

LTANKS:
Name: BLUE GILL REALTY
Address: 543 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0308082 / 2004-05-12
Facility ID: 0308082
Site ID: 94435
Spill Date: 2003-07-14
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2003-10-30
CID: 252
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-30
Spill Record Last Update: 2004-05-19
Spiller Name: JEFF WEIR
Spiller Company: BLUE GILL REALTY
Spiller Address: 543 MAIN ST
Spiller County: 001
Spiller Contact: JEFF WEIR
Spiller Phone: (646) 435-8110
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 84546
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - MAGNUSON 5/18/04: Letter to Geoffrey J. Weir, Bluegill Realty, LLC, 250 West 30th Street, NY,NY 10001 from Karen Magnuson, WCDOH dated 12May2004. Closure report by Ambient Group has been reviewed. Results of soil and groundwater samples were satisfactory. WCDOH recommends NFA at this time. See also spill #9212475. Letter has PBS #3-801106."
Remarks: "TANK HAS BEEN REMOVED."

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102152290 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L50

**NAME:** LILLIAN VERNON CORP.

**ADDRESS:** 543 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308082 / 2004-05-12
ID/Status: 94435
ID/Status: 2003-07-14

All TTF:
Facility ID: 0308082
Spill Number: 0308082
Spill Tank Test: 1528780
Site ID: 94435
Tank Number: 1
Tank Size: 2500
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 94435
Operable Unit ID: 876585
Operable Unit: 01
Material ID: 501599
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003994286 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L51

**NAME:** 543 MAIN STREET

**ADDRESS:** 543 MAIN STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-801106
ID/Status: 3. Closed - Removed
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: 543 MAIN STREET
Address: 543 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-801106 / Unregulated: <1101 gal. PBS
Operator Name: Paul Risse
Owner Name: Bluegill Realty, LLC
Owner Street: 250 West 30th Street
Owner Address2: Not reported
Owner City: NY
Owner State: NY
Owner Zipcode: 10001
GDS Number: Not reported

Tank Number: 001
Status: 3. Closed - Removed
Capacity: 2500
Product Stored: 0008. Diesel
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 10/07/2003
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 10. Copper
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003994695 **DIST/DIR:** 0.070 ESE **ELEVATION:** 100 **MAP ID:** L52

**NAME:** LILLIAN VERNON CORPORATION

**ADDRESS:** 543-549 MAIN STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-600279
ID/Status: 3. Closed - Removed
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: LILLIAN VERNON CORPORATION
Address: 543-549 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-600279 / Unregulated: <1101 gal. PBS
Operator Name: Joseph F. Dimicco
Owner Name: Lillian Vernon Corp.
Owner Street: 510 South Fulton Ave
Owner Address2: Not reported
Owner City: Mount Vernon
Owner State: NY
Owner Zipcode: 10550
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: Not reported
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 10. Copper
Piping External Protection: 0. None
Overfill Prevention: 5. Vent Whistle
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 3. Gravity

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S107489194 **DIST/DIR:** 0.077 ESE **ELEVATION:** 100 **MAP ID:** L53

**NAME:** OFFICE BLDG
**ADDRESS:** 542 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0509995 / 2006-03-22
ID/Status: 355877
ID/Status: 2005-11-21

LTANKS:
Name: OFFICE BLDG
Address: 542 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0509995 / 2006-03-22
Facility ID: 0509995
Site ID: 355877
Spill Date: 2005-11-21
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WCDOH
Reported to Dept: 2005-11-21
CID: 407
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-11-21
Spill Record Last Update: 2006-03-22
Spiller Name: UNKNOWN
Spiller Company: OFFICE BLDG
Spiller Address: 542 MAIN STREET
Spiller County: 001
Spiller Contact: UNKNOWN
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 305921
DEC Memo: "March 22, 2006 PBS SITE. TANK PASSED RETEST. SPILL FILE CLOSED BY DANIELLE JACKSON OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: ""

All TTF:
Facility ID: 0509995
Spill Number: 0509995
Spill Tank Test: 1549528
Site ID: 355877

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S107489194 **DIST/DIR:** 0.077 ESE **ELEVATION:** 100 **MAP ID:** L53

**NAME:** OFFICE BLDG

**ADDRESS:** 542 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0509995 / 2006-03-22
ID/Status: 355877
ID/Status: 2005-11-21

Tank Number: 1
Tank Size: 3000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 355877
Operable Unit ID: 1113209
Operable Unit: 01
Material ID: 2103275
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003917838 **DIST/DIR:** 0.077 ESE **ELEVATION:** 100 **MAP ID:** L54

**NAME:** 542 MAIN STREET LLC

**ADDRESS:** 542 MAIN STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-800617
ID/Status: 1. In-Service
ID/Status: Active

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: 542 MAIN STREET LLC
Address: 542 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-800617 / Active
Operator Name: Cornell Pace Inc.
Owner Name: 542 Main Street LLC
Owner Street: 542 Main Street, 2nd Floor
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 001
Status: 1. In-Service
Capacity: 3000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1904
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 2. Rubber liner
Tank External Protection: 0. None
Tank Secondary Containment: 1. Diking (aboveground only)
Piping Location: 2. Underground/on Ground
Piping Type: 1. Steel/Carbon/ Steel/Iron
Piping External Protection: 0. None
Overfill Prevention: 5. Vent Whistle
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104648843 **DIST/DIR:** 0.080 ESE **ELEVATION:** 99 **MAP ID:** M55

**NAME:** 535 MAIN ST ASSOCIATION
**ADDRESS:** 535 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9900400 / 1999-07-09
ID/Status: 9415294 / 1995-03-03
ID/Status: 81102
ID/Status: 251083
ID/Status: 1999-04-08

SPILLS:
Name: SPILL NUMBER 9900400
Address: 535 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9900400 / 1999-07-09
Facility ID: 9900400
Facility Type: ER
DER Facility ID: 75076
Site ID: 81102
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6010
Spill Date: 1999-04-08
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 1999-04-12
CID: 312
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-04-12
Spill Record Last Update: 2004-02-24
Spiller Name: MR GOLDBERG
Spiller Company: MR GOLDBERG
Spiller Address: Not reported
Spiller Company: 001
Contact Name: MR GOLDBERG
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 7/9/99 SPILL CLEANED BY TOWN & COUNTRYF OIL. NFA"
Remarks: "FAULTY VENT ALARM - SPILLED LESS THAN 1 GAL - CLEANED UP - TENANTS STILL COMPLAINING OF ODORS"

All Materials:
Site ID: 81102
Operable Unit ID: 1075164
Operable Unit: 01
Material ID: 307538
Material Code: 0001A

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104648843 **DIST/DIR:** 0.080 ESE **ELEVATION:** 99 **MAP ID:** M55

**NAME:** 535 MAIN ST ASSOCIATION
**ADDRESS:** 535 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9900400 / 1999-07-09
ID/Status: 9415294 / 1995-03-03
ID/Status: 81102
ID/Status: 251083
ID/Status: 1999-04-08

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 535 MAIN ST ASSOCIATION
Address: 535 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9415294 / 1995-03-03
Facility ID: 9415294
Facility Type: ER
DER Facility ID: 205781
Site ID: 251083
DEC Region: 3
Spill Cause: Human Error
Spill Class: D4
SWIS: 6010
Spill Date: 1995-02-17
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1995-02-22
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 1995-03-03
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2003-12-02
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "DRIVER DID NOT HEAR VENT ALARM AND OVERFILLED TANK REGENT OIL

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104648843 **DIST/DIR:** 0.080 ESE **ELEVATION:** 99 **MAP ID:** M55

**NAME:** 535 MAIN ST ASSOCIATION

**ADDRESS:** 535 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9900400 / 1999-07-09
ID/Status: 9415294 / 1995-03-03
ID/Status: 81102
ID/Status: 251083
ID/Status: 1999-04-08

CLEANED UP"

All Materials:
Site ID: 251083
Operable Unit ID: 1012611
Operable Unit: 01
Material ID: 370473
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S118460140 **DIST/DIR:** 0.080 ESE **ELEVATION:** 99 **MAP ID:** M56

**NAME:** SIDNEY FURNITURE
**ADDRESS:** 535 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1509029 / 2015-12-04
ID/Status: 517634
ID/Status: 2015-12-03

SPILLS:
Name: SIDNEY FURNITURE
Address: 535 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1509029 / 2015-12-04
Facility ID: 1509029
Facility Type: ER
DER Facility ID: 75076
Site ID: 517634
DEC Region: 3
Spill Cause: Unknown
Spill Class: D5
SWIS: 6010
Spill Date: 2015-12-03
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2015-12-04
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2015-12-04
Spill Record Last Update: 2015-12-04
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: MICHELLE GUERRERO
DEC Memo: "12/04/15: Caller states she is at work, states she is pregnant, and states that they were working on the furnace and there was a small oil spill. She wanted to know if oil spills are hazardous. I was in the process of answering her questions and she hung up. Westchester County Dept of Health notified. No further DEC action. jod"
Remarks: "Caller advised aprx 1/2 gal of oil spilled onto carpet. Clean up is pending. Caller is requesting a call back"

All Materials:
Site ID: 517634
Operable Unit ID: 1266703

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S118460140 **DIST/DIR:** 0.080 ESE **ELEVATION:** 99 **MAP ID:** M56

**NAME:** SIDNEY FURNITURE

**ADDRESS:** 535 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1509029 / 2015-12-04
ID/Status: 517634
ID/Status: 2015-12-03

Operable Unit: 01
Material ID: 2270652
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .50
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1019325947 **DIST/DIR:** 0.082 ESE **ELEVATION:** 99 **MAP ID:** M57

**NAME:** CON EDISON - TRANSFORMER MANHOLE 3307
**Rev:** 03/25/2019
ID/Status: NYP004872319

**ADDRESS:** DIVISION ST & MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA-LQG:
Date form received by agency: 02/26/2016
Facility name: CON EDISON - TRANSFORMER MANHOLE 3307
Facility address: DIVISION ST & MAIN ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004872319
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/23/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1019325947 **DIST/DIR:** 0.082 ESE **ELEVATION:** 99 **MAP ID:** M57

**NAME:** CON EDISON - TRANSFORMER MANHOLE 3307
**Rev:** 03/25/2019
ID/Status: NYP004872319

**ADDRESS:** DIVISION ST & MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/23/2015
Owner/Op end date: Not reported

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

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 9020

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1019325947 **DIST/DIR:** 0.082 ESE **ELEVATION:** 99 **MAP ID:** M57

**NAME:** CON EDISON - TRANSFORMER MANHOLE 3307

**ADDRESS:** DIVISION ST & MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004872319

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106968503 **DIST/DIR:** 0.082 SSE **ELEVATION:** 101 **MAP ID:** J58

**NAME:** CURBSIDE
**ADDRESS:** CENTER AVE/MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0502735 / 2005-06-14
ID/Status: 347154
ID/Status: 2005-06-07

SPILLS:
Name: CURBSIDE
Address: CENTER AVE/MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0502735 / 2005-06-14
Facility ID: 0502735
Facility Type: ER
DER Facility ID: 293445
Site ID: 347154
DEC Region: 3
Spill Cause: Other
Spill Class: A3
SWIS: 6010
Spill Date: 2005-06-07
Investigator: JKOMARA
Referred To: WCHD
Reported to Dept: 2005-06-07
CID: 444
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2005-06-07
Spill Record Last Update: 2005-06-14
Spiller Name: CHRIS LALAK
Spiller Company: CURBSIDE
Spiller Address: CENTER AVE/MAIN STREET
Spiller Company: 001
Contact Name: CHRIS LALAK
DEC Memo: "06/07/05 WCHD RESPONDED. RP INDENTIFIED. CLEANUP COMPLETED. REFERRED TO WCDA's OFFICE. NFA SPILLS. jod"
Remarks: "TWO GARBAGE TRUCK WORKERS PICKED UP AMONIA AND IT OPENED UP AND THEY WERE OVERCOME: SOMEONE LEFT IT ON THE CURBSIDE: ALL UNDERC CONTROL: NO NEED FOR A DEC RESPONSE"

All Materials:
Site ID: 347154
Operable Unit ID: 1104900
Operable Unit: 01
Material ID: 1262227

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106968503 **DIST/DIR:** 0.082 SSE **ELEVATION:** 101 **MAP ID:** J58

**NAME:** CURBSIDE

**ADDRESS:** CENTER AVE/MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0502735 / 2005-06-14
ID/Status: 347154
ID/Status: 2005-06-07

Material Code: 0025A
Material Name: ammonia
Case No.: 07664417
Material FA: Hazardous Material
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003949850 **DIST/DIR:** 0.083 SW **ELEVATION:** 92 **MAP ID:** K59

**NAME:** STORAGE USA

**ADDRESS:** 363 HUGUENOT STREET
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-801137
ID/Status: 3. Closed - Removed
ID/Status: Administratively Closed

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: STORAGE USA
Address: 363 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-801137 / Administratively Closed
Operator Name: Narine Nathu
Owner Name: SUSA Partnership, L.P.
Owner Street: 175 Toyota Plaza
Owner Address2: Not reported
Owner City: Memphis
Owner State: TN
Owner Zipcode: 38103
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 1500
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1934
Date Perm Closure: 03/15/2004
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 0. None

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1001079946 **DIST/DIR:** 0.084 WSW **ELEVATION:** 87 **MAP ID:** N60

**NAME:** PRO AUTO PARTS
**ADDRESS:** 41 REYLEA PL
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYR000016535

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: PRO AUTO PARTS
Facility address: 41 REYLEA PL
NEW ROCHELLE, NY 10801-6918
EPA ID: NYR000016535
Mailing address: SUMMERFIELD ST
SCARSDALE, NY 10853
Contact: Not reported
Contact address: SUMMERFIELD ST
SCARSDALE, NY 10853
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: PRO AUTO PARTS CORP
Owner/operator address: 135 SUMMER FIELD ST
SCARSDALE, NY 10853
Owner/operator country: US
Owner/operator telephone: 914-772-4871
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PRO AUTO PARTS CORP
Owner/operator address: 135 SUMMER FIELD ST
SCARSDALE, NY 10853
Owner/operator country: US
Owner/operator telephone: 914-772-4871
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1001079946 **DIST/DIR:** 0.084 WSW **ELEVATION:** 87 **MAP ID:** N60

**NAME:** PRO AUTO PARTS
**ADDRESS:** 41 REYLEA PL
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYR000016535

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: PRO AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: PRO AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 11/16/1995
Site name: PRO AUTO PARTS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D010
. Waste name: SELENIUM

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109413972 **DIST/DIR:** 0.084 WSW **ELEVATION:** 87 **MAP ID:** N61

**NAME:** HYDRO CLEANING SYSTEMS
**ADDRESS:** 41 RELYEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0810846 / 2009-02-06
ID/Status: 408393
ID/Status: 2008-12-29

SPILLS:
Name: HYDRO CLEANING SYSTEMS
Address: 41 RELYEA PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0810846 / 2009-02-06
Facility ID: 0810846
Facility Type: ER
DER Facility ID: 357641
Site ID: 408393
DEC Region: 3
Spill Cause: Housekeeping
Spill Class: C3
SWIS: 6010
Spill Date: 2008-12-29
Investigator: jbodee
Referred To: WCDOH
Reported to Dept: 2008-12-29
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 2008-12-29
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2008-12-29
Spill Record Last Update: 2009-02-06
Spiller Name: KEN MCHALE
Spiller Company: UNKNOWN
Spiller Address: 41 RELYEA PL
Spiller Company: 999
Contact Name: KEN MCHALE
DEC Memo: "12/29/08 3 pipe from facility drains at curb on Bartle Pl. Runoff from business operation drains from this pipe. Ken says water appears to have sheen and exhibits a petroleum odor. Carlos and Chris, WCHD, to investigate. Update: Call back from Carlos. Business is not the source of spill. There is a residence between business and Metro North work site. Curbside fill for residence has staining around it that is transferring to the water discharged from the business. Residence is at 25 Bartles Place, owner is Miriam Zucker-Strutin. WCHD attempting to make contact. jc 2/6/09: Small surface spill. Lalak reports clean up was completed. NFA jod"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109413972 **DIST/DIR:** 0.084 WSW **ELEVATION:** 87 **MAP ID:** N61

**NAME:** HYDRO CLEANING SYSTEMS

**ADDRESS:** 41 RELYEA PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0810846 / 2009-02-06
ID/Status: 408393
ID/Status: 2008-12-29

Remarks: "Caller states a business is cleaning some machines and the runoff water appears to be tainted with a sheen. Driveway exits onto Bartel place."

All Materials:
Site ID: 408393
Operable Unit ID: 1164907
Operable Unit: 01
Material ID: 2156292
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S116156593 **DIST/DIR:** 0.089 WSW **ELEVATION:** 85 **MAP ID:** N62

**NAME:** PERC - APPAREL PLUS
**ADDRESS:** 8 BARTLES PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1310684 / 2017-03-30
ID/Status: 491552
ID/Status: 2014-01-13

SPILLS:
Name: PERC - APPAREL PLUS
Address: 8 BARTLES PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1310684 / 2017-03-30
Facility ID: 1310684
Facility Type: ER
DER Facility ID: 446541
Site ID: 491552
DEC Region: 3
Spill Cause: Deliberate
Spill Class: A3
SWIS: 6010
Spill Date: 2014-01-13
Investigator: KATHOMPS
Referred To: Not reported
Reported to Dept: 2014-02-10
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2014-02-10
Spill Record Last Update: 2019-02-01
Spiller Name: Bob O'Brien
Spiller Company: APPAREL PLUS/ INDUSTRIAL OVERALL SERVICE
Spiller Address: Not reported
Spiller Company: 999
Contact Name: CARLOS TORRES
DEC Memo: "2-10-14 Spoke with Carlos. He said incident occurred 1/13/14. Soil was from sump inside. Carlos says Todd has soil sample results showing around 7000 ppm. jc 2/24/2014 -- WCDOH on site last Friday. Dumped sludge has been placed into a 5 yd dumpster. Not meant for Haz Waste, but containerized. List of acceptable contractors for proper disposal provided to owner on 2/21/14 by DOH. NOV issued by DOH on 2/21 for PBS violations, sediment dumping, drums leaking, asbestos, TCR for 5K Gasoline UST, TT for heating oil tank. ELM 4/25/2014 -- On site 4/24 to meet with Mr. O'Brien and his 2 contractors (HydroEnviro for investigation/remediation) and Advanced Enviro (transfer of

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S116156593 **DIST/DIR:** 0.089 WSW **ELEVATION:** 85 **MAP ID:** N62

**NAME:** PERC - APPAREL PLUS
**ADDRESS:** 8 BARTLES PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1310684 / 2017-03-30
ID/Status: 491552
ID/Status: 2014-01-13

dumpster wastes into proper shipping containers. Mr. O'Brien then made contact with Metro North for permission to work on MNR property (sludge investigation). Screened soil samples from 2 holes dug by pick axe. Down to 10 inches, pid readings were 8 to 12 (slightly higher with depth, but not much found). Similar pid screening from dumpster hit 1,900 ppm. Work plan to be developed by HydroEnvir for investigation (3 borings to water table, one extended for groundwater sample). They will also complete 2 other borings where a former Gasoline UST was removed without site assessment over 10 years ago. Today sending State contractors RI of the area to all at the site visit. ELM 7/21/2014 -- MEQ emailed spill closure report including 3 geoprobe soil borings and one water sample. PERC hits were less than 10 ppb, roughly at or less than the previously known levels of contamination from RI for Superfund project. Groundwater was clean. ELM 3/30/2017 -- Carlos drove by this week and the soil pile has been removed. The entire site clean-up being accomplished under Haz Waste. 360109 ELM"

Remarks: "Caller advised unknown amount of product dumped onto soil. Caller advised workers took out 2 wheel barrows and dumped in the back. Caller advising samples were taken and result just came back. Further clean up is pending."

All Materials:
Site ID: 491552
Operable Unit ID: 1241100
Operable Unit: 01
Material ID: 2241374
Material Code: 0040C
Material Name: PERC
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S123660999 **DIST/DIR:** 0.096 East **ELEVATION:** 98 **MAP ID:** O63

**NAME:** NOVA REALTY - UST
**ADDRESS:** 523 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1811358 / Not Reported
ID/Status: 582291
ID/Status: 2019-02-11

SPILLS:
Name: NOVA REALTY - UST
Address: 523 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1811358 / Not Reported
Facility ID: 1811358
Facility Type: ER
DER Facility ID: 534783
Site ID: 582291
DEC Region: 3
Spill Cause: Unknown
Spill Class: B3
SWIS: 6010
Spill Date: 2019-02-11
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2019-02-11
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 4
Date Entered In Computer: 2019-02-11
Spill Record Last Update: 2019-02-12
Spiller Name: BRIAN HEAPS
Spiller Company: Nova Realty
Spiller Address: 523 MAIN ST
Spiller Company: 001
Contact Name: BRAIN HEAPS
DEC Memo: "2/11/19 Northeastern Env. was hired to do vac out of UST under basement floor - owners thought there was water in the tank. Northeastern found oil in the sump. That has been vacuumed out. Tank is under concrete floor of basement. No waterways on property, no drains other than sump. Tank to be removed to do further investigation and cleanup. Site is hair salon. Left message for property contact to call duty desk. ga 2/11/19 Owner to hire Northeastern to remove tank and do any cleanup. Property on municipal water. ga "
Remarks: "oil found in sump. investigation and c/u ongoing"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S123660999 **DIST/DIR:** 0.096 East **ELEVATION:** 98 **MAP ID:** O63

**NAME:** NOVA REALTY - UST

**ADDRESS:** 523 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1811358 / Not Reported
ID/Status: 582291
ID/Status: 2019-02-11

All Materials:
Site ID: 582291
Operable Unit ID: 1329976
Operable Unit: 01
Material ID: 2339121
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152708 **DIST/DIR:** 0.099 WNW **ELEVATION:** 79 **MAP ID:** P64

**NAME:** I-95

**ADDRESS:** I-95EB MP54
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8700158 / 1987-04-07
ID/Status: 121121
ID/Status: 1987-04-07

SPILLS:
Name: I-95
Address: I-95EB MP54
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8700158 / 1987-04-07
Facility ID: 8700158
Facility Type: ER
DER Facility ID: 105126
Site ID: 121121
DEC Region: 3
Spill Cause: Traffic Accident
Spill Class: Not reported
SWIS: 6010
Spill Date: 1987-04-07
Investigator: WEED
Referred To: Not reported
Reported to Dept: 1987-04-07
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Police Department
Cleanup Ceased: 1987-04-07
Cleanup Meets Std: True
Last Inspection: 1987-04-07
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1987-04-13
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: ""
Remarks: ""

All Materials:
Site ID: 121121
Operable Unit ID: 904779
Operable Unit: 01
Material ID: 473726
Material Code: 0008
Material Name: diesel
Case No.: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152708 **DIST/DIR:** 0.099 WNW **ELEVATION:** 79 **MAP ID:** P64

**NAME:** I-95

**ADDRESS:** I-95EB MP54
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8700158 / 1987-04-07
ID/Status: 121121
ID/Status: 1987-04-07

Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106126552 **DIST/DIR:** 0.099 WNW **ELEVATION:** 79 **MAP ID:** P65

**NAME:** P&D TRANSPORT - HOT TAR
**ADDRESS:** I-95 NB @ MM 5.4
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308809 / 2003-11-26
ID/Status: 329742
ID/Status: 2003-11-18

SPILLS:
Name: P&D TRANSPORT - HOT TAR
Address: I-95 NB @ MM 5.4
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0308809 / 2003-11-26
Facility ID: 0308809
Facility Type: ER
DER Facility ID: 265298
Site ID: 329742
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B2
SWIS: 6010
Spill Date: 2003-11-18
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 2003-11-18
CID: 270
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-11-18
Spill Record Last Update: 2003-12-02
Spiller Name: Not reported
Spiller Company: P&D TRANSPORT
Spiller Address: 171 BROWNSTONE AVE
Spiller Company: 001
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11-18-03 P&D Transport trailer carrying 5000 gallons of a hot tar product developed several leaks from seams and holes beneath the trailer. The driver, John Culbreath, pulled the vehicle to the shoulder of I-95 NB at mm 5.4 in New Rochelle. The trailer drained hot tar to the road shoulder where it flowed downhill until it cooled and solidified. Approximatley 200 feet of shoulder where affected before the trailer could be offloaded. DEC called out Castlton Environmental contractors when a company Rep stated that he/she would not sent a second truck to offload the damaged trailer. Castlton

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106126552 **DIST/DIR:** 0.099 WNW **ELEVATION:** 79 **MAP ID:** P65

**NAME:** P&D TRANSPORT - HOT TAR

**ADDRESS:** I-95 NB @ MM 5.4
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308809 / 2003-11-26
ID/Status: 329742
ID/Status: 2003-11-18

contacted Mystic Bulk Carriers and requested their assistance. Mystic provided a heated truck, suitable to offload the cargo and return it to Ownes Corning in Kearny where the load was originally picked up. The P&D damaged trailer was towed off the road to a spot near the I-95 toll plaza. Castlton performed the removal of the solidified tar several days later as they were delayed by heavy rain which created hazardous working conditions on busily traveled I-95. As of 11-18-03, Portland Asphalt indicated that they would pay Caslton directly for the cost of the cleanup. "

Remarks: "material goes into a manhole which leads to a water way. poss hutchinson river. spill not controlled yet. caller req call back from rep"

All Materials:
Site ID: 329742
Operable Unit ID: 877435
Operable Unit: 01
Material ID: 498725
Material Code: 0018A
Material Name: tar
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S116555778 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N66

**NAME:** INDUST OVERALL SERVICE CORP
**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1400928 / 2017-03-30
ID/Status: 494186
ID/Status: 2014-04-28

LTANKS:
Name: INDUST OVERALL SERVICE CORP
Address: 10 BARTELS PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1400928 / 2017-03-30
Facility ID: 1400928
Site ID: 494186
Spill Date: 2014-04-28
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: ELMOORE
Referred To: Not reported
Reported to Dept: 2014-04-28
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-04-28
Spill Record Last Update: 2017-03-30
Spiller Name: BOB OBRIEN
Spiller Company: INDUSTRIAL OVERALL SERV CORP
Spiller Address: 10 BARTELL PL
Spiller County: 999
Spiller Contact: BOB OBRIEN
Spiller Phone: (914) 235-1220
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 449117
DEC Memo: "4-28-14: Chris/WCHD call to Dispt./V.Mc.: Heating oil tank, out of service, failed test. 3/30/2017 -- Carlos drove by this week and the soil pile has been removed. This spill can be closed, with the entire site clean-up being accomplished under Haz Waste. 360109 ELM"
Remarks: "tank 2 5000 gallon"

All TTF:
Facility ID: 1400928
Spill Number: 1400928
Spill Tank Test: 2495577

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S116555778 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N66

**NAME:** INDUST OVERALL SERVICE CORP
**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1400928 / 2017-03-30
ID/Status: 494186
ID/Status: 2014-04-28

Site ID: 494186
Tank Number: 1
Tank Size: 4000
Material: 0009
EPA UST: True
UST: True
Cause: 03
Source: 00
Test Method: 99
Test Method 2: Alternate Test per former 613.5(a)(2)(v)
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

Facility ID: 1400928
Spill Number: 1400928
Spill Tank Test: 2495578
Site ID: 494186
Tank Number: 2
Tank Size: 5000
Material: 0001
EPA UST: False
UST: True
Cause: 03
Source: 01
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 494186
Operable Unit ID: 1243715
Operable Unit: 01
Material ID: 2244419
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S116555778 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N66

**NAME:** INDUST OVERALL SERVICE CORP

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1400928 / 2017-03-30
ID/Status: 494186
ID/Status: 2014-04-28

Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176640 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N67

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELLS PLACE
NEW ROCHELLE, NY 10801

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: 3-025453
ID/Status: 0. Administratively closed
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

WESTCHESTER CO. UST:
Name: INDUSTRIAL OVERALL SERVICE CORP.
Address: 10 BARTELLS PLACE
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-025453 / Unregulated
Operator Name: Robert O'Brien
Owner Name: Industrial Overall Service Corp.
Owner Street: 10 Bartels Place
Owner Address2: Not reported
Owner City: New Rochelle
Owner State: NY
Owner Zipcode: 10801
GDS Number: Not reported

Tank Number: 1
Status: 0. Administratively closed
Capacity: 4000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 12/01/1979
Date Perm Closure: 03/11/2003
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: Not reported
Piping Type: 2. Galvanized steel
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 2
Status: 3. Closed - Removed
Capacity: 5000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 05/01/1980
Date Perm Closure: 08/26/2014

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U004176640 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N67

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELLS PLACE
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-025453
ID/Status: 0. Administratively closed
ID/Status: 3. Closed - Removed
ID/Status: Unregulated

**SOURCE:** NY Department of Environmental Conservation

Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 3. Aboveground/Underground Combination
Piping Type: 2. Galvanized Steel
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: 0. None
Spill Prevention: Not reported
Dispenser: 0. None

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

CBS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 06/24/2019
ID/Status: Unregulated/Closed
ID/Status: 3-000235

CBS:
Name: INDUSTRIAL OVERALL
Address: 10 BARTELS PLACE
City,State,Zip: NEW ROCHELLE, NY 10801
CBS Number: 3-000235
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 602235.14737
UTMY: 4529262.58924

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

SHWS:
Name: INDUSTRIAL OVERALL SERVICE CORP.
Address: 10 BARTELS PLACE
City,State,Zip: NEW ROCHELLE, NY 10801-7241
Program: HW
Site Code: 413917
Classification: Significant threat to the public health or environment - action required.
Region: 3
Acres: 0.42
HW Code: 360109
Record Add: 05/15/2009
Record Upd: 04/04/2018
Updated By: DACROSBY
Site Description: Location: The Industrial Overall Service Corporation site is located at 10 Bartels Place in the City of New Rochelle, Westchester County. The site is located east of I-95 and west of US-1 (Huguenot Street) and it is bounded by Relyea Place, Bartels Place, Centre Avenue and the Metro North railroad property and tracks. Site Features: The site is 0.42 acres in size and resides on a slightly sloping irregularly shaped parcel consisting of two tax parcels. The main site feature includes a six-sided building which occupies the majority of the property and a small parking area located to the south and southwest of the building. Current Zoning/ Uses: This property is zoned for commercial use. The building is currently vacant and for sale. The surrounding area is a mix of commercial and residential establishments situated in an urban setting. Past Uses of the Site: Industrial Overall Service Corporation operated at the current location as a uniform and industrial clothing dry cleaning/laundering facility, historically cleaning heavily soiled clothing from industrial, auto body and gasoline dispensing businesses from 1956 until 2010. Dry cleaning equipment was reportedly decommissioned in 1978, but water washing continued. From 1980-1998 Workingman s Closet, an embroidery and uniform retail outfit, operated on the second floor of the building. From 2010 until 2016, Apparel Plus Textile Rental LLC ran a rental linen service company on both floors of the building, which involved water laundering. Historically, a precision scale company also operated out of the second floor of the building from sometime between 1932 and 1956 until sometime before 1973 when Industrial Overall purchased the building to occupy it entirely. Based on a Sanborn Fire Insurance Map from 1931, the site previously operated an automobile sales and service business. This site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable unit 1 (OU1) is the on-site and adjacent Metro-north property. OU1 consists of the entire site property with the addition of an off-site source area which lies to the northeast of the site on the adjacent Metro-north property. Operable unit 2 (OU2) is the off-site groundwater plume. Site Geology and Hydrology: Groundwater is found in the overburden and in the bedrock. Groundwater is generally found 10 to 15 feet below ground surface and flows in a southwesterly direction. Overburden in the vicinity ranges in thickness from 2.2 feet to 32 feet, and consists of fill material (1-5 feet in thickness) and varied amounts of fine to coarse sand with varying amounts of silt. Below the sandy silt is a till like material. Depth to bedrock is variable across the site from a depth of a few feet to over 35 feet below grade. Bedrock in the vicinity is a highly weathered rock which is undulating in nature and is generally more transmissive than the till-like overburden material directly above.

Env Problem: This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. Based upon the resources and pathways identified and the toxicity of the contaminants of ecological concern at this site, a Fish and Wildlife Resources Impact Analysis (FWRIA) was deemed not necessary for OU 01. Nature and Extent of Contamination: The primary contaminants of concern at the site include the dry cleaning chemicals tetrachloroethene (PCE), trichloroethene (TCE) and their associated breakdown products. PCE and TCE are found in on-site and off-site soil and groundwater. Two primary source areas remain at and adjacent to the site. These include a lint trap within on-site building and an off-site debris and waste disposal area located to the northwest outside the building on the adjacent Metro North Railroad property. Soil: Maximum concentrations of PCE and TCE in on-site soils/wastes located in the remaining lint trap source area exceed 21,000 parts per million (ppm) and 1,200 ppm, respectively. In addition to volatile organic compounds (VOCs), soils on- and off-site were also sampled for semi-volatile organic compounds (SVOCs) and metals. No SVOCs exceeded SCOs, but several metals (barium, cadmium, chromium, lead, and silver) exceeded their respective unrestricted use SCOs directly underneath the lint trap. Also under the lint trap, barium, cadmium, and lead exceeded commercial SCOs, while only barium out of these metals did not exceed protection of groundwater SCOs. Also chromium exceeds the protection of groundwater SCO in one off-site location. On-site and off-site soil contains VOCs mainly in

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

the two source areas, but some soil located under the site parking lot also contained VOCs above protection of groundwater SCOs of 0.47 ppm for TCE and 1.3 ppm for PCE. Generally, however, concentrations of PCE and TCE in on-site soils decrease to below the soil cleanup objectives (SCOs) for the protection of groundwater not far from the actual lint trap. The debris and waste disposal source area on the off-site Metro North property contains a maximum PCE concentration of 500 ppm and a maximum TCE concentration of 11 ppm. Groundwater: Contamination migrating from the two source areas has impacted groundwater in the bedrock and overburden, and created a plume extending downgradient (southwest) more than 1,900 feet from the site. The highest level of PCE in on-site groundwater was 140,000 parts per billion (ppb) near the lint trap, compared to the groundwater standard of 5 ppb. On the adjacent off-site Metro North Railroad property, PCE concentrations in groundwater reached 3,600 ppb. The maximum level of TCE in on-site groundwater was 13,000 ppb near the lint trap, and 1,800 ppb beneath the adjacent off-site Metro North Railroad property, compared to the groundwater standard of 5 ppb. TCE was also detected upgradient of the site at 5300 ppb indicating a second potential off-site upgradient source. Several breakdown products of PCE and TCE were also noted in the groundwater. The maximum on-site cis-1,2 dichloroethene (cis-1,2 DCE) concentration was 27,000 ppb near the lint trap, and 130 ppb beneath the off-site adjacent Metro North Railroad property. The maximum on-site vinyl chloride (VC) concentration was 1,600 ppb near the lint trap compared to the groundwater standard of 2 ppb.1-1-1 trichloroethane (1,1,1-TCA) was detected on-site at a maximum concentration of 730 ppb beneath the on-site building, compared to the groundwater standard of 5 ppb. However, 1,1,1-TCA was also detected upgradient of the site at 910 ppb indicating an off-site, upgradient source. Soil Vapor, Sub-slab Vapor and Indoor Air: Samples were not collected on-site because the site is vacant. Special Resources Impacted/Threatened: The site is located in an urban area of the City of New Rochelle. No significant environmental resources have been identified near the site.

Health Problem: Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Most of the site is covered with pavement and buildings; however, trespassers or employees walking, digging, or otherwise disturbing the soil on the adjacent Metro North property could come in contact with site-related contaminants. Volatile organic compounds in the soil or groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process,

- Continued on next page -

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment. Sub-slab depressurization systems have been installed in two off-site residential buildings to prevent the inhalation of site-related contamination. In addition, air monitoring is on-going at five additional off-site residential buildings to verify further actions are not needed. Sampling indicates soil vapor intrusion may be a concern for additional off-site buildings and sampling is recommended.
Not reported
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: UNKNOWN
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-06-11 15:11:00
Record Upd: 2017-03-16 13:50:00
Updated By: KATHOMPS
Own Op: On-Site Operator
Sub Type: 08
Owner Name: Robert R. O'Brien
Owner Company: Apparel + Plus Textile Rental, LLC
Owner Address: 27 Centre Avenue/10 Bartells Place
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Rochelle Public Library
Owner Address: 1 Library Plaza
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: ROBERT O'BRIEN
Owner Company: WORKING MAN'S CLOSET, INC

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

Owner Address: 3 KOLBERT DRIVE
Owner Addr2: Not reported
Owner City,St,Zip: SCARSDALE, NY 10583
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Region 3 Headquarters
Owner Company: New York State Department of Environmental Conservation
Owner Address: 21 South Putt Corners Rd
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
Own Op: Owner
Sub Type: 01
Owner Name: Mr Burton Dorfman, Esq.
Owner Company: Industrial Overall Service Corporation
Owner Address: 10 Bartells Place
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
HW Code: 360109
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: 1,1,1-TCA
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: 1,1-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

SHWS

**EDR ID:** S110043643 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N68

**NAME:** INDUSTRIAL OVERALL SERVICE CORP.

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 413917
ID/Status: Significant threat to the public health or e

Waste Type: methylene chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360109
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1309988
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2014-04-14 11:03:00
Record Updated: 2014-04-14 11:03:00
Updated By: RDBENDEL
Crossref ID: 1310684
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2014-02-14 08:19:00
Record Updated: 2014-02-14 08:19:00
Updated By: ELMOORE
Crossref ID: 360087
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2009-05-21 15:07:00
Record Updated: 2009-05-21 15:07:00
Updated By: RXKEATIN

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA-LQG:
Date form received by agency: 04/19/2016
Facility name: NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP
Facility address: 10 BARTELS PL
NEW ROCHELLE, NY 10801
EPA ID: NYR000208967
Mailing address: CENTRE AVE
NEW ROCHELLE, NY 10801
Contact: DAVID CROSBY
Contact address: BROADWAY
ALBANY, NY 12233
Contact country: US
Contact telephone: 518-402-9662
Contact email: DAVID.CROSBY@DEC.NY.GOV
EPA Region: 02
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: INDUSTRIAL OVERALL SERVICE CORP
Owner/operator address: BARTELS PL
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: 914-235-1220
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/23/2010
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

Owner/operator name: ROBERT OBRIEN
Owner/operator address: CENTRE AVE
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: ROBERT OBRIEN
Owner/operator address: CENTRE AVE
NEW ROCHELLE, NY 10801
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: INDUSTRIAL OVERALL SERVICE CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1950
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

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/09/2014
Site name: INDUSTRIAL OVERALL SERVICE CORP
Classification: Not a generator, verified

Date form received by agency: 03/31/2014
Site name: INDUSTRIAL OVERALL SERVICE CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

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

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 10230

Waste code: D008
Waste name: LEAD
Amount (Lbs): 10230

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 10230

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 10230

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 10230

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 03/18/2014
Date achieved compliance: 07/08/2014
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/14/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 12000
Paid penalty amount: 12000

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 03/18/2014
Date achieved compliance: 07/08/2014
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/15/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 10000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 03/18/2014
Date achieved compliance: 07/08/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/2014
Enf. disposition status: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA-LQG

**EDR ID:** 1016678149 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N69

**NAME:** NYSDEC-SITE 360109 INDUSTRIAL OVERALL SERVICE CORP **Rev:** 03/25/2019
ID/Status: NYR000208967

**ADDRESS:** 10 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/08/2014
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/01/2014
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Listing - General
Date achieved compliance: 07/08/2014
Evaluation lead agency: State

Evaluation date: 03/18/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 07/08/2014
Evaluation lead agency: State

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

CBS AST

**EDR ID:** S105455801 **DIST/DIR:** 0.099 WSW **ELEVATION:** 81 **MAP ID:** N70

**NAME:** INDUSTRIAL OVERALL **Rev:** 01/01/2002

**ADDRESS:** 10 BARTELS PLACE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY NYSDEC

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S111012266 **DIST/DIR:** 0.101 East **ELEVATION:** 98 **MAP ID:** O71

**NAME:** COMMERCIAL PROPERTY
**ADDRESS:** 522 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1100723 / 2011-06-06
ID/Status: 448142
ID/Status: 2011-04-20

LTANKS:
Name: COMMERCIAL PROPERTY
Address: 522 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1100723 / 2011-06-06
Facility ID: 1100723
Site ID: 448142
Spill Date: 2011-04-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2011-04-20
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2011-04-20
Spill Record Last Update: 2011-06-06
Spiller Name: PETER OH
Spiller Company: ADELPHI
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: JEFF
Spiller Phone: (800) 440-8265
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 402739
DEC Memo: "Spoke to Georgia at Advanced. Soil boring had field evidence of petroleum impact. DT 4/20/11 6/6/11: Report from Preferred Environmental entered into eDocs. NFA jod"
Remarks: "1721 THE CALLER ADVISED DISPATCH THEY ARE AWAITING TANK TEST RESULTS."

All Materials:
Site ID: 448142
Operable Unit ID: 1198388
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S111012266 **DIST/DIR:** 0.101 East **ELEVATION:** 98 **MAP ID:** O71

**NAME:** COMMERCIAL PROPERTY

**ADDRESS:** 522 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1100723 / 2011-06-06
ID/Status: 448142
ID/Status: 2011-04-20

Material ID: 2194662
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104509646 **DIST/DIR:** 0.101 NNE **ELEVATION:** 99 **MAP ID:** Q72

**NAME:** UST
**ADDRESS:** MEMORIAL HIGHWAY AND HUGUENOT
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9912617 / 2000-04-04
ID/Status: 254637
ID/Status: 2000-02-04

SPILLS:
Name: UST
Address: MEMORIAL HIGHWAY AND HUGUENOT
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9912617 / 2000-04-04
Facility ID: 9912617
Facility Type: ER
DER Facility ID: 208558
Site ID: 254637
DEC Region: 3
Spill Cause: Other
Spill Class: C3
SWIS: 6010
Spill Date: 2000-02-04
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 2000-02-04
CID: 270
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-02-04
Spill Record Last Update: 2017-10-25
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: AVALONBAY COMMUNITIES
DEC Memo: " 02/04/2000 STEVE AT AKRF. NEW ROCHELLE F.D. HAS BEEN ON SITE AS WELL AS T. GHIOSAY 04/04/2000 LETTER SENT TO AKRF BY T. GHIOSAY; CLEANUP SATISFACTORY - SPILL FILE CLOSED."
Remarks: "CONTAMINATED SOIL DISCOVERED FROM TANK REMOVAL"

All Materials:
Site ID: 254637
Operable Unit ID: 1091315
Operable Unit: 01
Material ID: 294499
Material Code: 0001A

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104509646 **DIST/DIR:** 0.101 NNE **ELEVATION:** 99 **MAP ID:** Q72

**NAME:** UST

**ADDRESS:** MEMORIAL HIGHWAY AND HUGUENOT
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9912617 / 2000-04-04
ID/Status: 254637
ID/Status: 2000-02-04

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

UST

**EDR ID:** U003994344 **DIST/DIR:** 0.101 NNE **ELEVATION:** 99 **MAP ID:** Q73

**NAME:** AVALON ON THE SOUND

**ADDRESS:** HUGUENOT STREET AND MEMORAL HWY
NEW ROCHELLE, NY 10801

**Rev:** 06/24/2019
ID/Status: 3-800626
ID/Status: 3. Closed - Removed
ID/Status: Unregulated: <1101 gal. PBS

**SOURCE:** NY Department of Environmental Conservation

WESTCHESTER CO. UST:
Name: AVALON ON THE SOUND
Address: HUGUENOT STREET AND MEMORAL HWY
City,State,Zip: NEW ROCHELLE, NY 10801
Id/Status: 3-800626 / Unregulated: <1101 gal. PBS
Operator Name: Avalonbay
Owner Name: Avalonbay Redevelopment LLC
Owner Street: 535 Fifth Avenue
Owner Address2: Not reported
Owner City: New York
Owner State: NY
Owner Zipcode: 10017
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 2000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 02/01/2000
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 0. None

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106384194 **DIST/DIR:** 0.105 South **ELEVATION:** 97 **MAP ID:** R74

**NAME:** ON MAIN ST

**ADDRESS:** BETWEEN MAPLE/CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0314099 / 2004-03-25
ID/Status: 64285
ID/Status: 2004-03-25

SPILLS:
Name: ON MAIN ST
Address: BETWEEN MAPLE/CENTER AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0314099 / 2004-03-25
Facility ID: 0314099
Facility Type: ER
DER Facility ID: 61973
Site ID: 64285
DEC Region: 3
Spill Cause: Unknown
Spill Class: C4
SWIS: 6010
Spill Date: 2004-03-25
Investigator: rxamato
Referred To: Not reported
Reported to Dept: 2004-03-25
CID: 406
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-03-25
Spill Record Last Update: 2004-04-02
Spiller Name: Not reported
Spiller Company: BEELINE SYSTEM
Spiller Address: 100 EAST 1ST
Spiller Company: 001
Contact Name: STEVE VANDERWOUDE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SMITH 3/25/04: Called Beeline, it was anti-freeze (7 gallons). Spill has been cleaned up by their crew. No drains or waterways affected."
Remarks: "Spill is located near 585 Main St. Caller says Beeline System spilled oily material for about one full block from Maple St. to Centre Ave. The Driver of vehicle is there throwing sand down on the material right now. Just wanted to notify us of spill. Caller is not sure if material went into sewer... they are also 1/2 Mi. from the Long Island Sound.****Seamus Roche from Liberty Lines Transit called... (914) 376-6342 . Verified B-Line Bus. The Material was

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106384194 **DIST/DIR:** 0.105 South **ELEVATION:** 97 **MAP ID:** R74

**NAME:** ON MAIN ST

**ADDRESS:** BETWEEN MAPLE/CENTER AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0314099 / 2004-03-25
ID/Status: 64285
ID/Status: 2004-03-25

antifreeze approx. 6 gal. Using Speedy dry to clean it up. ******"

All Materials:
Site ID: 64285
Operable Unit ID: 881023
Operable Unit: 01
Material ID: 495680
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016972665 **DIST/DIR:** 0.105 SSW **ELEVATION:** 93 **MAP ID:** R75

**NAME:** CON EDISON TRANSFORMER MANHOLE: 5365
**ADDRESS:** 595 MAIN ST
NEW ROCHELLE, NY 10804
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004464459

RCRA NonGen / NLR:
Date form received by agency: 04/12/2014
Facility name: CON EDISON TRANSFORMER MANHOLE: 5365
Facility address: 595 MAIN ST
NEW ROCHELLE, NY 10804
EPA ID: NYP004464459
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 03/12/2014
Site name: CON EDISON TRANSFORMER MANHOLE: 5365
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016962648 **DIST/DIR:** 0.106 South **ELEVATION:** 95 **MAP ID:** R76

**NAME:** CON EDISON TRANSFORMER MANHOLE: 2806
**Rev:** 03/25/2019
ID/Status: NYP004357059

**ADDRESS:** 592 MAIN ST
NEW ROCHELLE, NY 10804
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA NonGen / NLR:
Date form received by agency: 10/09/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 2806
Facility address: 592 MAIN ST
NEW ROCHELLE, NY 10804
EPA ID: NYP004357059
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 09/09/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 2806
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152555 **DIST/DIR:** 0.110 West **ELEVATION:** 79 **MAP ID:** 77

**NAME:** N AMERICAN VAN LINES
**ADDRESS:** NEW ENG THWAY MP5.4SB
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8605124 / 1986-11-12
ID/Status: 137997
ID/Status: 1986-11-11

SPILLS:
Name: N AMERICAN VAN LINES
Address: NEW ENG THWAY MP5.4SB
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8605124 / 1986-11-12
Facility ID: 8605124
Facility Type: ER
DER Facility ID: 118004
Site ID: 137997
DEC Region: 3
Spill Cause: Traffic Accident
Spill Class: Not reported
SWIS: 6010
Spill Date: 1986-11-11
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 1986-11-11
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Police Department
Cleanup Ceased: 1986-11-12
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1986-11-18
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: N AMER VAN LINES
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : 11/12/86-THRUWAY CREW CLEANED UP. "
Remarks: ""

All Materials:
Site ID: 137997
Operable Unit ID: 902332
Operable Unit: 01
Material ID: 474327
Material Code: 0008
Material Name: diesel

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102152555 **DIST/DIR:** 0.110 West **ELEVATION:** 79 **MAP ID:** 77

**NAME:** N AMERICAN VAN LINES
**ADDRESS:** NEW ENG THWAY MP5.4SB
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8605124 / 1986-11-12
ID/Status: 137997
ID/Status: 1986-11-11

Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102151778 **DIST/DIR:** 0.113 SSW **ELEVATION:** 91 **MAP ID:** 78

**NAME:** MONA THERESA PIZZA
**ADDRESS:** 599 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9711794 / 1998-01-21
ID/Status: 9711809 / 1998-01-21
ID/Status: 9111511 / 1992-03-10
ID/Status: 96160
ID/Status: 96161

SPILLS:
Name: NAUNA THERESA REST.
Address: 599 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9711794 / 1998-01-21
Facility ID: 9711794
Facility Type: ER
DER Facility ID: 85968
Site ID: 96160
DEC Region: 3
Spill Cause: Human Error
Spill Class: C4
SWIS: 6010
Spill Date: 1998-01-21
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-01-21
CID: 322
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-01-21
Spill Record Last Update: 2003-05-28
Spiller Name: JOANN
Spiller Company: SHORE LINE OIL COMPANY
Spiller Address: 685 SOUTH THIRD AVE
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 01/21/98 SEE SPILL 3 9711809; TRI-STATE HAS BEEN HIRED TO CLEANUP Administratively Closed. jbo"
Remarks: "driver delivered oil to wrong address - rest. never capped fill line - spill into the basement "

All Materials:
Site ID: 96160
Operable Unit ID: 1058195
Operable Unit: 01
Material ID: 326437

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102151778 **DIST/DIR:** 0.113 SSW **ELEVATION:** 91 **MAP ID:** 78

**NAME:** MONA THERESA PIZZA
**ADDRESS:** 599 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9711794 / 1998-01-21
ID/Status: 9711809 / 1998-01-21
ID/Status: 9111511 / 1992-03-10
ID/Status: 96160
ID/Status: 96161

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: NONNA TERESA REST
Address: 599 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9711809 / 1998-01-21
Facility ID: 9711809
Facility Type: ER
DER Facility ID: 85968
Site ID: 96161
DEC Region: 3
Spill Cause: Other
Spill Class: C4
SWIS: 6010
Spill Date: 1998-01-20
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-01-21
CID: 270
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-01-21
Spill Record Last Update: 2004-02-24
Spiller Name: Not reported
Spiller Company: SHORE LINE FUEL COMPANY
Spiller Address: 94 1ST ST
Spiller Company: 001
Contact Name: FRANK ORLANDO
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 01/21/98 SEE SPILL #9711794;"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102151778 **DIST/DIR:** 0.113 SSW **ELEVATION:** 91 **MAP ID:** 78

**NAME:** MONA THERESA PIZZA
**ADDRESS:** 599 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9711794 / 1998-01-21
ID/Status: 9711809 / 1998-01-21
ID/Status: 9111511 / 1992-03-10
ID/Status: 96160
ID/Status: 96161

Remarks: "CALLER STATES THA DRIVER DELIVERED TO A FUEL LINE THAT WAS NOT CONNECTED TO A TANK."

All Materials:
Site ID: 96161
Operable Unit ID: 1054569
Operable Unit: 01
Material ID: 326448
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: MONA THERESA PIZZA
Address: 599 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9111511 / 1992-03-10
Facility ID: 9111511
Facility Type: ER
DER Facility ID: 70036
Site ID: 74696
DEC Region: 3
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 6010
Spill Date: 1992-02-03
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1992-02-07
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 1992-02-10
Cleanup Meets Std: True
Last Inspection: 1992-02-10
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-02-19

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102151778 **DIST/DIR:** 0.113 SSW **ELEVATION:** 91 **MAP ID:** 78

**NAME:** MONA THERESA PIZZA
**ADDRESS:** 599 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9711794 / 1998-01-21
ID/Status: 9711809 / 1998-01-21
ID/Status: 9111511 / 1992-03-10
ID/Status: 96160
ID/Status: 96161

Spill Record Last Update: 1992-03-10
Spiller Name: Not reported
Spiller Company: SHORELINE OIL
Spiller Address: 94 FIRST STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "FILLED UNCLOSED ABANDONED FILL LINE (WRONG ADDRESS/NEW DRIVER) SPILL CONTAINED ON CONCRETE FLOOR SHORELINE DID CLEAN UP ODORS SHORELINE CALLED EES TO FINISH CLEAN UP"

All Materials:
Site ID: 74696
Operable Unit ID: 961799
Operable Unit: 01
Material ID: 416543
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 62.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102153509 **DIST/DIR:** 0.115 North **ELEVATION:** 81 **MAP ID:** S79

**NAME:** METRO NORTH TRAIN STATION
**ADDRESS:** NEW HAVEN LINE &R/R PLAZA
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8903573 / 1989-07-19
ID/Status: 104107
ID/Status: 1989-07-10

SPILLS:
Name: METRO NORTH TRAIN STATION
Address: NEW HAVEN LINE &R/R PLAZA
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8903573 / 1989-07-19
Facility ID: 8903573
Facility Type: ER
DER Facility ID: 92033
Site ID: 104107
DEC Region: 3
Spill Cause: Vandalism
Spill Class: Not reported
SWIS: 6010
Spill Date: 1989-07-10
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1989-07-10
CID: Not reported
Water Affected: Not reported
Spill Source: Railroad Car
Spill Notifier: Affected Persons
Cleanup Ceased: 1989-07-10
Cleanup Meets Std: True
Last Inspection: 1989-07-19
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1989-07-19
Spill Record Last Update: 1989-07-26
Spiller Name: Not reported
Spiller Company: METRO NORTH TRAIN STATION
Spiller Address: NEW HAVEN LINE &R/R PLAZA
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TODD GHIOSAY "
Remarks: "SOMEONE PUT STEEL BAR ON TRACK. TRAIN HIT BAR, PUNCTURED SMALL HOLE IN TRANFORMER. CAR #8669, EMPLOYEE WALKED TRACK. CLEAN UP IN PROGRESS. WCHD WILL INVESTIGATE, AMER. ENV. TECH, RCIHFIELD CT, NFA"

All Materials:
Site ID: 104107
Operable Unit ID: 928993
Operable Unit: 01
Material ID: 447657

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102153509 **DIST/DIR:** 0.115 North **ELEVATION:** 81 **MAP ID:** S79

**NAME:** METRO NORTH TRAIN STATION

**ADDRESS:** NEW HAVEN LINE &R/R PLAZA
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8903573 / 1989-07-19
ID/Status: 104107
ID/Status: 1989-07-10

Material Code: 0017A
Material Name: PCB oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106126232 **DIST/DIR:** 0.115 North **ELEVATION:** 81 **MAP ID:** S80

**NAME:** METRO NORTH TRACKS

**ADDRESS:** EAST OF NEW ROCHELLE STAT
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308130 / 2004-07-16
ID/Status: 279322
ID/Status: 2003-10-31

SPILLS:
Name: METRO NORTH TRACKS
Address: EAST OF NEW ROCHELLE STAT
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0308130 / 2004-07-16
Facility ID: 0308130
Facility Type: ER
DER Facility ID: 226808
Site ID: 279322
DEC Region: 3
Spill Cause: Unknown
Spill Class: C4
SWIS: 6010
Spill Date: 2003-10-31
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 2003-10-31
CID: 418
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-31
Spill Record Last Update: 2004-07-16
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 001
Contact Name: JOANNE REILLEY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/5/03 Joanne Reilly stated that the area is inaccessible to work in because of hi speed train taffic. Requested permission to cleanup during a planned closure for a capital project scheduled in 2004. Will submit request in writing to TG. TG 07-15-04 Letter rec'd from Metro North claiming cleanup has been completed. NFA. TG."
Remarks: "caller states that spill is between 2 tracks and currently have a company rep enroute to the scene"

All Materials:
Site ID: 279322

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S106126232 **DIST/DIR:** 0.115 North **ELEVATION:** 81 **MAP ID:** S80

**NAME:** METRO NORTH TRACKS

**ADDRESS:** EAST OF NEW ROCHELLE STAT
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0308130 / 2004-07-16
ID/Status: 279322
ID/Status: 2003-10-31

Operable Unit ID: 874415
Operable Unit: 01
Material ID: 501652
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016974052 **DIST/DIR:** 0.116 East **ELEVATION:** 97 **MAP ID:** O81

**NAME:** CON EDISON MANHOLE: 12758
**ADDRESS:** MAIN ST & CHURCH ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004478624

RCRA NonGen / NLR:
Date form received by agency: 04/25/2014
Facility name: CON EDISON MANHOLE: 12758
Facility address: MAIN ST & CHURCH ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004478624
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 03/25/2014
Site name: CON EDISON MANHOLE: 12758
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016963458 **DIST/DIR:** 0.116 East **ELEVATION:** 97 **MAP ID:** O82

**NAME:** CON EDISON TRANSFORMER MANHOLE: 5042
**ADDRESS:** MAIN ST & CHRUCH ST
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004364576

RCRA NonGen / NLR:
Date form received by agency: 10/23/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 5042
Facility address: MAIN ST & CHRUCH ST
NEW ROCHELLE, NY 10801
EPA ID: NYP004364576
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 09/23/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 5042
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016974043 **DIST/DIR:** 0.116 East **ELEVATION:** 97 **MAP ID:** O83

**NAME:** CON EDISON TRANSFORMER MANHOLE: 3586
**Rev:** 03/25/2019
ID/Status: NYP004478517

**ADDRESS:** CHURCH ST & MAIN ST
NEW ROCHELLE, NY 10802
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

RCRA NonGen / NLR:
Date form received by agency: 04/25/2014
Facility name: CON EDISON TRANSFORMER MANHOLE: 3586
Facility address: CHURCH ST & MAIN ST
NEW ROCHELLE, NY 10802
EPA ID: NYP004478517
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 03/25/2014
Site name: CON EDISON TRANSFORMER MANHOLE: 3586
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S107658956 **DIST/DIR:** 0.116 East **ELEVATION:** 97 **MAP ID:** O84

**NAME:** COMMERCIAL PROPERTY
**ADDRESS:** 518,522&525 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0600054 / 2011-01-13
ID/Status: 361977
ID/Status: 2006-04-03

SPILLS:
Name: COMMERCIAL PROPERTY
Address: 518,522&525 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0600054 / 2011-01-13
Facility ID: 0600054
Facility Type: ER
DER Facility ID: 312228
Site ID: 361977
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B4
SWIS: 6010
Spill Date: 2006-04-03
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2006-04-03
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-04-03
Spill Record Last Update: 2011-01-13
Spiller Name: MR SAMUAL GACCIONE
Spiller Company: SIMONE CHURCH STREET LLC
Spiller Address: 518 MAIN STREET
Spiller Company: 999
Contact Name: MR SAMUAL GACCIONE
DEC Memo: "04/04/06: Borings around tank (probabaly 275-550) showed contamination; no known impacts at this time; will report to O'Dee and remove tank as part of property redevelopment. 04/10/06 Report rec'd from JC Broderick & Associates, Inc. A Geo Probe survey was performed in the vicinty of 1 of 2 tanks on the parcel and ZPetroleum conaminationm was present in subsurface soils. Other tank was in an inaccessible location so conditions are unknown there. Report author stated that the property is going to be redeveloped. TG 05/08/06 Letter sent to Samuel Gaccione of the TNS Developement Group requirng that the petroleum impacted soil surrounding the tank be excavated

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S107658956 **DIST/DIR:** 0.116 East **ELEVATION:** 97 **MAP ID:** O84

**NAME:** COMMERCIAL PROPERTY
**ADDRESS:** 518,522&525 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0600054 / 2011-01-13
ID/Status: 361977
ID/Status: 2006-04-03

and removed. TG 11/03/10 Bill Shlagetter from Preferred Environmental called and reported that a one thousand gallon tank will be removed beginning on Monday Nov 8, 2010. UST removal report will be submitted. TG 1/12/11 Underground Storage Tank Closure and Spill Remediation Report received from Preferred Environmental (placed on Edocs). 1,000 gallon UST removed along with 146.5 tons of impacted soil. NFA. TG"
Remarks: "CONTAMINATED SOIL AT THIS LOCATION:"

All Materials:
Site ID: 361977
Operable Unit ID: 1120090
Operable Unit: 01
Material ID: 2109574
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000790435 **DIST/DIR:** 0.121 NNW **ELEVATION:** 79 **MAP ID:** T85

**NAME:** NYSDOT BIN 1091390

**ADDRESS:** DIVISION ST OVER I 95
NEW ROCHELLE, NY 10803
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987019197

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT BIN 1091390
Facility address: DIVISION ST OVER I 95
NEW ROCHELLE, NY 10803
EPA ID: NYD987019197
Mailing address: BURNETT BLVD
POUGHKEEPSIE, NY 12603
Contact: RICHARD MANNS
Contact address: BURNETT BLVD
POUGHKEEPSIE, NY 12603
Contact country: US
Contact telephone: 914-431-5743
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYSDOT
Owner/operator address: 4 BURNETT BLVD
POUGHKEEPSIE, NY 12603
Owner/operator country: US
Owner/operator telephone: 914-431-5743
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 4 BURNETT BLVD
POUGHKEEPSIE, NY 12603
Owner/operator country: US
Owner/operator telephone: 914-431-5743
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000790435 **DIST/DIR:** 0.121 NNW **ELEVATION:** 79 **MAP ID:** T85

**NAME:** NYSDOT BIN 1091390

**ADDRESS:** DIVISION ST OVER I 95
NEW ROCHELLE, NY 10803
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD987019197

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYSDOT BIN 1091390
Classification: Not a generator, verified

Date form received by agency: 09/25/1992
Site name: NYSDOT BIN 1091390
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104647160 **DIST/DIR:** 0.121 NNW **ELEVATION:** 79 **MAP ID:** T86

**NAME:** SPILL NUMBER 9803949

**ADDRESS:** MILEPOST 5.5 SB I95
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9803949 / 1998-06-29
ID/Status: 166821
ID/Status: 1998-06-29

SPILLS:
Name: SPILL NUMBER 9803949
Address: MILEPOST 5.5 SB I95
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9803949 / 1998-06-29
Facility ID: 9803949
Facility Type: ER
DER Facility ID: 140562
Site ID: 166821
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6010
Spill Date: 1998-06-29
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-06-29
CID: 207
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-06-29
Spill Record Last Update: 1998-07-02
Spiller Name: MR STEPHEN WELDON
Spiller Company: STEPHENS TRANSP INC
Spiller Address: 60 JOFFRE
Spiller Company: 001
Contact Name: SGT POWELL
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "drive shaft broke on trk rupturing the saddle tank - cleanup in progress"

All Materials:
Site ID: 166821
Operable Unit ID: 1064663
Operable Unit: 01
Material ID: 322269
Material Code: 0008

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S104647160 **DIST/DIR:** 0.121 NNW **ELEVATION:** 79 **MAP ID:** T86

**NAME:** SPILL NUMBER 9803949

**ADDRESS:** MILEPOST 5.5 SB I95
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9803949 / 1998-06-29
ID/Status: 166821
ID/Status: 1998-06-29

Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109416166 **DIST/DIR:** 0.121 WSW **ELEVATION:** 73 **MAP ID:** U87

**NAME:** STRUTIN RESIDENCE
**ADDRESS:** 25 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9002502 / 1990-06-05
ID/Status: 0811390 / 2009-03-24
ID/Status: 187065
ID/Status: 408966
ID/Status: 1990-06-04

SPILLS:
Name: BONILLE RESIDENCE
Address: 25 BARTELS PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9002502 / 1990-06-05
Facility ID: 9002502
Facility Type: ER
DER Facility ID: 156311
Site ID: 187065
DEC Region: 3
Spill Cause: Other
Spill Class: C5
SWIS: 6010
Spill Date: 1990-06-04
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1990-06-04
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Responsible Party
Cleanup Ceased: 1953-06-18
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1990-06-05
Spill Record Last Update: 2009-01-02
Spiller Name: Not reported
Spiller Company: ROBISON OIL
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "CURBSIDE FILL;FUEL CAME OUT VENT RAN ON GROUND EES RESPONDING"

All Materials:
Site ID: 187065
Operable Unit ID: 942359
Operable Unit: 01
Material ID: 437246
Material Code: 0001A
Material Name: #2 fuel oil

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109416166 **DIST/DIR:** 0.121 WSW **ELEVATION:** 73 **MAP ID:** U87

**NAME:** STRUTIN RESIDENCE
**ADDRESS:** 25 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9002502 / 1990-06-05
ID/Status: 0811390 / 2009-03-24
ID/Status: 187065
ID/Status: 408966
ID/Status: 1990-06-04

Case No.: Not reported
Material FA: Petroleum
Quantity: 4.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: STRUTIN RESIDENCE
Address: 25 BARTELS PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0811390 / 2009-03-24
Facility ID: 0811390
Facility Type: ER
DER Facility ID: 156311
Site ID: 408966
DEC Region: 3
Spill Cause: Unknown
Spill Class: B3
SWIS: 6010
Spill Date: 2009-01-15
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2009-01-15
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 2009-01-15
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2009-01-15
Spill Record Last Update: 2009-03-24
Spiller Name: Not reported
Spiller Company: STRUTTIN RESIDENCE
Spiller Address: 25 BARTELS PLACE
Spiller Company: 999
Contact Name: CHRIS LALAK
DEC Memo: "WCDOH WILL FOLLOW UP ON CLEAN TOMORROW. 3/24/09: Same spill as 08-10846. Clean up was completed. NFA jod"
Remarks: "CALLER STATES THAT THERE IS PRODUCT IN THE ARE OF THE FILL PIPE WHICH RAN DOWN THE CURB AND INTO A STORM DRAIN. CLEAN UP IS PENDING."

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S109416166 **DIST/DIR:** 0.121 WSW **ELEVATION:** 73 **MAP ID:** U87

**NAME:** STRUTIN RESIDENCE
**ADDRESS:** 25 BARTELS PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9002502 / 1990-06-05
ID/Status: 0811390 / 2009-03-24
ID/Status: 187065
ID/Status: 408966
ID/Status: 1990-06-04

All Materials:
Site ID: 408966
Operable Unit ID: 1165471
Operable Unit: 01
Material ID: 2156882
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S111318350 **DIST/DIR:** 0.121 SE **ELEVATION:** 101 **MAP ID:** 88

**NAME:** CONCRETE TO STORM DRAIN
**ADDRESS:** 25 LEROY PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1109466 / 2011-10-28
ID/Status: 457242
ID/Status: 2011-10-28

SPILLS:
Name: CONCRETE TO STORM DRAIN
Address: 25 LEROY PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1109466 / 2011-10-28
Facility ID: 1109466
Facility Type: ER
DER Facility ID: 411723
Site ID: 457242
DEC Region: 3
Spill Cause: Human Error
Spill Class: C3
SWIS: 6010
Spill Date: 2011-10-28
Investigator: dxtraver
Referred To: Not reported
Reported to Dept: 2011-10-28
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 2011-10-28
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2011-10-28
Spill Record Last Update: 2011-10-31
Spiller Name: ROBERT SCHEPIS
Spiller Company: INTERCOUNTY CONTRACTING
Spiller Address: 25 LEROY PLACE
Spiller Company: 999
Contact Name: CALLER
DEC Memo: "10/28/11- Spill of paint on rooftop entered roof drains to storm drain. Spiller cleaning up paint which was all contained within storm drain. Spoke to Barbara of WCHD. NFA DT"
Remarks: "Apartment building"

All Materials:
Site ID: 457242
Operable Unit ID: 1207368
Operable Unit: 01
Material ID: 2204641
Material Code: 0055A

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S111318350 **DIST/DIR:** 0.121 SE **ELEVATION:** 101 **MAP ID:** 88

**NAME:** CONCRETE TO STORM DRAIN

**ADDRESS:** 25 LEROY PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1109466 / 2011-10-28
ID/Status: 457242
ID/Status: 2011-10-28

Material Name: paint
Case No.: Not reported
Material FA: Other
Quantity: 1.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100177795 **DIST/DIR:** 0.122 East **ELEVATION:** 96 **MAP ID:** 89

**NAME:** COMMERCIAL BUILDING
**ADDRESS:** 507 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9110835 / 1992-03-10
ID/Status: 286303
ID/Status: 1992-01-17

LTANKS:
Name: COMMERCIAL BUILDING
Address: 507 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9110835 / 1992-03-10
Facility ID: 9110835
Site ID: 286303
Spill Date: 1992-01-17
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1992-02-06
SWIS: 6010
Investigator: TAYLOR
Referred To: Not reported
Reported to Dept: 1992-01-17
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: 1992-02-06
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-01-23
Spill Record Last Update: 1992-03-10
Spiller Name: Not reported
Spiller Company: EPHRAIM ASSOC.
Spiller Address: 300 EAST 74TH STREET
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 232045
DEC Memo: ""
Remarks: "BANK AGREEMENT ASSESMENT REVEALED 1K #2 FUEL TANK 12 IN CONCRETE
REMAINDER A/G IN BRICK VAULT TANK PULLED TODAY WITH ONE HOLE IN
BOTTOM CONCRETE SLAB NOT CRACKED WILL PULL AND INSPECT ON MONDAY"

All Materials:
Site ID: 286303
Operable Unit ID: 960971
Operable Unit: 01
Material ID: 415913

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100177795 **DIST/DIR:** 0.122 East **ELEVATION:** 96 **MAP ID:** 89

**NAME:** COMMERCIAL BUILDING
**ADDRESS:** 507 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9110835 / 1992-03-10
ID/Status: 286303
ID/Status: 1992-01-17

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1017773973 **DIST/DIR:** 0.123 SSE **ELEVATION:** 101 **MAP ID:** V90

**NAME:** CON EDISON SERVICE BOX: 3313
**ADDRESS:** CENTRE AVE & LEROY
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004517694

RCRA NonGen / NLR:
Date form received by agency: 05/30/2014
Facility name: CON EDISON SERVICE BOX: 3313
Facility address: CENTRE AVE & LEROY
NEW ROCHELLE, NY 10801
EPA ID: NYP004517694
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 04/30/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 04/30/2014
Site name: CON EDISON
Classification: Not a generator, verified

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1017773973 **DIST/DIR:** 0.123 SSE **ELEVATION:** 101 **MAP ID:** V90

**NAME:** CON EDISON SERVICE BOX: 3313

**ADDRESS:** CENTRE AVE & LEROY
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004517694

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1016973761 **DIST/DIR:** 0.123 SSE **ELEVATION:** 101 **MAP ID:** V91

**NAME:** CON EDISON SERVICE BOX: 3313
**ADDRESS:** LEROY PL & CENTER AVE
NEW ROCHELLE, NY 10802
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYP004475687

RCRA NonGen / NLR:
Date form received by agency: 04/22/2014
Facility name: CON EDISON SERVICE BOX: 3313
Facility address: LEROY PL & CENTER AVE
NEW ROCHELLE, NY 10802
EPA ID: NYP004475687
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 03/22/2014
Site name: CON EDISON SERVICE BOX: 3313
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102241802 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W92

**NAME:** RUSH MANUFACTURING
**ADDRESS:** 381 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9604099 / 2018-10-18
ID/Status: 121152
ID/Status: 1996-06-06

SPILLS:
Name: RUSH MANUFACTURING
Address: 381 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9604099 / 2018-10-18
Facility ID: 9604099
Facility Type: ER
DER Facility ID: 105154
Site ID: 121152
DEC Region: 3
Spill Cause: Housekeeping
Spill Class: B3
SWIS: 6010
Spill Date: 1996-06-06
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 1996-06-25
CID: 266
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-06-25
Spill Record Last Update: 2018-10-18
Spiller Name: TOM RUSH
Spiller Company: RUSH MANUFACTURING
Spiller Address: 381 HUGUENOT STREET
Spiller Company: 001
Contact Name: TOM RUSH
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/16/15 Call received from George Wang from YU & Associates, Elmwood Park NJ (201)773-9524. His company is performing a Phase I & II on the site. He will send the Phase II report when it is complete. TG 5/16/16: Call to spill dispatch desk. Caller id from Duke Energy (?) 713-627-5505, consultant for a bank, requesting contact information for the DEC case manager. jod 05/16/16 The following email was received: Dear Mr. Ghiosay, This is Wenqing Fang with Cider Environmental. We represent the owner of 381 Huguenot Street, New Rochelle, NY. The property has an active NYSDEC Spill case (No.

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

NY Spills

**EDR ID:** S102241802 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W92

**NAME:** RUSH MANUFACTURING
**ADDRESS:** 381 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9604099 / 2018-10-18
ID/Status: 121152
ID/Status: 1996-06-06

9604099), and is slated for redevelopment. It is our intention to work with the DEC to achieve closure during the site redevelopment. The first step is to develop a Remedial Action Work Plan (RAWP) with DEC approval within 3 months. We recently performed Phase I/II ESA at the site. The Phase I/II reports and the proposed site redevelopment plan are available upon request. Looking forward to working with you on this project. Regards, Wenqing
_____ Wenqing Fang, P.E. - Principal - Cider Environmental, LLC. 6268 Jericho Turnpike, Suite 12, Commack, NY 11725 T: (631) 616-4000 - C: (631) 790-3338 - F: (631) 980-7972 - E: wfang@ciderenvironmental.com www.ciderenvironmental.com 10/18/18 - Spoke with Lanners, BCP PM for C360157 (same site), spill will be handled under the BCP RAWP. Spill is administratively closed."

Remarks: "PHASE 2 SITE ASSESSMENT. FOUND SOIL CONTAMINATION AND GROUNDWATER CONTAMINATION. APPEARS GROUNDWATER CONTAMINATION IS BELOW ACTION LIMITS. UNSURE IF IT'S FROM A FUEL OIL LINE ON THE PROPERTY OR A LEAK FROM ADJACENT PROPERTY. FUEL OIL LINE TO BE EXCAVATED AND CHECKED . FURTHER ACTION TO FOLLOW FROM THERE."

All Materials:
Site ID: 121152
Operable Unit ID: 1035221
Operable Unit: 01
Material ID: 350384
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

BROWNFIELDS:
Name: THE HUGUENOT
Address: 381-393 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY 10801
Program: BCP
Site Code: 544502
Acres: 0.39
HW Code: C360157
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 03/29/2017
Record Updated Date: 02/28/2019
Update By: AMOMOROG
Site Description: Location: The 0.39-acre site is located in an urban area at 381-393 Huguenot Street, in New Rochelle, Westchester County. The site is bound to the north by a vacant store (first floor) with a residential unit above; to the south by a three-story residential apartment building and a one-story residential building; to the east by Huguenot Street and beyond by a gasoline filling station; and to the west by an office building/warehouse. Site Features: The site consists of four irregular-shaped parcels and currently maintains two structures. A 3,400-square foot one-story building with a partial basement sits on the south end of the site which, until August of 2018, was used for office and storage space associated with a U-Haul business, a real-estate firm, and a janitorial supply business. The second structure is a two-story building located on the north end of the site that until June of 2018 housed a church ministry on the first floor, two apartments on the second floor, and a hydraulic repair business in the basement. Both buildings are now vacant pending demolition. Current Zoning and Land Use: The site is located within the City of New Rochelle's recently designated (2015) Downtown Overlay Zone in a mixed-use setting. The site and surrounding parcels are utilized for mixed commercial and residential uses. The nearest residential dwellings include two apartment buildings on the adjacent property south of the site, with mixed-use commercial/residential properties located immediately north of the site and to the east across Huguenot Street. Past Use of the Site: The northern portion of the site has been utilized for dry cleaning services since 1931, and for manufacturing since the 1970s to 2010s. The potential source of contamination in this area includes the former dry cleaning operations and former fuel oil underground storage tanks (USTs) located on-site. The central portion of the site has maintained a residential dwelling since 1931, and has been used for truck and trailer parking since the 1990s. The potential source of

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

contamination in this area includes a former fuel oil UST, which was removed prior to 1997. The southern portion of the site has maintained a gasoline filling station and car wash from the 1930s to the 1950s, and then a warehouse from the 1970s to 2010s. The potential source of contamination in this area includes former gasoline USTs and a car wash operation. In addition, urban fill material was encountered throughout the site. A spill was reported on June 6, 1996 at 381 Huguenot Street due to soil and groundwater contamination encountered during a previous site investigation (NYSDEC Spill #9604099). Phase I and II Environmental Site Assessments (ESAs) were performed in March 2016 at the site to evaluate potential environmental impacts. In February 2017 a Supplemental Subsurface Investigation (SSI) was conducted at the site to further define the environmental impacts present on-site. Site Geology and Hydrogeology: The site is overlain by a layer of urban fill material consisting of a heterogeneous mixture of medium to fine sand and silt, coarse to fine gravel and occasional asphalt, concrete and brick fragments, which varies in thickness between 1 and 6 feet. Below the fill is a native soil layer made up of medium to fine sand with silt, coarse to fine gravel, and occasional cobbles. Weathered bedrock was encountered at depths between approximately 5 and 20 feet below grade, while more competent bedrock was found at depths between approximately 10 and 24 feet below grade. Groundwater was encountered at depths between approximately 6 and 9 feet below grade and flows in a west-northwest direction.

Env Problem: Nature and Extent of Contamination: Based upon investigations conducted to date, the primary contaminants of concern found in site soils include semi-volatile organic compounds (SVOCs) and metals. The primary contaminants of concern found in site groundwater include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals. Soil - Numerous soil borings were completed between 2016 and 2018 to delineate the nature and extent of contamination on the site. Soil samples were analyzed for VOCs, SVOCs, metals, pesticides and PCBs. The investigations identified SVOCs and metals contamination in shallow soils at numerous locations across the site at concentrations exceeding restricted residential use soil cleanup objectives (RRSCOs). SVOCs identified in the on-site soils exceeding applicable RRSCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene at maximum concentrations of 5.8 parts per million (ppm), 5.8 ppm, 5.6 ppm, 5.4 ppm, 5.8 ppm, 0.72 ppm and 4.0 ppm, respectively. The RRSCOs for these compounds are 1.0 ppm, 1.0 ppm, 1.0 ppm, 3.9 ppm, 3.9 ppm, 0.33 ppm, and 0.5 ppm, respectively. Metals detected in the on-site soil exceeding applicable RRSCOs include cadmium, lead, and mercury at

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

maximum concentrations of 4.79 ppm, 4,330 ppm, and 1.26 ppm, respectively. The RRSCOs for these metals are 4.3 ppm, 400 ppm, and 0.81 ppm, respectively. While no VOCs were detected above RRSCOs in any of the soil samples, VOCs were found in shallow soils at levels exceeding unrestricted use soil cleanup objectives (UUSCOs). VOCs identified in the shallow on-site soils exceeding applicable UUSCOs include trichloroethene (TCE) and xylenes at maximum concentrations of 3.1 ppm and 3.49 ppm, respectively. The UUSCOs for these compounds are 0.47 ppm and 0.26 ppm, respectively. No pesticides were detected above RRSCOs in any of the soil samples. PCBs were identified in deeper soils at one location at a concentration of 3.0 ppm, exceeding the RRSCO of 1.0 ppm. Groundwater - On-site groundwater was investigated through the installation of monitoring wells located on and around the site. Groundwater investigations were conducted between 2016 and 2018 and included analyses for VOCs, SVOCs, metals, pesticides, PCBs, and per- and polyfluoroalkyl substances (PFAS). VOCs identified in site groundwater in excess of ambient water quality standards include ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, trichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and 1,3-dichlorobenzene at maximum concentrations of 22 parts per billion (ppb), 190 ppb, 240 ppb, 400 ppb, 48 ppb, 220 ppb, 6.3 ppb, 20 ppb, 6 ppb, and 6.8 ppb, respectively. The ambient water quality standard for each of these compounds is 5 ppb, except for 3-dichlorobenzene at 3 ppb. SVOCs identified in on-site groundwater in excess of standards include benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluorene, indeno(1,2,3-c,d)pyrene, naphthalene, phenanthrene, and phenol at maximum concentrations of 0.55 ppb, 0.35 ppb, 0.29 ppb, 0.57 ppb, 1,700 ppb, 0.05 ppb, 2,900 ppb, 2,900 ppb, and 1.4 ppb, respectively. The ambient water quality standards for these compounds are 0.002 ppb, 0.002 ppb, 0.002 ppb, 0.002 ppb, 50 ppb, 0.002 ppb, 10 ppb, 50 ppb, and 1 ppb, respectively. Metals identified in site groundwater in excess of standards include aluminum, iron, magnesium, manganese, selenium, and sodium at maximum concentrations of 791 ppb, 52,500 ppb, 45,000 ppb, 16,000 ppb, 12 ppb, and 358,000 ppb, respectively. The ambient water quality standards for these metals are 100 ppb, 300 ppb, 35,000 ppb, 300 ppb, 10 ppb, and 20,000 ppb, respectively. No pesticides were detected above standards in any of the groundwater samples collected in 2018. PCBs were detected in site groundwater at one upgradient well location at a concentration of 0.094 ppb, slightly exceeding the ambient water quality standard of 0.09 ppb. Several PFAS compounds were detected in all the groundwater samples collected both on and off-site in 2018. Total PFOA+PFOS levels ranged from 25.8 to 184

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BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

parts per trillion (ppt) in the five on-site monitoring wells, and 16.7 to 32 ppt in the three off-site monitoring wells. Three of the five on-site monitoring wells were found with total PFOA+PFOS levels exceeding the Environmental Protection Agency s (EPA's) health advisory level of 70 ppt, with the highest levels found in the two monitoring wells located on the south side of the site adjacent to the former car wash and gas station. The third on-site monitoring well with total PFOA+PFOS levels exceeding the EPA health advisory level of 70 ppt is located on the west side of the site downgradient of the former dry-cleaning operation. Soil Vapor - Soil vapor samples were collected at two locations in the northern portion of the site (former dry cleaner location and beneath existing building) during the Phase II Environmental Site Assessment in 2016 and analyzed for VOCs. Primary contaminants identified in the on-site soil vapor included benzene, toluene, ethylbenzene, and xylene, collectively known as BTEX, and chlorinated VOCs (tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride) at maximum concentrations of 23.8 micrograms per cubic meter ( g/m3), 35.7 g/m3, 133 g/m3, 397 g/m3, 4.37 g/m3, 14.3 g/m3, 18.4 g/m3, and 74.6 g/m3, respectively. Indoor Air and Sub-Slab Vapor Soil vapor intrusion sampling was offered to owners of six buildings surrounding the site and only one of the six owners agreed to the sampling. Soil vapor intrusion sampling was conducted during the Remedial Investigation in March 2018 at this adjacent building located north of the site that houses a church ministry on the first floor with apartments located above. Air samples collected were analyzed for VOCs. Carbon tetrachloride, methylene chloride and tetrachloroethene (PCE) were detected in the sub-slab soil vapor and indoor air (basement and 1st floor), with carbon tetrachloride and PCE also detected in the ambient (outdoor) air locations. Carbon tetrachloride levels ranged from 0.53 g/m3 (sub-slab) to 0.61 g/m3 (indoor air, maximum), to 0.54 g/m3 (ambient air, maximum). Methylene chloride levels ranged from 6.21 g/m3 (sub-slab) to 6.53 g/m3 (indoor air, maximum), to non-detect (ambient air). PCE levels ranged from 0.83 g/m3 (sub-slab) to 0.89 g/m3 (indoor air, maximum), to 0.57 g/m3 (ambient air, maximum). A comparison of the soil vapor intrusion sampling results with the NYSDOH Soil Vapor/Indoor Air Decision Matrices indicates no further actions are recommended to address human exposures. However, since only one of the six off-site buildings was allowed access and sampled, further evaluations are needed to determine if soil vapor intrusion is a potential concern for other off-site buildings.

Health Problem: People will not come into contact with contaminated soil or groundwater unless they dig below ground surface. People are not drinking the contaminated groundwater because the area is served by a

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT
**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. However, an evaluation of the potential for soil vapor intrusion to occur is recommended for any site redevelopment. Soil vapor intrusion sampling was conducted at one off-site building and no soil vapor intrusion concerns were identified. Further evaluations are needed to determine if soil vapor intrusion is a potential concern for other off-site buildings.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2018-10-22 12:50:00
Record Upd: 2018-10-22 12:52:00
Updated By: DRLANNER
Own Op: Document Repository
Sub Type: NNN
Owner Name: Larry Sheldon
Owner Company: New Rochelle Public Library
Owner Address: One Library Plaza
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P02
Owner Name: Frank Chechile
Owner Company: 381-383 Huguenot LLC
Owner Address: 11604 Luvie Ct.
Owner Addr2: Not reported
Owner City,St,Zip: Potamac, MD 20854
Owner Country: United States of America
HW Code: C360157
Waste Type: manganese
Waste Quantity: UNKNOWN

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 544502

Waste Code: Not reported
HW Code: C360157
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: 1,3-dichlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: selenium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: 1,3,5-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: isopropylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: phenol
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: phenanthrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: magnesium
Waste Quantity: UNKNOWN
Waste Code: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**Rev:** 05/13/2019
ID/Status: 544502

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

HW Code: C360157
Waste Type: iron
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: cadmium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: butylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: sodium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: benzo(b)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: fluorene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S120706214 **DIST/DIR:** 0.123 SSW **ELEVATION:** 90 **MAP ID:** W93

**NAME:** THE HUGUENOT

**Rev:** 05/13/2019
ID/Status: 544502

**ADDRESS:** 381-393 HUGUENOT STREET
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: naphthalene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: dibenz[a,h]anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: sec-butylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360157
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9604099
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-10-19 11:54:00
Record Updated: 2018-10-19 11:54:00
Updated By: JBODEE

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

DRYCLEANERS

**EDR ID:** S110247943 **DIST/DIR:** 0.124 North **ELEVATION:** 83 **MAP ID:** S94

**NAME:** SOUND CLEANER **Rev:** 11/05/2018

**ADDRESS:** 63 MEMORIAL HWY
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

DRYCLEANERS:
Name: SOUND CLEANER
Address: 63 MEMORIAL HWY
City,State,Zip: NEW ROCHELLE, NY 10801
Facility ID: Not reported
Phone Number: Not reported
Region: 3
Registration Effective Date: Not reported
Inspection Date: Not reported
Install Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000100357 **DIST/DIR:** 0.124 WSW **ELEVATION:** 71 **MAP ID:** U95

**NAME:** J B & FRANKS
**ADDRESS:** 27 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD986884732

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: J B & FRANKS
Facility address: 27 BARTELS PL
NEW ROCHELLE, NY 10801-6901
EPA ID: NYD986884732
Mailing address: BARTELS PL
NEW ROCHELLE, NY 10804
Contact: Not reported
Contact address: BARTELS PL
NEW ROCHELLE, NY 10804
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: ANTHONY LANTZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANTHONY LANTZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

RCRA NonGen / NLR

**EDR ID:** 1000100357 **DIST/DIR:** 0.124 WSW **ELEVATION:** 71 **MAP ID:** U95

**NAME:** J B & FRANKS

**ADDRESS:** 27 BARTELS PL
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** US Environmental Protection Agency

**Rev:** 03/25/2019
ID/Status: NYD986884732

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: J B & FRANKS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: J B & FRANKS
Classification: Not a generator, verified

Date form received by agency: 12/01/1989
Site name: J B & FRANKS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658107 **DIST/DIR:** 0.140 ESE **ELEVATION:** 99 **MAP ID:** 96

**NAME:** CHURCH-DIVISION STREET, TOWER A
**Rev:** 05/13/2019
ID/Status: 582599

**ADDRESS:** 26 SOUTH DIVISION STREET
NEW ROCHELLE, NY 10805
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

BROWNFIELDS:
Name: CHURCH-DIVISION STREET, TOWER A
Address: 26 SOUTH DIVISION STREET
City,State,Zip: NEW ROCHELLE, NY 10805
Program: BCP
Site Code: 582599
Acres: 0.992
HW Code: C360187
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 02/22/2019
Record Updated Date: 04/11/2019
Update By: AMSERVIS
Site Description: Location: The Church-Division Street Redevelopment, Tower A (the Project), is located in the City of New Rochelle, Westchester County, New York, and is a mixed-use, ground-up development on a 0.992-acre lot located at 26 South Division Street, New Rochelle, New York. The property is located in a mixed use commercial and residential neighborhood and is bounded on the west by South Division Street and on the east by Church Street. The currently vacant site formerly housed a portion of a 62,500 square foot municipal parking garage, which was recently demolished. The through-block site has frontage on both Church and South Division Streets and is situated between Main St and Prospect St. The physical address of the property is 26 S. Division St, New Rochelle, NY 10805. The site is a portion of block 414, lot 8. Site Features: The Site comprises a vacant lot. Current Zoning and Land Use: The Site is zoned DO-2 (Downtown Overlay Zone District). Site Geology and Hydrogeology: The topography in the general area slopes downward to the southwest. Based on the U.S. Geological Survey, Mount Vernon, NY Quadrangle (2013) map, the Site is approximately 35 feet above the National Geodetic Vertical Datum of 1988 (an approximation of sea level). Presumed bedrock was encountered during this investigation at depths ranging from 7 to 13.5 feet below grade. Groundwater in the area is assumed to flow in a generally southeasterly direction towards the New Rochelle Harbor, approximately 2,000 feet away. However, actual groundwater flow can be affected by many factors including underground utilities, and other factors beyond the scope of the studies completed to date. There are no surface water bodies or streams at or adjacent to the Property.
Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.
Health Problem: Information submitted with the BCP application regarding the

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658107 **DIST/DIR:** 0.140 ESE **ELEVATION:** 99 **MAP ID:** 96

**NAME:** CHURCH-DIVISION STREET, TOWER A
**Rev:** 05/13/2019
ID/Status: 582599

**ADDRESS:** 26 SOUTH DIVISION STREET
NEW ROCHELLE, NY 10805
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

conditions at the site are currently under review and will be revised
as additional information becomes available.
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Owner
Sub Type: C01
Owner Name: n/a
Owner Company: city of new rochelle
Owner Address: 515 north avenue
Owner Addr2: Not reported
Owner City,St,Zip: new rochelle, NY 10801
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: jared dworken
Owner Company: Rxr church-division tower a holdings llc
Owner Address: 75 rockefeller plaza, suite 1300
Owner Addr2: Not reported
Owner City,St,Zip: new york, NY 10019
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: tom geoffino
Owner Company: New Rochelle Public Library
Owner Address: one library plaza
Owner Addr2: Not reported
Owner City,St,Zip: new rochelle, NY 10801
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S123658107 **DIST/DIR:** 0.140 ESE **ELEVATION:** 99 **MAP ID:** 96

**NAME:** CHURCH-DIVISION STREET, TOWER A

**ADDRESS:** 26 SOUTH DIVISION STREET
NEW ROCHELLE, NY 10805
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 582599

Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S118953553 **DIST/DIR:** 0.144 NE **ELEVATION:** 94 **MAP ID:** X97

**NAME:** LAWTON STREET REALTY CORP
**ADDRESS:** 41-43 LAWTON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1706064 / 2019-02-15
ID/Status: 1605726 / 2019-02-15
ID/Status: 560365
ID/Status: 532284
ID/Status: 2017-09-21

LTANKS:
Name: LAWTON STREET REALTY CORP
Address: 41-43 LAWTON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1706064 / 2019-02-15
Facility ID: 1706064
Site ID: 560365
Spill Date: 2017-09-21
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2017-09-21
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2017-09-21
Spill Record Last Update: 2019-02-15
Spiller Name: Not reported
Spiller Company: MIKE LAGE
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: MIKE LAGE
Spiller Phone: (914) 804-6934
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 486301
DEC Memo: "9/21/17 3000 gallon UST failed TT with hissing. Same tank failed test last year. Owner is waiting on Con Ed to convert over to natural gas. Conversion should be finished in 3-4 months. Tank will be pulled in approx. 6 months. WC PBS# 3-801435. ga 9-27-17 From Wchd, TTF at a PBS site. 41-43 Lawton St, New Rochelle 3k UST heating oil Old open TTF on site 1605726 RDB 02/14/19 Northeast Environmental reported that they excavated and removed the tank along with 33.96 tons of contaminated soil. Post excavation soil sample results were below DEC soil guidance values. NFA. TG "

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S118953553 **DIST/DIR:** 0.144 NE **ELEVATION:** 94 **MAP ID:** X97

**NAME:** LAWTON STREET REALTY CORP
**ADDRESS:** 41-43 LAWTON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1706064 / 2019-02-15
ID/Status: 1605726 / 2019-02-15
ID/Status: 560365
ID/Status: 532284
ID/Status: 2017-09-21

Remarks: "3000 gal ust"

All Materials:
Site ID: 560365
Operable Unit ID: 1308365
Operable Unit: 01
Material ID: 2315311
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

Name: LAWTON STREET REALTY CORP
Address: 41-43 LAWTON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1605726 / 2019-02-15
Facility ID: 1605726
Site ID: 532284
Spill Date: 2016-09-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2016-09-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2016-09-07
Spill Record Last Update: 2019-02-15
Spiller Name: MICHAEL LAGE
Spiller Company: LAWTON STREET REALTY CORP
Spiller Address: 41-43 LAWTON ST

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S118953553 **DIST/DIR:** 0.144 NE **ELEVATION:** 94 **MAP ID:** X97

**NAME:** LAWTON STREET REALTY CORP
**ADDRESS:** 41-43 LAWTON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1706064 / 2019-02-15
ID/Status: 1605726 / 2019-02-15
ID/Status: 560365
ID/Status: 532284
ID/Status: 2017-09-21

Spiller County: 999
Spiller Contact: MICHAEL LAGE
Spiller Phone: (914) 804-6934
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 486301
DEC Memo: "9/7/16 Called Tank Tech - 3000 gal tank failed with popping sound indicative of piping & fitting failure. Owner notified on site. Spoke to owner. Tank to be removed & replaced, contract pending. Property is 13 residential & 2 commercial. Building is on municipal water. Sent owner draft guidelines and contractor list. ga 5-4-17 Meeting with WCDOH. WC to follow up. GHP 02/14/19 Northeast Environmental reported that they excavated and removed the tank along with 33.96 tons of contaminated soil. Post excavation soil sample results were below DEC soil guidance values. NFA. TG"
Remarks: "pbs tank failure"

All Materials:
Site ID: 532284
Operable Unit ID: 1281058
Operable Unit: 01
Material ID: 2286307
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995872 **DIST/DIR:** 0.152 ENE **ELEVATION:** 94 **MAP ID:** Y98

**NAME:** CITY NEW ROCHELLE LIBRARY
**ADDRESS:** 1 LAWTON STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0201697 / 2002-09-18
ID/Status: 1311408 / Not Reported
ID/Status: 306611
ID/Status: 492304
ID/Status: 2002-05-15

LTANKS:
Name: CITY NEW ROCHELLE LIBRARY
Address: 1 LAWTON STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0201697 / 2002-09-18
Facility ID: 0201697
Site ID: 306611
Spill Date: 2002-05-15
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6000
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-05-15
CID: 282
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-05-15
Spill Record Last Update: 2002-09-23
Spiller Name: SAME
Spiller Company: NEW ROCHELLE LIBRARY
Spiller Address: 1 LAWTON STREET
Spiller County: 001
Spiller Contact: FRANK GALLELO
Spiller Phone: (914) 654-2316
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 274126
DEC Memo: ""
Remarks: "TANK FAILED THE TEST "

All TTF:
Facility ID: 0201697
Spill Number: 0201697
Spill Tank Test: 1527134
Site ID: 306611
Tank Number: 1
Tank Size: 10000

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995872 **DIST/DIR:** 0.152 ENE **ELEVATION:** 94 **MAP ID:** Y98

**NAME:** CITY NEW ROCHELLE LIBRARY
**ADDRESS:** 1 LAWTON STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0201697 / 2002-09-18
ID/Status: 1311408 / Not Reported
ID/Status: 306611
ID/Status: 492304
ID/Status: 2002-05-15

Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 306611
Operable Unit ID: 852656
Operable Unit: 01
Material ID: 523107
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: NEW ROCHELLE PUBLIC LIBRARY
Address: 1 LAWTON
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1311408 / Not Reported
Facility ID: 1311408
Site ID: 492304
Spill Date: 2014-03-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2014-03-06
CID: Not reported
Water Affected: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995872 **DIST/DIR:** 0.152 ENE **ELEVATION:** 94 **MAP ID:** Y98

**NAME:** CITY NEW ROCHELLE LIBRARY
**ADDRESS:** 1 LAWTON STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0201697 / 2002-09-18
ID/Status: 1311408 / Not Reported
ID/Status: 306611
ID/Status: 492304
ID/Status: 2002-05-15

Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 4
Date Entered In Computer: 2014-03-06
Spill Record Last Update: 2015-10-16
Spiller Name: Not reported
Spiller Company: NEW ROCHELLE PUBLIC LIBRARY
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: ROB
Spiller Phone: (914) 473-0784
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 447251
DEC Memo: "Tank failed with a dry leak. Will most likely be uncovering, repairing and retesting. WCDOH has been notified...mm 10-15-15 email update request sent to WCHD RDB 10-16-15 Wayne is handling and will forward an update"
Remarks: ""

All TTF:
Facility ID: 1311408
Spill Number: 1311408
Spill Tank Test: 2495159
Site ID: 492304
Tank Number: 1
Tank Size: 10000
Material: 0001
EPA UST: False
UST: True
Cause: 00
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: .00
Gross Fail: Not reported
Modified By: MBMASTRO
Last Modified Date: Not reported

All Materials:
Site ID: 492304
Operable Unit ID: 1241838

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995872 **DIST/DIR:** 0.152 ENE **ELEVATION:** 94 **MAP ID:** Y98

**NAME:** CITY NEW ROCHELLE LIBRARY
**ADDRESS:** 1 LAWTON STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0201697 / 2002-09-18
ID/Status: 1311408 / Not Reported
ID/Status: 306611
ID/Status: 492304
ID/Status: 2002-05-15

Operable Unit: 01
Material ID: 2242331
Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Site ID: 492304
Operable Unit ID: 1241838
Operable Unit: 01
Material ID: 2242328
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S104621592 **DIST/DIR:** 0.152 SSE **ELEVATION:** 100 **MAP ID:** 99

**NAME:** 125

**ADDRESS:** CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0001835 / 2000-05-15
ID/Status: 205498
ID/Status: 2000-05-12

LTANKS:
Name: 125
Address: CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0001835 / 2000-05-15
Facility ID: 0001835
Site ID: 205498
Spill Date: 2000-05-12
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2000-05-12
CID: 196
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-05-12
Spill Record Last Update: 2000-06-21
Spiller Name: UNKNOWN
Spiller Company: CASTLE OIL
Spiller Address: 290 LOCUST AVE
Spiller County: 001
Spiller Contact: OPERATOR 631
Spiller Phone: (914) 595-5901
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 170636
DEC Memo: ""
Remarks: "TANK OVER FILL AT THIS LOCATION. 10 GALLONS SPILLED AND THE SPILL WAS CLEANED UP BY THE FIRE DEPT. THE SPILL IS AT THE CHURCH BLESSED SACRMENT CHURCH. BABR MCDONALD FROM COUNTY HEATH DEPT. 637-4890 WAS CALLED TO THE SCENE ALSO."

All Materials:
Site ID: 205498
Operable Unit ID: 823753
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S104621592 **DIST/DIR:** 0.152 SSE **ELEVATION:** 100 **MAP ID:** 99

**NAME:** 125

**ADDRESS:** CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0001835 / 2000-05-15
ID/Status: 205498
ID/Status: 2000-05-12

Material ID: 290047
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: 10.00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103558292 **DIST/DIR:** 0.153 SSW **ELEVATION:** 87 **MAP ID:** 100

**NAME:** DOMENICO PROCOPIO PROPERTY

**ADDRESS:** 618 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9809866 / 2004-03-30
ID/Status: 278454
ID/Status: 1998-11-05

LTANKS:
Name: DOMINIC PROCOPIO
Address: 618 MAIN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9809866 / 2004-03-30
Facility ID: 9809866
Site ID: 278454
Spill Date: 1998-11-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 1998-11-05
CID: 270
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-11-05
Spill Record Last Update: 2004-03-30
Spiller Name: DOMINIC PROCOPIO
Spiller Company: DOMINIC PROCOPIO
Spiller Address: 10 MAPLE AVE
Spiller County: 001
Spiller Contact: DOMINIC PROCOPIO
Spiller Phone: (914) 576-0288
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 226099
DEC Memo: ""
Remarks: "CHECK PIPING AND RETEST"

All TTF:
Facility ID: 9809866
Spill Number: 9809866
Spill Tank Test: 1546499
Site ID: 278454
Tank Number: 1
Tank Size: 1500

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103558292 **DIST/DIR:** 0.153 SSW **ELEVATION:** 87 **MAP ID:** 100

**NAME:** DOMENICO PROCOPIO PROPERTY
**ADDRESS:** 618 MAIN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9809866 / 2004-03-30
ID/Status: 278454
ID/Status: 1998-11-05

Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 278454
Operable Unit ID: 1067125
Operable Unit: 01
Material ID: 313759
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100140601 **DIST/DIR:** 0.153 ENE **ELEVATION:** 94 **MAP ID:** Y101

**NAME:** BARCLAYS BANK OF NY/NA
**ADDRESS:** 491 MAIN ST.
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8905129 / 1991-03-25
ID/Status: 299548
ID/Status: 1989-08-23

LTANKS:
Name: BARCLAYS BANK OF NY/NA
Address: 491 MAIN ST.
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8905129 / 1991-03-25
Facility ID: 8905129
Site ID: 299548
Spill Date: 1989-08-23
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1953-06-18
SWIS: 6010
Investigator: wxwadswo
Referred To: Not reported
Reported to Dept: 1989-08-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1989-08-31
Spill Record Last Update: 1997-02-12
Spiller Name: Not reported
Spiller Company: BARCLAYS BANK OF NY/NA
Spiller Address: 604 BROAD HOLLOW RD.
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 242324
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was W. WADSWORTH 10/06/89: GND INC. (516) 933-1085 NAT MOSER: 1500 GAL #2 FAILED RETEST -.132GPH. TANK TO BE RELINED OR REPLACED. 03/25/91: TANK REMOVED. "
Remarks: "NAT MOSER (TELECOM 8-23, 1615) WILL CALL BACK AFTER CONTACTING BARCLAYS AND REVIEWING OPTIONS. PETRO TITE 2K 4 GPH"

All TTF:
Facility ID: 8905129
Spill Number: 8905129

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100140601 **DIST/DIR:** 0.153 ENE **ELEVATION:** 94 **MAP ID:** Y101

**NAME:** BARCLAYS BANK OF NY/NA
**ADDRESS:** 491 MAIN ST.
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8905129 / 1991-03-25
ID/Status: 299548
ID/Status: 1989-08-23

Spill Tank Test: 1535898
Site ID: 299548
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 299548
Operable Unit ID: 930451
Operable Unit: 01
Material ID: 445568
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103037429 **DIST/DIR:** 0.164 NE **ELEVATION:** 91 **MAP ID:** X102

**NAME:** MAIN LIBRARY
**ADDRESS:** LAWTON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9713843 / 1998-03-27
ID/Status: 273025
ID/Status: 1998-03-13

LTANKS:
Name: MAIN LIBRARY
Address: LAWTON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9713843 / 1998-03-27
Facility ID: 9713843
Site ID: 273025
Spill Date: 1998-03-13
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-03-13
CID: 199
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-03-13
Spill Record Last Update: 1998-07-09
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: FRANK GALLELLO
Spiller Phone: (914) 654-2315
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 222185
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 03/14/98 TO E.I.R. 3/27/98 PROTEST RETESTED - SYSTEM PASSED. NFA."
Remarks: ""

All TTF:
Facility ID: 9713843
Spill Number: 9713843
Spill Tank Test: 1545675
Site ID: 273025

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# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103037429 **DIST/DIR:** 0.164 NE **ELEVATION:** 91 **MAP ID:** X102

**NAME:** MAIN LIBRARY
**ADDRESS:** LAWTON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9713843 / 1998-03-27
ID/Status: 273025
ID/Status: 1998-03-13

Tank Number: 1
Tank Size: 10000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 273025
Operable Unit ID: 1056692
Operable Unit: 01
Material ID: 324833
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100177858 **DIST/DIR:** 0.166 NE **ELEVATION:** 93 **MAP ID:** 103

**NAME:** NEW ROCHELLE PUBLIC LIBR.
**ADDRESS:** MEMORIAL HIGHWAY
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9111450 / 1992-02-06
ID/Status: 306853
ID/Status: 1992-02-06

LTANKS:
Name: NEW ROCHELLE PUBLIC LIBR.
Address: MEMORIAL HIGHWAY
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9111450 / 1992-02-06
Facility ID: 9111450
Site ID: 306853
Spill Date: 1992-02-06
Spill Cause: Tank Failure
Spill Source: Commercial Vehicle
Spill Class: Not reported
Cleanup Ceased: 1953-06-18
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1992-02-06
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2003-12-02
Spiller Name: Not reported
Spiller Company: City of New Rochelle
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 247822
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "SOME ON PAVEMENT,SOME IN STORM DRAIN F.D.HAZMAT USED SORBENT TO CONTAIN AND VENTED BUILING SPOKE WITH DEP. CHIEF STONE"

All Materials:
Site ID: 306853
Operable Unit ID: 965176
Operable Unit: 01
Material ID: 416486

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100177858 **DIST/DIR:** 0.166 NE **ELEVATION:** 93 **MAP ID:** 103

**NAME:** NEW ROCHELLE PUBLIC LIBR.

**ADDRESS:** MEMORIAL HIGHWAY
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9111450 / 1992-02-06
ID/Status: 306853
ID/Status: 1992-02-06

Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105996474 **DIST/DIR:** 0.178 SSE **ELEVATION:** 97 **MAP ID:** 104

**NAME:** BLESSED SACREMENT CHURCH
**ADDRESS:** 15 SHEA PL
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0204856 / 2003-10-03
ID/Status: 167332
ID/Status: 2002-08-07

LTANKS:
Name: BLESSED SACREMENT CHURCH
Address: 15 SHEA PL
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0204856 / 2003-10-03
Facility ID: 0204856
Site ID: 167332
Spill Date: 2002-08-07
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-08-07
CID: 211
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-08-07
Spill Record Last Update: 2003-12-09
Spiller Name: Not reported
Spiller Company: BLESSED SACREMENT CHURCH
Spiller Address: 15 SHEA PL
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 140984
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-MAGNUSON 10/17/03: Letter to Blessed Sacrament Church from Karen Magnuson, WCDOH dated 10/3/2003. Closure report by RND Services has been reviewed. WCDOH recommends NFA at this time."
Remarks: "DRY LEAK"

All TTF:
Facility ID: 0204856
Spill Number: 0204856
Spill Tank Test: 1527358

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105996474 **DIST/DIR:** 0.178 SSE **ELEVATION:** 97 **MAP ID:** 104

**NAME:** BLESSED SACREMENT CHURCH

**ADDRESS:** 15 SHEA PL
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0204856 / 2003-10-03
ID/Status: 167332
ID/Status: 2002-08-07

Site ID: 167332
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 167332
Operable Unit ID: 856138
Operable Unit: 01
Material ID: 519078
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102154123 **DIST/DIR:** 0.179 South **ELEVATION:** 94 **MAP ID:** 105

**NAME:** NEW ROCHELLE CATH MIDDLE
**ADDRESS:** 24 MAPLE AV
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0204857 / 2003-10-03
ID/Status: 80066
ID/Status: 2002-08-07

LTANKS:
Name: NEW ROCHELLE CATH MIDDLE
Address: 24 MAPLE AV
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0204857 / 2003-10-03
Facility ID: 0204857
Site ID: 80066
Spill Date: 2002-08-07
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-08-07
CID: 211
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-08-07
Spill Record Last Update: 2003-12-09
Spiller Name: Not reported
Spiller Company: NEW ROCHELLE CATH MIDDLE
Spiller Address: 24 MAPLE AV
Spiller County: 001
Spiller Contact: MARV
Spiller Phone: (914) 637-7505
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 74246
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-MAGNUSON 10/17/03: Letter to Blessed Sacrament Church from Karen Magnuson, WCDOH dated 10/3/2003. Closure report by RND Services has been reviewed. WCDOH recommends NFA at this time."
Remarks: ""

All TTF:
Facility ID: 0204857
Spill Number: 0204857
Spill Tank Test: 1527359

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102154123 **DIST/DIR:** 0.179 South **ELEVATION:** 94 **MAP ID:** 105

**NAME:** NEW ROCHELLE CATH MIDDLE
**ADDRESS:** 24 MAPLE AV
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0204857 / 2003-10-03
ID/Status: 80066
ID/Status: 2002-08-07

Site ID: 80066
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 80066
Operable Unit ID: 856140
Operable Unit: 01
Material ID: 519079
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** 1000553075 **DIST/DIR:** 0.182 SSW **ELEVATION:** 85 **MAP ID:** 106

**NAME:** CUMBERLAND FARMS 70288
**ADDRESS:** 635 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9206930 / 2005-03-11
ID/Status: 140421
ID/Status: 1992-09-16

LTANKS:
Name: EXXON S/S
Address: 635 MAIN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9206930 / 2005-03-11
Facility ID: 9206930
Site ID: 140421
Spill Date: 1992-09-16
Spill Cause: Tank Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WXWADSWO
Referred To: Not reported
Reported to Dept: 1992-09-16
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2005-03-12
Spiller Name: Not reported
Spiller Company: EXXON
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 119925
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 3/11/05 per contractors report 7 tanks removes all in good condition (no evidence of holes or cracks; no detect in post excavation samples--close "
Remarks: "DURING TANK REMOVAL CONTAMINATED SOIL DISCOVERED WILL TEST"

All Materials:
Site ID: 140421
Operable Unit ID: 970699
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** 1000553075 **DIST/DIR:** 0.182 SSW **ELEVATION:** 85 **MAP ID:** 106

**NAME:** CUMBERLAND FARMS 70288
**ADDRESS:** 635 MAIN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9206930 / 2005-03-11
ID/Status: 140421
ID/Status: 1992-09-16

Material ID: 407611
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100165790 **DIST/DIR:** 0.190 West **ELEVATION:** 89 **MAP ID:** 107

**NAME:** CITIZEN
**ADDRESS:** 33 GROVE ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8708588 / 1989-11-28
ID/Status: 135309
ID/Status: 1988-01-07

LTANKS:
Name: CITIZEN
Address: 33 GROVE ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8708588 / 1989-11-28
Facility ID: 8708588
Site ID: 135309
Spill Date: 1988-01-07
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Not reported
Cleanup Ceased: 1989-11-28
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1988-01-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-01-27
Spill Record Last Update: 2003-08-05
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: CAPT. FERGESON
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 116184
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "TANK RUPTURE IN CITIZEN'S BASEMENT. TANK TO BE EMPTIED."

All Materials:
Site ID: 135309
Operable Unit ID: 913258
Operable Unit: 01
Material ID: 463968
Material Code: 0001A

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100165790 **DIST/DIR:** 0.190 West **ELEVATION:** 89 **MAP ID:** 107

**NAME:** CITIZEN

**ADDRESS:** 33 GROVE ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8708588 / 1989-11-28
ID/Status: 135309
ID/Status: 1988-01-07

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 550.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106972587 **DIST/DIR:** 0.192 ENE **ELEVATION:** 91 **MAP ID:** 108

**NAME:** CATHOLIC NEWS PUBLISHING
**ADDRESS:** 210 NORTH AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0503023 / 2005-08-28
ID/Status: 347516
ID/Status: 2005-06-13

LTANKS:
Name: CATHOLIC NEWS PUBLISHING
Address: 210 NORTH AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0503023 / 2005-08-28
Facility ID: 0503023
Site ID: 347516
Spill Date: 2005-06-13
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-06-13
CID: 44
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-06-13
Spill Record Last Update: 2005-08-28
Spiller Name: MYLES RIDDER
Spiller Company: CATHOLIC NEWS PUBLISHING
Spiller Address: 210 NORTH AVE
Spiller County: 001
Spiller Contact: MYLES RIDDER
Spiller Phone: (914) 632-1220
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 293840
DEC Memo: "August 28, 2005: NORTHEAT DISPOSED OF LUST AND 48.90 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: "1000 GALLON TANK AND HOLES IN TANK"

All Materials:
Site ID: 347516
Operable Unit ID: 1105241
Operable Unit: 01
Material ID: 1502620

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106972587 **DIST/DIR:** 0.192 ENE **ELEVATION:** 91 **MAP ID:** 108

**NAME:** CATHOLIC NEWS PUBLISHING

**ADDRESS:** 210 NORTH AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0503023 / 2005-08-28
ID/Status: 347516
ID/Status: 2005-06-13

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105997517 **DIST/DIR:** 0.208 NW **ELEVATION:** 104 **MAP ID:** Z109

**NAME:** CASARRA RESIDENCE
**ADDRESS:** 9 BADEAU PL
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0209171 / 2003-02-05
ID/Status: 157707
ID/Status: 2002-12-06

LTANKS:
Name: CASARRA RESIDENCE
Address: 9 BADEAU PL
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0209171 / 2003-02-05
Facility ID: 0209171
Site ID: 157707
Spill Date: 2002-12-06
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2002-12-06
CID: 257
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-12-06
Spill Record Last Update: 2003-02-05
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: 9 BADEAU PL
Spiller County: 001
Spiller Contact: SAL CASARRA
Spiller Phone: (914) 235-0620
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 133349
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 02/05/2003 Northeast Environmental removed the tank and reported that no contamination was present. NFA TG"
Remarks: "uncover repair and retest"

All Materials:
Site ID: 157707
Operable Unit ID: 860605
Operable Unit: 01
Material ID: 516149

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105997517 **DIST/DIR:** 0.208 NW **ELEVATION:** 104 **MAP ID:** Z109

**NAME:** CASARRA RESIDENCE

**ADDRESS:** 9 BADEAU PL
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0209171 / 2003-02-05
ID/Status: 157707
ID/Status: 2002-12-06

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103559119 **DIST/DIR:** 0.208 NE **ELEVATION:** 90 **MAP ID:** 110

**NAME:** 5 ANDERSON ST

**ADDRESS:** 5 ANDERSON ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803214 / 1989-11-30
ID/Status: 9812584 / 1999-07-12
ID/Status: 9812585 / 1999-07-12
ID/Status: 68769
ID/Status: 68770

LTANKS:
Name: NORTH AVE REALITY
Address: 5 ANDERSON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8803214 / 1989-11-30
Facility ID: 8803214
Site ID: 68769
Spill Date: 1988-07-14
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1989-11-30
SWIS: 6000
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 1988-07-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-07-28
Spill Record Last Update: 1989-11-30
Spiller Name: Not reported
Spiller Company: YOSHIAKI KOWANISHA
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 281826
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON "
Remarks: "2K FAILED 4-GAL. PER HOUR"

All TTF:
Facility ID: 8803214
Spill Number: 8803214
Spill Tank Test: 1534286
Site ID: 68769
Tank Number: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103559119 **DIST/DIR:** 0.208 NE **ELEVATION:** 90 **MAP ID:** 110

**NAME:** 5 ANDERSON ST
**ADDRESS:** 5 ANDERSON ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803214 / 1989-11-30
ID/Status: 9812584 / 1999-07-12
ID/Status: 9812585 / 1999-07-12
ID/Status: 68769
ID/Status: 68770

Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 68769
Operable Unit ID: 918394
Operable Unit: 01
Material ID: 458777
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 5 ANDERSON ST
Address: 5 ANDERSON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9812584 / 1999-07-12
Facility ID: 9812584
Site ID: 68770
Spill Date: 1999-01-12
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 1999-01-12
CID: 205

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103559119 **DIST/DIR:** 0.208 NE **ELEVATION:** 90 **MAP ID:** 110

**NAME:** 5 ANDERSON ST

**ADDRESS:** 5 ANDERSON ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803214 / 1989-11-30
ID/Status: 9812584 / 1999-07-12
ID/Status: 9812585 / 1999-07-12
ID/Status: 68769
ID/Status: 68770

Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-01-12
Spill Record Last Update: 2003-07-01
Spiller Name: YOSHIAKI KAWANISHA
Spiller Company: 5 ANDERSON ST
Spiller Address: 5 ANDERSON ST
Spiller County: 001
Spiller Contact: YOSHIAKI KAWANISHA
Spiller Phone: (914) 633-3708
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 65455
DEC Memo: ""
Remarks: "TESTED TANK, TANK FAILED."

All TTF:
Facility ID: 9812584
Spill Number: 9812584
Spill Tank Test: 1546738
Site ID: 68770
Tank Number: 1
Tank Size: 2000
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 68770
Operable Unit ID: 1069836
Operable Unit: 01
Material ID: 557973

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103559119 **DIST/DIR:** 0.208 NE **ELEVATION:** 90 **MAP ID:** 110

**NAME:** 5 ANDERSON ST

**ADDRESS:** 5 ANDERSON ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803214 / 1989-11-30
ID/Status: 9812584 / 1999-07-12
ID/Status: 9812585 / 1999-07-12
ID/Status: 68769
ID/Status: 68770

Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: 5 ANDERSON ST
Address: 5 ANDERSON ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9812585 / 1999-07-12
Facility ID: 9812585
Site ID: 68771
Spill Date: 1999-01-12
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 1999-01-12
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-01-12
Spill Record Last Update: 1999-09-07
Spiller Name: YOSHIAKI KAWANISHA
Spiller Company: 5 ANDERSON ST
Spiller Address: 5 ANDERSON ST
Spiller County: 001
Spiller Contact: YOSHIAKI KAWANISHA
Spiller Phone: (914) 633-3708
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 65455
DEC Memo: ""

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S103559119 **DIST/DIR:** 0.208 NE **ELEVATION:** 90 **MAP ID:** 110

**NAME:** 5 ANDERSON ST

**ADDRESS:** 5 ANDERSON ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803214 / 1989-11-30
ID/Status: 9812584 / 1999-07-12
ID/Status: 9812585 / 1999-07-12
ID/Status: 68769
ID/Status: 68770

Remarks: "TESTED TANK, TANK FAILED."

All TTF:
Facility ID: 9812585
Spill Number: 9812585
Spill Tank Test: 1546739
Site ID: 68771
Tank Number: 2
Tank Size: 550
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 68771
Operable Unit ID: 1069838
Operable Unit: 01
Material ID: 312860
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105230135 **DIST/DIR:** 0.209 WNW **ELEVATION:** 92 **MAP ID:** AA111

**NAME:** SPILL NUMBER 0109254
**ADDRESS:** 40 WARREN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0812107 / 2009-03-03
ID/Status: 0109254 / 2001-12-19
ID/Status: 409713
ID/Status: 150939
ID/Status: 2009-02-06

LTANKS:
Name: APT BUILDING
Address: 40 WARREN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0812107 / 2009-03-03
Facility ID: 0812107
Site ID: 409713
Spill Date: 2009-02-06
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D5
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2009-02-06
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2009-02-06
Spill Record Last Update: 2009-03-03
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: UNKNOWN
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 359905
DEC Memo: "Piping failure, need to repair and retest - mm 02/20/2009 Passed retest results that came into PBS to J. O'Dee---BHY 3/3/09: Review of report submitted by WCC Tank Technology. Tank was tested by WCC on 1-9-09 for the property owner. The tank passed the test and documentation was submitted to the owner and the New Rochelle FD. Elite Environmental tested the tank for a prospective buyer on 2-6-09 and failed the tank, resulting in this spill report to the DEC. On 2-12-09 WCC again tested the tank with reps from New Rochelle FD and Royal Environmental. The tank passed this test. All three tests were

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105230135 **DIST/DIR:** 0.209 WNW **ELEVATION:** 92 **MAP ID:** AA111

**NAME:** SPILL NUMBER 0109254
**ADDRESS:** 40 WARREN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0812107 / 2009-03-03
ID/Status: 0109254 / 2001-12-19
ID/Status: 409713
ID/Status: 150939
ID/Status: 2009-02-06

preformed with the Horner Locator Plus system. Based upon the information received as of this date, DEC is requiring No Further Action at this time. jod"
Remarks: "550 gal tank failed test/ failure due to bad fitting"

All Materials:
Site ID: 409713
Operable Unit ID: 1166213
Operable Unit: 01
Material ID: 2157665
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Name: SPILL NUMBER 0109254
Address: 40 WARREN ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0109254 / 2001-12-19
Facility ID: 0109254
Site ID: 150939
Spill Date: 2001-12-19
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: jghardy
Referred To: Not reported
Reported to Dept: 2001-12-19
CID: 211
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-12-19
Spill Record Last Update: 2002-01-03

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105230135 **DIST/DIR:** 0.209 WNW **ELEVATION:** 92 **MAP ID:** AA111

**NAME:** SPILL NUMBER 0109254
**ADDRESS:** 40 WARREN ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0812107 / 2009-03-03
ID/Status: 0109254 / 2001-12-19
ID/Status: 409713
ID/Status: 150939
ID/Status: 2009-02-06

Spiller Name: Not reported
Spiller Company: ROBISON OIL
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: MALLARDI RES
Spiller Phone: (914) 636-7448
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 128278
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY "
Remarks: "DRIVER OVERFILLED TANK - SPILL CONTAINED WITH PADS - CLEAN UP CREW ENROUTE"

All Materials:
Site ID: 150939
Operable Unit ID: 846633
Operable Unit: 01
Material ID: 530463
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106869098 **DIST/DIR:** 0.212 WNW **ELEVATION:** 98 **MAP ID:** AA112

**NAME:** DIIORGI HOME
**ADDRESS:** 47 WARREN STREET
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0500295 / 2005-08-28
ID/Status: 343230
ID/Status: 2005-04-07

LTANKS:
Name: DIIORGI HOME
Address: 47 WARREN STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0500295 / 2005-08-28
Facility ID: 0500295
Site ID: 343230
Spill Date: 2005-04-07
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: B4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-04-07
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-04-07
Spill Record Last Update: 2005-08-28
Spiller Name: ANTHONY DIIORGI
Spiller Company: DIIORGI HOME
Spiller Address: 47 WARREN STREET
Spiller County: 001
Spiller Contact: ANTHONY DIIORGI
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 289715
DEC Memo: "August 28, 2005: GC RELIABLE REMOVED LUST AND CONTAMINATED SOIL. NORTHEST ENVIRONMENTAL DISPOSED OF 18 DRUMS OF SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: "SHE WILL CALLL BACK WITH MORE INFO:"

All Materials:
Site ID: 343230
Operable Unit ID: 1101915
Operable Unit: 01

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106869098 **DIST/DIR:** 0.212 WNW **ELEVATION:** 98 **MAP ID:** AA112

**NAME:** DIIORGI HOME

**ADDRESS:** 47 WARREN STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0500295 / 2005-08-28
ID/Status: 343230
ID/Status: 2005-04-07

Material ID: 582154
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S101658613 **DIST/DIR:** 0.217 East **ELEVATION:** 89 **MAP ID:** 113

**NAME:** CO-OP

**ADDRESS:** 30 CLINTON PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9504589 / 1997-04-15
ID/Status: 189169
ID/Status: 1995-07-17

LTANKS:
Name: CO-OP
Address: 30 CLINTON PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9504589 / 1997-04-15
Facility ID: 9504589
Site ID: 189169
Spill Date: 1995-07-17
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: MONACO
Referred To: Not reported
Reported to Dept: 1995-07-17
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-07-20
Spill Record Last Update: 1997-05-22
Spiller Name: Not reported
Spiller Company: MERILITH MNGT.
Spiller Address: 1101 MIDLAND AVE.
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 157941
DEC Memo: ""
Remarks: "OIL SEEPING INTO BASEMENT POSSIBLE TANK FAILURE SOME OIL GOT INTO SUMP PIT AND DISCHARGED OUT SUMP PUMP TAKEN OFF LINE"

All TTF:
Facility ID: 9504589
Spill Number: 9504589
Spill Tank Test: 1544004
Site ID: 189169
Tank Number: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S101658613 **DIST/DIR:** 0.217 East **ELEVATION:** 89 **MAP ID:** 113

**NAME:** CO-OP

**ADDRESS:** 30 CLINTON PLACE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9504589 / 1997-04-15
ID/Status: 189169
ID/Status: 1995-07-17

Tank Size: 0
Material: 0003
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 189169
Operable Unit ID: 1019355
Operable Unit: 01
Material ID: 366101
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S113494296 **DIST/DIR:** 0.218 South **ELEVATION:** 91 **MAP ID:** AB114

**NAME:** BLESSED SACRAMENT HS
**ADDRESS:** 24 SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1300960 / Not Reported
ID/Status: 481320
ID/Status: 2013-04-29

LTANKS:
Name: BLESSED SACRAMENT HS
Address: 24 SHEA PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1300960 / Not Reported
Facility ID: 1300960
Site ID: 481320
Spill Date: 2013-04-29
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2013-04-29
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 4
Date Entered In Computer: 2013-04-29
Spill Record Last Update: 2017-11-16
Spiller Name: ED SULLIVAN
Spiller Company: HIGH SCHOOL
Spiller Address: 24 SHEA PLACE
Spiller County: 999
Spiller Contact: ED SULLIVAN
Spiller Phone: (914) 632-2595
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 204413
DEC Memo: "This is a 1K ust. Testing done every year. Appears to be a piping problem, will uncover, repair and retest. WCDOH has been notified....mm 8/5/13 Failed retest. Spoke to Kathy Morgan at US Tank Test. dw 11-16-2017 A consultant called-in to say they will submit a closure report today. BTR"
Remarks: "tank test failure"

All TTF:
Facility ID: 1300960
Spill Number: 1300960

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S113494296 **DIST/DIR:** 0.218 South **ELEVATION:** 91 **MAP ID:** AB114

**NAME:** BLESSED SACRAMENT HS
**ADDRESS:** 24 SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1300960 / Not Reported
ID/Status: 481320
ID/Status: 2013-04-29

Spill Tank Test: 2493383
Site ID: 481320
Tank Number: 0
Tank Size: 1000
Material: 0001
EPA UST: False
UST: True
Cause: 99
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: 1.00
Gross Fail: Not reported
Modified By: jbodee
Last Modified Date: Not reported

All Materials:
Site ID: 481320
Operable Unit ID: 1231094
Operable Unit: 01
Material ID: 2229789
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Site ID: 481320
Operable Unit ID: 1231094
Operable Unit: 01
Material ID: 2230143
Material Code: 0001
Material Name: #2 fuel oil (on-site consumption)
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106385926 **DIST/DIR:** 0.218 South **ELEVATION:** 91 **MAP ID:** AB115

**NAME:** BLESSED SACRAMENT HIGH SC
**ADDRESS:** 24 SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0400709 / 2004-07-06
ID/Status: 249284
ID/Status: 2004-04-21

LTANKS:
Name: BLESSED SACRAMENT HIGH SC
Address: 24 SHEA PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0400709 / 2004-07-06
Facility ID: 0400709
Site ID: 249284
Spill Date: 2004-04-21
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2004-04-21
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-04-21
Spill Record Last Update: 2004-07-06
Spiller Name: LARRY HANSEN
Spiller Company: BLESSED SACRAMENT HIGH SC
Spiller Address: 24 SHEA PLACE
Spiller County: 001
Spiller Contact: LARRY HANSEN
Spiller Phone: (914) 632-2595
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 204413
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-JACKSON 07/06/04 TANK PASSED RETEST."
Remarks: "FAILED SUBLINGS RECOMMEND UNCOVER REPAIR & RETEST OR REMOVE: "

All TTF:
Facility ID: 0400709
Spill Number: 0400709
Spill Tank Test: 1529181
Site ID: 249284
Tank Number: 1

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106385926 **DIST/DIR:** 0.218 South **ELEVATION:** 91 **MAP ID:** AB115

**NAME:** BLESSED SACRAMENT HIGH SC
**ADDRESS:** 24 SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0400709 / 2004-07-06
ID/Status: 249284
ID/Status: 2004-04-21

Tank Size: 5000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 249284
Operable Unit ID: 884909
Operable Unit: 01
Material ID: 491955
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

CORRACTS

**EDR ID:** 1000201737 **DIST/DIR:** 0.220 SW **ELEVATION:** 56 **MAP ID:** AC116

**NAME:** RUSH MANUFACTURING CORP
**ADDRESS:** 10-12 PINE CT
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** US EPA

**Rev:** 03/25/2019
ID/Status: NYD075436394

CORRACTS:
EPA ID: NYD075436394
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 19940503
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336413 332999 336413
Other Aircraft Parts and Auxiliary Equipment Manufacturing
All Other Miscellaneous Fabricated Metal Product Manufacturing
Other Aircraft Parts and Auxiliary Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD075436394
EPA Region: 02
Area Name: SITEWIDE
Actual Date: 19920922
Action: CA050 - RFA Completed
NAICS Code(s): 336413 332999 336413
Other Aircraft Parts and Auxiliary Equipment Manufacturing
All Other Miscellaneous Fabricated Metal Product Manufacturing
Other Aircraft Parts and Auxiliary Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995601 **DIST/DIR:** 0.220 SW **ELEVATION:** 56 **MAP ID:** AC117

**NAME:** GKIDS REALTY
**ADDRESS:** 10/12 PINE COURT
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0200337 / 2003-12-09
ID/Status: 235436
ID/Status: 2002-04-10

LTANKS:
Name: GKIDS REALTY
Address: 10/12 PINE COURT
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0200337 / 2003-12-09
Facility ID: 0200337
Site ID: 235436
Spill Date: 2002-04-10
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-04-10
CID: 204
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-04-10
Spill Record Last Update: 2003-12-10
Spiller Name: GKIDS REALTY
Spiller Company: GKIDS REALTY
Spiller Address: 10/12 PINE COURT
Spiller County: 001
Spiller Contact: MICHAEL GOLD
Spiller Phone: (800) 666-2605
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 193919
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER #2 PBS 3-504998 handled by WCHD 12/09/03 TANK CLOSED IN PLACE, SAMPLE RESULTS BELOW TAGM. SPILL CLOSED BY WAYNE SCHNEIDER OF WCHD."
Remarks: "TANK TEST FAILURE - RECOMMEND TO ISOLATE PIPING AND RETEST "

All TTF:
Facility ID: 0200337
Spill Number: 0200337
Spill Tank Test: 1527023

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105995601 **DIST/DIR:** 0.220 SW **ELEVATION:** 56 **MAP ID:** AC117

**NAME:** GKIDS REALTY

**ADDRESS:** 10/12 PINE COURT
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0200337 / 2003-12-09
ID/Status: 235436
ID/Status: 2002-04-10

Site ID: 235436
Tank Number: 1
Tank Size: 5000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 99
Test Method 2: Alternate Test per former 613.5(a)(2)(v)
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 235436
Operable Unit ID: 851333
Operable Unit: 01
Material ID: 525339
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102241692 **DIST/DIR:** 0.224 South **ELEVATION:** 88 **MAP ID:** 118

**NAME:** APT. BUILDING

**ADDRESS:** 47 MAPLE AV
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9603128 / 1996-06-14
ID/Status: 178537
ID/Status: 1996-06-05

LTANKS:
Name: A D VANDROFF
Address: 47 MAPLE AVENUE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9603128 / 1996-06-14
Facility ID: 9603128
Site ID: 178537
Spill Date: 1996-06-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1996-06-05
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-06-05
Spill Record Last Update: 1996-09-04
Spiller Name: A D VANDROFF
Spiller Company: A D VANDROFF
Spiller Address: 47 MAPLE AVENUE
Spiller County: 001
Spiller Contact: A D VANDROFF
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 149935
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 06/14/96 SEE SPILL # 9603064"
Remarks: "gross failure of tank."

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S108982494 **DIST/DIR:** 0.228 SW **ELEVATION:** 77 **MAP ID:** 119

**NAME:** PROFESSIONAL BUILDING COP

**ADDRESS:** 421 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0606014 / 2007-01-29
ID/Status: 369299
ID/Status: 2006-08-23

LTANKS:
Name: PROFESSIONAL OFFICE CORP
Address: 421 HUGUENOT STREET
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0606014 / 2007-01-29
Facility ID: 0606014
Site ID: 369299
Spill Date: 2006-08-23
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: WCDOH
Reported to Dept: 2006-08-24
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-08-24
Spill Record Last Update: 2007-01-29
Spiller Name: GERRI SEENY
Spiller Company: PROFESSIONAL OFFICE CORP
Spiller Address: 421 HUGUENOT STREET
Spiller County: 001
Spiller Contact: GERRI SEENY
Spiller Phone: (914) 632-3400
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 319185
DEC Memo: "RECOMMENDING ISOLATION. 0606014 - 421 Huguenot St, New Rochelle - removed petrometer and remote fill from system and retested, passed. NFA. 10/23/06 test date"
Remarks: ""

All TTF:
Facility ID: 0606014
Spill Number: 0606014
Spill Tank Test: 1550220
Site ID: 369299

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S108982494 **DIST/DIR:** 0.228 SW **ELEVATION:** 77 **MAP ID:** 119

**NAME:** PROFESSIONAL BUILDING COP

**ADDRESS:** 421 HUGUENOT STREET
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0606014 / 2007-01-29
ID/Status: 369299
ID/Status: 2006-08-23

Tank Number: 1
Tank Size: 3000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 369299
Operable Unit ID: 1127138
Operable Unit: 01
Material ID: 2116724
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102663947 **DIST/DIR:** 0.230 NW **ELEVATION:** 104 **MAP ID:** Z120

**NAME:** RESIDENCE
**ADDRESS:** 18 BADEAU PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9609269 / 1996-10-24
ID/Status: 177416
ID/Status: 1996-10-24

LTANKS:
Name: RESIDENCE
Address: 18 BADEAU PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 9609269 / 1996-10-24
Facility ID: 9609269
Site ID: 177416
Spill Date: 1996-10-24
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1996-10-24
CID: 266
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-10-24
Spill Record Last Update: 1996-12-05
Spiller Name: Not reported
Spiller Company: JULIO VALER
Spiller Address: 18 BADEAU PLACE
Spiller County: 001
Spiller Contact: JULIO VALER
Spiller Phone: (914) 636-8917
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 149078
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "CUSTOMER ORDERED TOO MUCH OIL. SPILLED ONTO BLACKTOP DRIVEWAY. CLEANED UP."

All Materials:
Site ID: 177416
Operable Unit ID: 1037374
Operable Unit: 01
Material ID: 345000

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S102663947 **DIST/DIR:** 0.230 NW **ELEVATION:** 104 **MAP ID:** Z120

**NAME:** RESIDENCE
**ADDRESS:** 18 BADEAU PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 9609269 / 1996-10-24
ID/Status: 177416
ID/Status: 1996-10-24

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: 5.00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100165619 **DIST/DIR:** 0.231 SSE **ELEVATION:** 91 **MAP ID:** AD121

**NAME:** BLESSED SACRAMENT CHURCH
**ADDRESS:** SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8704259 / 1987-11-20
ID/Status: 324974
ID/Status: 1987-08-02

LTANKS:
Name: BLESSED SACRAMENT CHURCH
Address: SHEA PLACE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 8704259 / 1987-11-20
Facility ID: 8704259
Site ID: 324974
Spill Date: 1987-08-02
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1987-11-20
SWIS: 6010
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 1987-08-02
CID: Not reported
Water Affected: NONE
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1987-09-30
Spill Record Last Update: 1987-11-20
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 261780
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was / / : 8/2/87-CHURCH TO EXCAVATE,ISOLATE AND RETEST. / / : 8/2/87-CHURCH TO EXCAVATE,ISOLATE AND RETEST RETEST PASSED.NFA. "
Remarks: "TTTF-TWO TANKS FAILED"

All TTF:
Facility ID: 8704259
Spill Number: 8704259
Spill Tank Test: 1531452
Site ID: 324974

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100165619 **DIST/DIR:** 0.231 SSE **ELEVATION:** 91 **MAP ID:** AD121

**NAME:** BLESSED SACRAMENT CHURCH
**ADDRESS:** SHEA PLACE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8704259 / 1987-11-20
ID/Status: 324974
ID/Status: 1987-08-02

Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 324974
Operable Unit ID: 908133
Operable Unit: 01
Material ID: 466902
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106385339 **DIST/DIR:** 0.236 SSE **ELEVATION:** 89 **MAP ID:** AD122

**NAME:** APARTMENT HOUSE
**ADDRESS:** 156 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0312650 / 2004-04-22
ID/Status: 267104
ID/Status: 2004-02-13

LTANKS:
Name: APARTMENT HOUSE
Address: 156 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0312650 / 2004-04-22
Facility ID: 0312650
Site ID: 267104
Spill Date: 2004-02-13
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH DEPT
Reported to Dept: 2004-02-13
CID: 406
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-02-13
Spill Record Last Update: 2019-01-02
Spiller Name: JIM DONELAN
Spiller Company: PROTEST
Spiller Address: PO BOX 1937
Spiller County: 001
Spiller Contact: PAUL
Spiller Phone: (914) 698-4100
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 444002
DEC Memo: " 04/22/04 TANK PASSED A RETEST ON 3-22-04. NFA jod"
Remarks: "Failed tank test"

All TTF:
Facility ID: 0312650
Spill Number: 0312650
Spill Tank Test: 1528979
Site ID: 267104
Tank Number: 1
Tank Size: 10000

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106385339 **DIST/DIR:** 0.236 SSE **ELEVATION:** 89 **MAP ID:** AD122

**NAME:** APARTMENT HOUSE
**ADDRESS:** 156 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0312650 / 2004-04-22
ID/Status: 267104
ID/Status: 2004-02-13

Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S114561821 **DIST/DIR:** 0.236 SSE **ELEVATION:** 89 **MAP ID:** AD123

**NAME:** FAILED TANK TEST
**ADDRESS:** 156 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1308221 / Not Reported
ID/Status: 488939
ID/Status: 2013-11-12

LTANKS:
Name: FAILED TANK TEST
Address: 156 CENTRE AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1308221 / Not Reported
Facility ID: 1308221
Site ID: 488939
Spill Date: 2013-11-12
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: D3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2013-11-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 4
Date Entered In Computer: 2013-11-12
Spill Record Last Update: 2019-01-24
Spiller Name: WILLIE
Spiller Company: FAILED TANK TEST
Spiller Address: 156 CENTRE AVE
Spiller County: 999
Spiller Contact: WILLIE
Spiller Phone: (914) 774-2508
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 444002
DEC Memo: "11/12/13: Residential tank test failure. No indication of a release at this time. Message sent to Elite requesting additional information on the owner, or their realtor. jod 11/12/13: Update received from Chris Lalak. This is not a residential tank. This is a 10K #4 Oil tank, PBS 3-600412. Wayne Schneider will follow up on retest. jod 11-13-18 new management co looking for closure; submitted test from 2013- RDB 11-13-18 I asked WCHD for information. RDB 11-15-18 I requested annual tightness tests, they are not able to provide; RDB 11-19-18 I asked when tank will be removed. RDB 11-19-18 email from

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S114561821 **DIST/DIR:** 0.236 SSE **ELEVATION:** 89 **MAP ID:** AD123

**NAME:** FAILED TANK TEST

**ADDRESS:** 156 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1308221 / Not Reported
ID/Status: 488939
ID/Status: 2013-11-12

WCHD- No work permit application has come in. RDB 1/23/19: I spoke to Ray Hilyer at Elite Environmental. Timeline of events: *Nov 2013 tank fails tightness test performed by Elite, Spill 1308221 reported. *2016 Elite is called back to the site to retest. The parking lot or the tank had been patched, another company had excavated and repiped the UST. Tank is retested and passes. Test results sent to WCDOH. *2017 Tank is retested and passes. *Nov 2018 a new owner (management company) Librett Real Estate Group becomes involved with refinancing the property. In order to refinance the open Spill 1308221 needs to be addressed. Elite Environmental is contacted to remove the 10k gallon UST. *Dec2018 the UST is removed, soil contamination is extensive. Spill 180 Elite reports the contamination appears to be older and weathered #4 oil. To date they have excavated approximately 300 tons. jod"

Remarks: "Tank test failure"

All TTF:
Facility ID: 1308221
Spill Number: 1308221
Spill Tank Test: 2494704
Site ID: 488939
Tank Number: 1
Tank Size: 10000
Material: 0002
EPA UST: False
UST: True
Cause: 99
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 488939
Operable Unit ID: 1238546
Operable Unit: 01
Material ID: 2238468
Material Code: 9999
Material Name: other - failed tank test
Case No.: Not reported
Material FA: Other
Quantity: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S114561821 **DIST/DIR:** 0.236 SSE **ELEVATION:** 89 **MAP ID:** AD123

**NAME:** FAILED TANK TEST

**ADDRESS:** 156 CENTRE AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1308221 / Not Reported
ID/Status: 488939
ID/Status: 2013-11-12

Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106971497 **DIST/DIR:** 0.241 ESE **ELEVATION:** 86 **MAP ID:** 124

**NAME:** RESIDENCE
**ADDRESS:** 64 CHURCH ST
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0408510 / 2008-05-01
ID/Status: 333255
ID/Status: 2004-11-02

LTANKS:
Name: RESIDENCE
Address: 64 CHURCH ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0408510 / 2008-05-01
Facility ID: 0408510
Site ID: 333255
Spill Date: 2004-11-02
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2004-11-02
CID: 403
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: 2006-02-16
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-11-02
Spill Record Last Update: 2008-05-01
Spiller Name: RAMONE OCEGUERA
Spiller Company: Not reported
Spiller Address: 64 CHURCH ST
Spiller County: 001
Spiller Contact: RAMONE OCEGUERA
Spiller Phone: (914) 396-7293
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 268502
DEC Memo: "11/22/04 AST ON GROUND UNDER DECK. TANK LOST APPROX 150 GALLONS AFTER TEST. FREE PRODUCT IN SUMP PIT IN BASEMENT. FURTHER INVESTIGATION TO BE DONE BY ADVANCED ENVIRONMENTAL. jod 5/1/2008: Advanced Environmental disposed of LUST and 26.15 tons of contaminated soil. Ground water was impacted and sampled. Spill closure report from ECC submitted to DEC. Based upon information provided, this Department requires No Further Action at this time. jod"
Remarks: "tank test failed."

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S106971497 **DIST/DIR:** 0.241 ESE **ELEVATION:** 86 **MAP ID:** 124

**NAME:** RESIDENCE

**ADDRESS:** 64 CHURCH ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0408510 / 2008-05-01
ID/Status: 333255
ID/Status: 2004-11-02

All TTF:
Facility ID: 0408510
Spill Number: 0408510
Spill Tank Test: 1548304
Site ID: 333255
Tank Number: 1
Tank Size: 275
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 333255
Operable Unit ID: 1095424
Operable Unit: 01
Material ID: 575563
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S110043637 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE125

**NAME:** OFF-SITE FLAMINGO CLEANERS
**Rev:** 05/13/2019
ID/Status: 414661

**ADDRESS:** 149 NORTH AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

BROWNFIELDS:
Name: OFF-SITE FLAMINGO CLEANERS
Address: 149 NORTH AVENUE
City,State,Zip: NEW ROCHELLE, NY 10801
Program: BCP
Site Code: 414661
Acres: Not reported
HW Code: C360078A
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 06/03/2009
Record Updated Date: 04/04/2018
Update By: DACROSBY
Site Description: Location: This site is the off-site component of the former Flamingo Dry Cleaners site (C360078). The site is located in an urban area of New Rochelle, Westchester County, at the southeastern corner of the intersection of Clinton Place and North Avenue. Site Features: The site itself is a one-story commercial building which includes four stores including the vacant dry cleaners. This off-site component is comprised of immediately-surrounding areas. Current Zoning/Uses: Surrounding land uses include parking lots, commercial establishments, a residential apartment complex, a college, a medical facility, and a church. Historical Uses: The on-site building was constructed in 1941 and used for retail. Flamingo Cleaners began operations in 1958 and ran until 2005 when all dry-cleaning equipment was removed. On-site contamination is a result of the former dry cleaner operations from improper management, disposal, and leaks of tetrachloroethylene (PCE). A referral for off-site work was completed in December 2007 and a SSF RI/FS Work assignment was approved in March 2009. The RI field work was conducted in the summer of 2009 and fall of 2009. Additional round of gw analyses occurred in spring 2010. The on-going off-site investigation thus far indicates that PCE is not present in environmental media above standards in the area surrounding the site. Site Geology/Hydrogeology: The area surrounding the site is underlain by glacial till which sit atop highly weathered bedrock. Area bedrock ranges from 5-25 feet below ground surface. The water table ranges from 5-11 feet below ground surface. Groundwater flow direction is dominantly to the south-southwest toward Long Island Sound, but site specific groundwater flow direction is radial and seasonally affected.
Env Problem: Nature and Extent of Contamination: Based on investigations to date, the primary contaminant of concern at the site is tetracholoroethylene (PCE), a dry cleaning solvent. On-site, PCE has been detected in soils, soil vapor, indoor air, and groundwater. The

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S110043637 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE125

**NAME:** OFF-SITE FLAMINGO CLEANERS
**ADDRESS:** 149 NORTH AVENUE
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 414661

off-site investigation to date indicates that there are no off-site impacts. Special Resources Impacted/Threatened: The site is located in an urban area of the City of New Rochelle. There are no special resources identified near the site.
Health Problem: Not reported
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2010-02-27 13:25:00
Record Upd: 2012-10-18 14:41:00
Updated By: ldennist
Own Op: Not reported
Sub Type: Not reported
Owner Name: Not reported
Owner Company: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Country: Not reported
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** 1000299848 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE126

**NAME:** FLAMINGO CLEANERS
**Rev:** 05/13/2019
ID/Status: 335220

**ADDRESS:** 149 NORTH AVE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

BROWNFIELDS:
Name: FLAMINGO CLEANERS
Address: 149 NORTH AVENUE
City,State,Zip: NEW ROCHELLE, NY 10801
Program: BCP
Site Code: 335220
Acres: 0.122
HW Code: C360078
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 12/16/2004
Record Updated Date: 03/30/2018
Update By: DACROSBY
Site Description: Location: The Flamingo Cleaners site is located in an urban area of New Rochelle, Westchester County, at the southeastern corner of the intersection of Clinton Place and North Avenue. Site Features: The site is a one-story commercial building with a full basement. The building is divided into four tenant spaces which include a bar/lounge, beauty salon, and two vacant spaces that previously housed a travel agency and a dry-cleaner. Current Zoning/use(s): The site consists of four retail spaces, two of which are currently occupied. The site is zoned for commercial use. The surrounding land uses include parking lots, commercial establishments, a residential apartment complex, a medical center, and a church. The dry cleaning operation is no longer active and the space is currently vacant. Past Uses of the Site: The existing building was constructed in 1941 and used for retail. Flamingo Cleaners began dry cleaning operations in 1958, and ran until 2005 when all dry-cleaning equipment was removed. Site contamination is a result of the former dry cleaner operations from improper management, disposal, and leaks of tetrachloroethylene (PCE). Prior completed investigations include a Phase I Investigation in October of 2003 and a Phase II Investigation completed in March of 2004. The Volunteer entered into a Brownfield Cleanup Agreement in April 2005. A Decision Document was issued in March 2012 for a remedy involving source soil removal and in situ chemical oxidation treatment of groundwater. Based on the extent of the site contamination, a referral to State Superfund for an off-site investigation was completed in December 2007. The groundwater plume was found to be isolated to immediately behind the building and little to no off-site impacts were noted in groundwater, soils, nor in soil vapor. Site Geology/hydrogeology: The site is underlain by glacial till which sits atop highly weathered bedrock. Bedrock ranges from 5 - 22 feet below ground surface. The water table is between 5 - 11 feet below ground surface. Groundwater flow direction dominantly

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** 1000299848 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE126

**NAME:** FLAMINGO CLEANERS
**ADDRESS:** 149 NORTH AVE
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 335220

to the south-southeast toward Long Island Sound, however, site specific groundwater flow direction is radial, and seasonally affected.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), primarily tetrachloroethylene (PCE or perc) which was present in soils, groundwater, and indoor air. PCE breakdown products Trichloroethene (TCE) and 1,2-dichloroethene (1,2-DCE), vinyl chloride, as well as 1,1,1 trichloroethane (1,1,1 TCA), were also present at the site. Remedial actions have removed source soils, treated groundwater, and have prevented contaminants from entering the indoor air. Residual contamination in the soil, groundwater, and indoor air is being managed under a Site Management Plan.
Health Problem: Measures are in place to control the potential for coming in contact with subsurface soil and ground water contamination remaining on the site. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in groundwater and/or soil may move into the soil vapor (air space within the soil), which in turn may move into overlying building and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. A sub-slab depressurization system (system that ventilate/remove the air beneath the building) has been installed in the on-site building to prevent the indoor air quality from being affected by the contamination in the soil vapor beneath the building. Sampling indicates soil vapor intrusion is not a concern for off-site buildings.
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:90’830 / 73:77’928
Dell: False
Record Add: 2004-12-16 12:46:00
Record Upd: 2013-10-25 16:35:00
Updated By: BXANDERS
Own Op: Owner
Sub Type: 06
Owner Name: Luigi Tush Lleshaj
Owner Company: V & V Capital LLC

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** 1000299848 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE126

**NAME:** FLAMINGO CLEANERS
**ADDRESS:** 149 NORTH AVE
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 335220

Owner Address: 369 Phillips Hill Rd
Owner Addr2: Not reported
Owner City,St,Zip: New City, NY 10956
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: 09
Owner Name: Abbas A. Alsaidi
Owner Company: New Rock Mini Mart & Deli Inc.
Owner Address: 149 North Avenue
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Tom Geoffino
Owner Company: New Rochelle Public Library
Owner Address: 1 Library Plaza
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: JO-ANNE LATINO
Owner Company: JAMM North Avenue Realty, LLC.
Owner Address: 31 Green St.
Owner Addr2: Not reported
Owner City,St,Zip: Charlestown, MA 02129
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: c/o Judge Susan I. Kettner
Owner Company: 149-155 North Corp.
Owner Address: 87 Taymil Road
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10804
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Michael Knipfing
Owner Company: NYSDEC Region 3
Owner Address: 21 S. Putt Corners Rd
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
Own Op: Applicant/Requestor

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** 1000299848 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE126

**NAME:** FLAMINGO CLEANERS
**Rev:** 05/13/2019
ID/Status: 335220

**ADDRESS:** 149 NORTH AVE
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

Sub Type: P03
Owner Name: Luigi Lleshaj
Owner Company: V&V Capital LLC
Owner Address: 369 Phillips Hill Road
Owner Addr2: Not reported
Owner City,St,Zip: new City, NY 10956
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Not reported
Owner Company: Luigi Lleshaj
Owner Address: 369 Phillips Hill Road
Owner Addr2: Not reported
Owner City,St,Zip: New City, NY 10956
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: c/o Judge Susan I. Kettner
Owner Company: The Estate of Dorothy Kettner
Owner Address: 87 Taymil Road
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10804
Owner Country: United States of America
HW Code: C360078
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: DICHLOROETHYLENE

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** 1000299848 **DIST/DIR:** 0.242 East **ELEVATION:** 89 **MAP ID:** AE126

**NAME:** FLAMINGO CLEANERS
**ADDRESS:** 149 NORTH AVE
NEW ROCHELLE, NY 10801
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 335220

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C360078
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0905638
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2016-07-12 12:27:00
Record Updated: 2016-07-12 12:27:00
Updated By: JBODEE
Crossref ID: W3-1058-05-03
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-12-05 12:19:00
Record Updated: 2016-12-05 12:19:00
Updated By: KATHOMPS
Crossref ID: 561793593
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-04 10:40:00
Record Updated: 2016-11-04 10:40:00
Updated By: KATHOMPS
Crossref ID: 1203976
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2012-07-23 16:23:00
Record Updated: 2012-07-23 16:23:00
Updated By: JPCUMMIN

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100164268 **DIST/DIR:** 0.242 NW **ELEVATION:** 112 **MAP ID:** AF127

**NAME:** NYNEX

**ADDRESS:** 40 WASHINGTON AVE
GREENBUSH, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803234 / 1988-07-22
ID/Status: 60528
ID/Status: 1988-07-14

LTANKS:
Name: NYNEX
Address: 40 WASHINGTON AVE
City,State,Zip: GREENBUSH, NY
Spill Number/Closed Date: 8803234 / 1988-07-22
Facility ID: 8803234
Site ID: 60528
Spill Date: 1988-07-14
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1988-07-22
SWIS: 6000
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 1988-07-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: 1988-07-22
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-03-28
Spill Record Last Update: 1988-09-07
Spiller Name: Not reported
Spiller Company: JOHN ALBARANO
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 59075
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON 09/07/88: TANK PUMED OUT.TO BE REMOVED. "
Remarks: "#2FUEL 5K 1.842 / 4K .170 DIESEL"

All TTF:
Facility ID: 8803234
Spill Number: 8803234
Spill Tank Test: 1534290
Site ID: 60528
Tank Number: Not reported

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S100164268 **DIST/DIR:** 0.242 NW **ELEVATION:** 112 **MAP ID:** AF127

**NAME:** NYNEX

**ADDRESS:** 40 WASHINGTON AVE
GREENBUSH, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 8803234 / 1988-07-22
ID/Status: 60528
ID/Status: 1988-07-14

Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 60528
Operable Unit ID: 918404
Operable Unit: 01
Material ID: 458797
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S111239332 **DIST/DIR:** 0.246 WNW **ELEVATION:** 94 **MAP ID:** 128

**NAME:** TANK TEST FAILURE

**ADDRESS:** 50 WALNUT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1107925 / 2013-02-05
ID/Status: 455637
ID/Status: 2011-09-21

LTANKS:
Name: TANK TEST FAILURE
Address: 50 WALNUT ST
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1107925 / 2013-02-05
Facility ID: 1107925
Site ID: 455637
Spill Date: 2011-09-21
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2011-09-21
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2011-09-21
Spill Record Last Update: 2013-02-06
Spiller Name: Not reported
Spiller Company: SAL VIGNA
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: KEN RONK
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 410212
DEC Memo: "9-21-11 Owner is Pietro Vigna and doesn't speak english. Sal is his son. Sal cell: (914)424-2239. Sal has Eastern Env coming out Wed to investigate further. jc 2/6/13: Northeast Environmental disposed of LUST and a total of 21.05 tons of petroleum contaminated soil. Exit sample results showed residual contamination over CP-51 Guidance values. Additional excavation of contaminted soil is not possible with causing possible structural damage to the building foundations. Based upon the information provided, this Department requires no further action at this time. Closed - doesn not meet standarsds. jod"

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S111239332 **DIST/DIR:** 0.246 WNW **ELEVATION:** 94 **MAP ID:** 128

**NAME:** TANK TEST FAILURE

**ADDRESS:** 50 WALNUT ST
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1107925 / 2013-02-05
ID/Status: 455637
ID/Status: 2011-09-21

Remarks: "tank test failure"

All Materials:
Site ID: 455637
Operable Unit ID: 1205789
Operable Unit: 01
Material ID: 2202749
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S122449231 **DIST/DIR:** 0.246 ENE **ELEVATION:** 89 **MAP ID:** 129

**NAME:** 14 LE COUNT STANDARD PRINTING
**Rev:** 05/13/2019
ID/Status: 568962

**ADDRESS:** 14 LECOUNT PL, 207-211 NORTH AVE, 455-463 MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

BROWNFIELDS:
Name: 14 LE COUNT STANDARD PRINTING
Address: 14 LECOUNT PL, 207-211 NORTH AVE, 455-463 MAIN ST
City,State,Zip: NEW ROCHELLE, NY 10801
Program: BCP
Site Code: 568962
Acres: 0.92
HW Code: C360176
SWIS: 6010
Town: New Rochelle (c)
Record Added Date: 04/13/2018
Record Updated Date: 09/12/2018
Update By: GWCROSS
Site Description: Location: The site is located mixed-use area of New Rochelle, southwest of Le Count Place, northwest of Main Street, and northeast of North Avenue. Land uses within a quarter-mile of the site are predominantly commercial/residential. Site Features: The site contains 7 buildings, 3 of which are vacant. Of the non-vacant buildings, one (455 Main Street) is occupied by a beauty salon and a sportswear store on the first floor and professional offices on the second and third floors; another (459 Main Street) is occupied by a travel agency, hair salon, and medical offices on the first floor and offices on the second floor; and the parking lot on 14 Le Count Place is being utilized by Monroe College for parking, pursuant to a Parking Space License Agreement. There are parking lots on site associated with the existing uses. Current Uses and Zoning: As noted above, the site is used for a mixture of retail, residential, and commercial uses. It is zoned for DB Downtown Business Overlay Zone, which allows vertical and horizontal nix of uses including residential, office, retail, commercial, cultural/entertainment, civic/religious, light industrial, and parking/utilities. Past Use of the Site: Historically, the site has been dedicated to commercial/residential uses. Notable commercial uses include a former printing shop operated by the Evening Standard Newspaper (209 North Avenue), a photo-engraving shop (207 North Avenue) and an undertaker/funeral home (14 Le Count Place). The existing on-site buildings were reportedly constructed between 1903 and 1931. Several Recognized Environmental Concerns (RECs) were identified during Phase I site assessments. The RECs are identified as out of service or previously abandoned USTs and soil contamination as a result of the historic printing operations. Site Geology and Hydrogeology: Beneath an asphalt/concrete surface, surficial historic fill of up to 5-foot deep, consisting of soils similar to the underlying natural residuals, blanket the site. The site is underlain by residual soils,

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S122449231 **DIST/DIR:** 0.246 ENE **ELEVATION:** 89 **MAP ID:** 129

**NAME:** 14 LE COUNT STANDARD PRINTING

**ADDRESS:** 14 LECOUNT PL, 207-211 NORTH AVE, 455-463 MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 05/13/2019
ID/Status: 568962

having been formed by the decomposition of the underlying gneiss bedrock. The residual soils generally consist of silty/clayey sand containing varying percentages of gravel. Weathered gneissic bedrock is typically present at depths on the order of 20 to 25 below grade. The regional groundwater direction around the site is presumed to follow the general topography of the region, which slopes gently downwards towards the Echo bay to the east southeast of the site. The groundwater depth was measured during the 2017 water sampling event to be approximately 18 feet below ground surface.
Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.
Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2018-07-31 15:59:00
Record Upd: 2018-07-31 15:59:00
Updated By: GWHEITZM
Own Op: Owner
Sub Type: P03
Owner Name: Bill Balter
Owner Company: 14 Le Count Place LLC
Owner Address: 480 Bedford Road
Owner Addr2: Not reported
Owner City,St,Zip: Chappaqua, NY 10514
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bill Balter
Owner Company: 14 Le Count Place LLC
Owner Address: 480 Bedford Road
Owner Addr2: Not reported
Owner City,St,Zip: Chappaqua, NY 10514
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

BROWNFIELDS

**EDR ID:** S122449231 **DIST/DIR:** 0.246 ENE **ELEVATION:** 89 **MAP ID:** 129

**NAME:** 14 LE COUNT STANDARD PRINTING

**Rev:** 05/13/2019
ID/Status: 568962

**ADDRESS:** 14 LECOUNT PL, 207-211 NORTH AVE, 455-463 MAIN ST
NEW ROCHELLE, NY 10801
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

Owner Name: Tom Geoffino
Owner Company: New Rochelle Public Library
Owner Address: 1 Library Plaza
Owner Addr2: Not reported
Owner City,St,Zip: New Rochelle, NY 10801
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bill Balter
Owner Company: WBLM 14 Le Count Owner LLC
Owner Address: 480 Bedford Road
Owner Addr2: Not reported
Owner City,St,Zip: Chappaqua, NY 10514
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: 455 Main Real Estate LLC
Owner Address: 34 Thompkins Road
Owner Addr2: Not reported
Owner City,St,Zip: Scarsdale, NY 10583
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105999147 **DIST/DIR:** 0.249 NW **ELEVATION:** 110 **MAP ID:** AF130

**NAME:** ST GABRIEL SCHOOL
**ADDRESS:** 50 WASHINGTON AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0302359 / 2003-12-12
ID/Status: 314440
ID/Status: 2003-06-05

LTANKS:
Name: ST GABRIEL SCHOOL
Address: 50 WASHINGTON AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 0302359 / 2003-12-12
Facility ID: 0302359
Site ID: 314440
Spill Date: 2003-06-05
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: JBODEE
Referred To: WCDOH
Reported to Dept: 2003-06-05
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-06-05
Spill Record Last Update: 2019-03-01
Spiller Name: LARRY
Spiller Company: ST GABRIEL SCHOOL
Spiller Address: 50 WASHINGTON AVE
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 253527
DEC Memo: " 12/12/03 ALSO REPORTED AS 03-05820. SEE THAT FILE FOR UPDATES. NFA THIS NUMBER."
Remarks: ""

All TTF:
Facility ID: 0302359
Spill Number: 0302359
Spill Tank Test: 1528429
Site ID: 314440
Tank Number: 1

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S105999147 **DIST/DIR:** 0.249 NW **ELEVATION:** 110 **MAP ID:** AF130

**NAME:** ST GABRIEL SCHOOL
**ADDRESS:** 50 WASHINGTON AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 0302359 / 2003-12-12
ID/Status: 314440
ID/Status: 2003-06-05

Tank Size: 3000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 314440
Operable Unit ID: 869188
Operable Unit: 01
Material ID: 506840
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S117851738 **DIST/DIR:** 0.249 NW **ELEVATION:** 110 **MAP ID:** AF131

**NAME:** ST GABRIEL HIGH SCHOOL
**ADDRESS:** 50 WASHINGTON AVE
NEW ROCHELLE, NY
WESTCHESTER
**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1903323 / Not Reported
ID/Status: 591279
ID/Status: 2019-07-01

LTANKS:
Name: INTERSTITIAL FAILURE
Address: 50 WASHINGTON AVE
City,State,Zip: NEW ROCHELLE, NY
Spill Number/Closed Date: 1903323 / Not Reported
Facility ID: 1903323
Site ID: 591279
Spill Date: 2019-07-01
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6010
Investigator: KABROWNE
Referred To: Not reported
Reported to Dept: 2019-07-01
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 2019-07-01
Spill Record Last Update: 2019-07-15
Spiller Name: Not reported
Spiller Company: St Gabriel Church
Spiller Address: 50 WASHINGTON AVE
Spiller County: 999
Spiller Contact: JIM ROFF
Spiller Phone: (518) 527-3384
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 253527
DEC Memo: "7/1/19 Leak in interstitial WCDOH requiring Church to replace tank.
Temp tank to be used in interim. Church tank to be completely emptied
Tues and new tank to be installed once funding approved. mt. "
Remarks: "no spill tank test failure"

All Materials:
Site ID: 591279
Operable Unit ID: 1338903
Operable Unit: 01
Material ID: 2348426

- Continued on next page -

# Site Detail Report

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

LTANKS

**EDR ID:** S117851738 **DIST/DIR:** 0.249 NW **ELEVATION:** 110 **MAP ID:** AF131

**NAME:** ST GABRIEL HIGH SCHOOL

**ADDRESS:** 50 WASHINGTON AVE
NEW ROCHELLE, NY
WESTCHESTER

**SOURCE:** NY Department of Environmental Conservation

**Rev:** 08/12/2019
ID/Status: 1903323 / Not Reported
ID/Status: 591279
ID/Status: 2019-07-01

Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

# Database Descriptions

NPL: NPL 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. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: Delisted NPL 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. Delisted NPL - National Priority List Deletions

CERCLIS: SEMS SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL. SEMS - Superfund Enterprise Management System

NFRAP: SEMS-ARCHIVE SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site. SEMS-ARCHIVE - Superfund Enterprise Management System Archive

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

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

RCRA GEN: 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. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-VSQG - RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators).

Federal IC / EC: US ENG CONTROLS 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. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

# Database Descriptions

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

State/Tribal CERCLIS: SHWS 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 SHWS - Inactive Hazardous Waste Disposal Sites in New York State

State/Tribal SWL: SWF/LF 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. SWF/LF - Facility Register

State/Tribal LTANKS: INDIAN LUST R9 INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R5 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. LUSTs on Indian land in Iowa, Kansas, and Nebraska INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land LTANKS - Spills Information Database. HIST LTANKS - Listing of Leaking Storage Tanks.

State/Tribal Tanks: UST Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. UST - Petroleum Bulk Storage (PBS) Database CBS UST - Chemical Bulk Storage Database. MOSF UST - Major Oil Storage Facilities Database. CBS - Chemical Bulk Storage Site Listing. MOSF - Major Oil Storage Facility Site Listing. AST - Petroleum Bulk Storage. CBS AST - Chemical Bulk Storage Database. MOSF AST - Major Oil Storage Facilities Database. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land. TANKS NASSAU - Registered Tank Database in Nassau County. TANKS - Storage Tank Faciliy Listing.

State/Tribal IC / EC: RES DECL ENV RES DECL - Environmental Restrictive Declarations. 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. ENV RES DECL - Restrictive Declarations Listing ENG CONTROLS - Registry of Engineering Controls. INST CONTROL - Registry of Institutional Controls.

State/Tribal VCP: VCP VCP NYC - Voluntary Cleanup Program Listing NYC. 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. VCP NYC - Voluntary Cleanup Agreements

ST/Tribal Brownfields: BROWNFIELDS 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. BROWNFIELDS - Brownfields Site List ERP - Environmental Restoration Program Listing.

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

# Database Descriptions

Other Haz Sites: US CDL 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. US CDL - Clandestine Drug Labs PFAS - PFAS Contamination Site Location Listing.

Other Tanks: SUFFOLK CO TANKS Facilities that have no tank information SUFFOLK CO TANKS - Storage Tank Database CORTLAND CO. UST - Cortland County Storage Tank Listing. WESTCHESTER CO. UST - Listing of Storage Tanks. NASSAU CO. UST - Registered Tank Database. ROCKLAND CO. UST - Petroleum Bulk Storage Database. SUFFOLK CO. UST - Storage Tank Database. NCFM UST - Storage Tank Database. HIST UST - Historical Petroleum Bulk Storage Database. CORTLAND CO. AST - Cortland County Storage Tank Listing. WESTCHESTER CO. AST - Listing of Storage Tanks. NASSAU CO. AST - Registered Tank Database. ROCKLAND CO. AST - Petroleum Bulk Storage Database. SUFFOLK CO. AST - Storage Tank Database. NCFM AST - Storage Tank Database. HIST AST - Historical Petroleum Bulk Storage Database.

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System SPILLS - Spills Information Database. HIST SPILLS - SPILLS Database. SPILLS 90 - SPILLS90 data from FirstSearch. SPILLS 80 - SPILLS80 data from FirstSearch.

Other: RCRA NonGen / NLR RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators / No Longer Regulated FEDLAND - Federal and Indian Lands. TSCA - Toxic Substances Control Act. TRIS - Toxic Chemical Release Inventory System. SSTS - Section 7 Tracking Systems. RAATS - RCRA Administrative Action Tracking System. PRP - Potentially Responsible Parties. PADS - PCB Activity Database System. ICIS - Integrated Compliance Information System. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. BRS - Biennial Reporting System. INDIAN RESERV - Indian Reservations. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. FINDS - Facility Index System/Facility Registry System. DRYCLEANERS - Registered Drycleaners. HSWDS - Hazardous Substance Waste Disposal Site Inventory. NY MANIFEST - Facility and Manifest Data. SPDES - State Pollutant Discharge Elimination System. COOLING TOWERS - Registered Cooling Towers.

## Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Quarterly

State/Tribal CERCLIS: Department of Environmental Conservation

Updated Annually

State/Tribal SWL: Department of Environmental Conservation

Updated Quarterly

State/Tribal LTANKS: EPA Region 8

Varies

State/Tribal Tanks: Department of Environmental Conservation

No Update Planned

## Database Sources

State/Tribal IC / EC: NYC Department of City Planning

Varies

State/Tribal VCP: New York City Office of Environmental Protection

Varies

ST/Tribal Brownfields: Department of Environmental Conservation

Updated Semi-Annually

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: Department of Health Services

Varies

Spills: U.S. Department of Transportation

Updated Quarterly

Other: Environmental Protection Agency

Updated Quarterly

# Street Name Report for Streets near the Target Property

Target Property: 316 HUGUENOT STREET
NEW ROCHELLE, NY 10801

JOB: NA

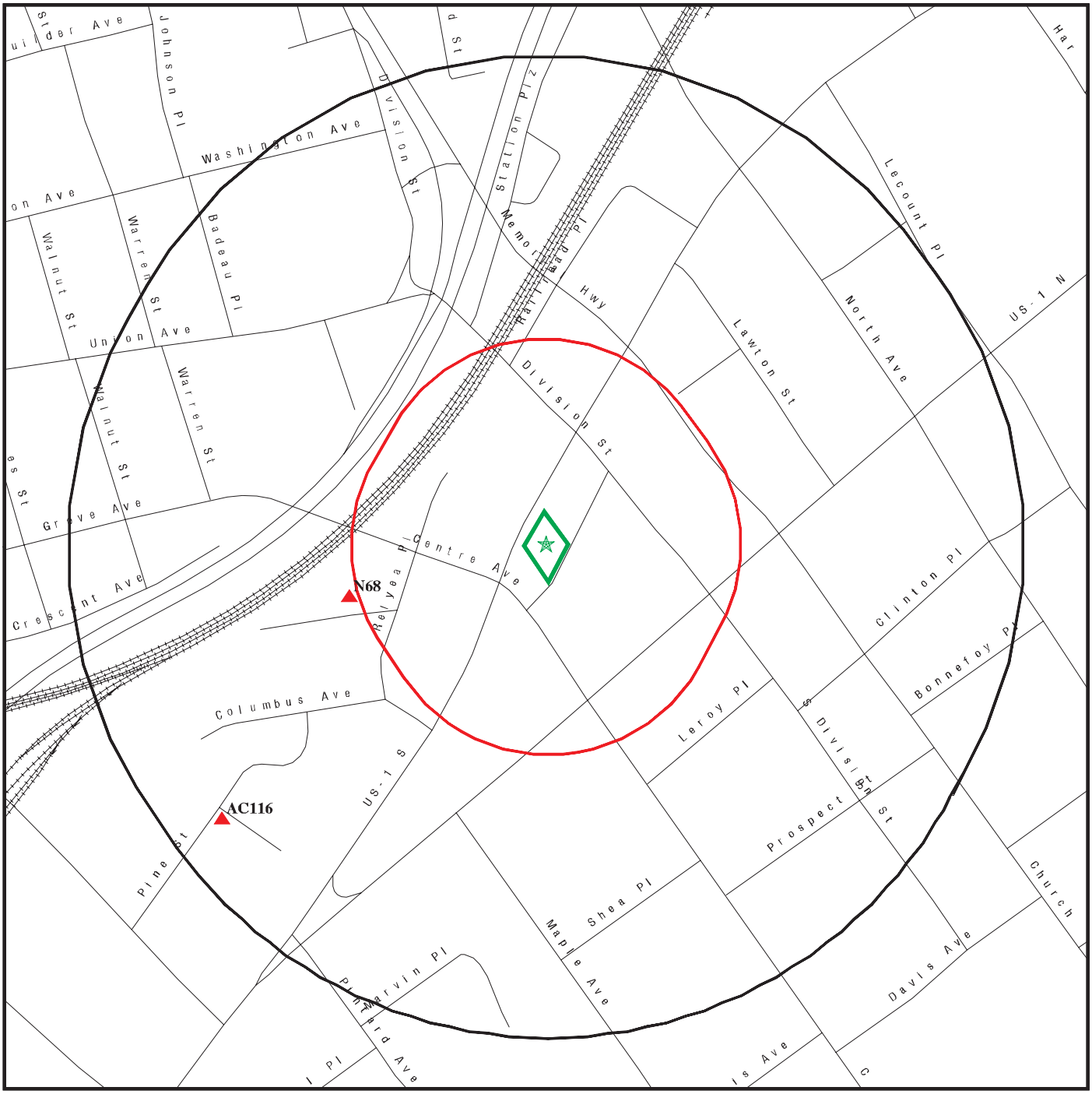
| Street Name | Dist/Dir | Street Name | Dist/Dir |
|---|---|---|---|
| Anderson St | 0.21 NE | | |
| Badeau Pl | 0.21 NW | | |
| Bartels Pl | 0.09 WSW | | |
| Bonnefoy Pl | 0.22 ESE | | |
| Bridge St | 0.19 NNE | | |
| Centre Ave | 0.03 SW | | |
| Church St | 0.13 East | | |
| Clinton Pl | 0.16 ESE | | |
| Columbus Ave | 0.12 SW | | |
| County Hwy-81 | 0.23 NNE | | |
| Crescent Ave | 0.18 West | | |
| Division St | 0.05 NE | | |
| Grove Ave | 0.14 West | | |
| Huguenot St | 0.21 SSW | | |
| I-95 N | 0.11 NW | | |
| I-95 S | 0.12 NW | | |
| Lawton St | 0.15 NE | | |
| Leroy Pl | 0.14 SE | | |
| Maple Ave | 0.15 SSW | | |
| Marvin Pl | 0.23 SSW | | |
| Memorial Hwy | 0.10 NE | | |
| North Ave | 0.21 NE | | |
| Odell Pl | 0.13 NW | | |
| Pine Ct | 0.22 SW | | |
| Pine St | 0.16 SW | | |
| Prospect St | 0.21 SE | | |
| Railroad Pl | 0.10 NNW | | |
| Ramp | 0.21 NNE | | |
| Relyea Pl | 0.07 WNW | | |
| S Division St | 0.09 ESE | | |
| Shea Pl | 0.19 SSE | | |
| Station Plz | 0.13 NNW | | |
| US-1 N | 0.08 SE | | |
| US-1 S | 0.02 WNW | | |
| Union Ave | 0.15 NNW | | |
| Walnut St | 0.22 West | | |
| Warren St | 0.19 West | | |
| Washington Ave | 0.24 NNW | | |
| Westchester Pl | 0.01 ESE | | |

# Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: NPL, RCRACOR, STATES Sites

316 HUGUENOT STREET NEW ROCHELLE, NY 10801




Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 40.908548 Longitude: 73.784357)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

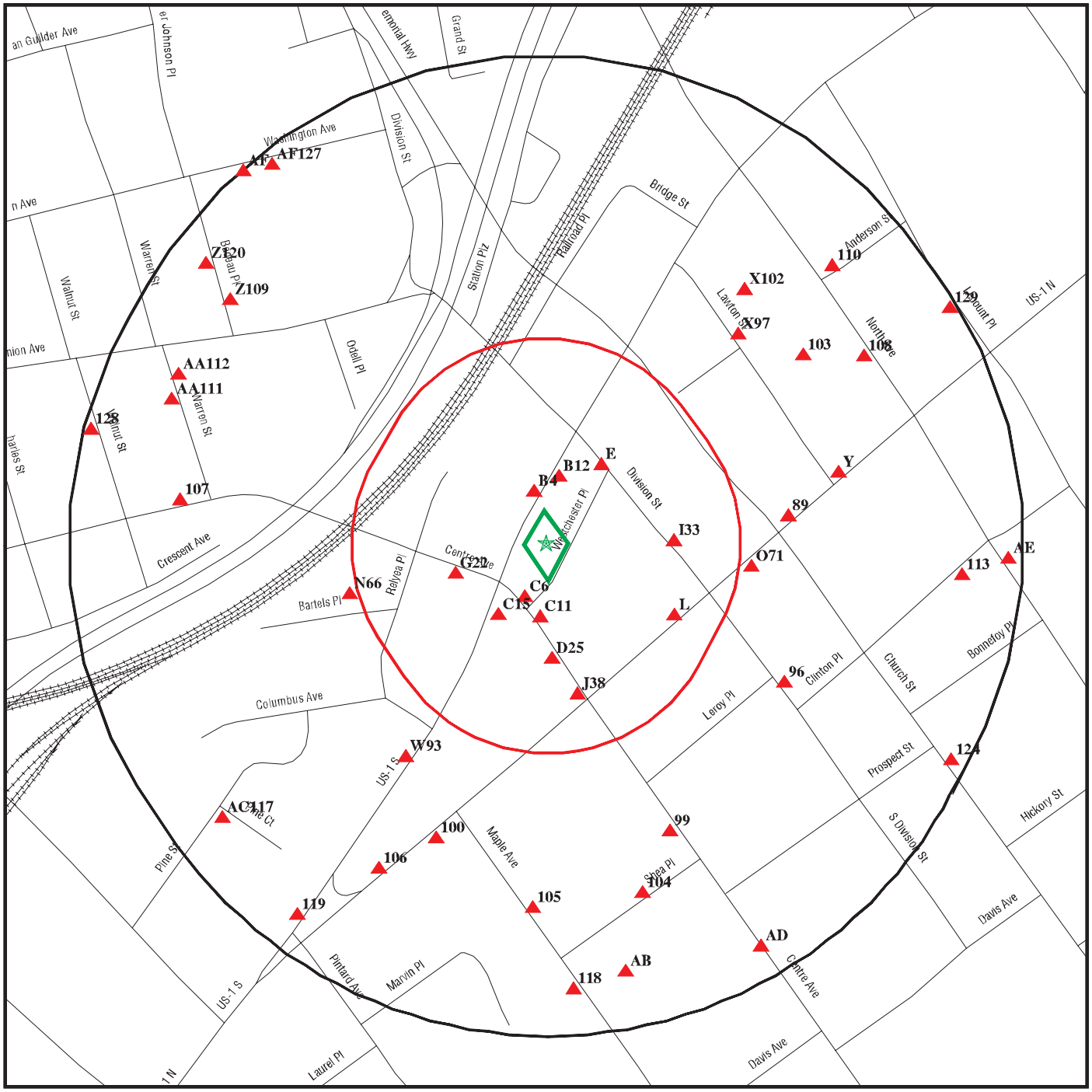
EDR Reference Code (EDR internal use only): 05806893.2r
Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.
19-09-27.11:01:29.Fri

# Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL

316 HUGUENOT STREET NEW ROCHELLE, NY 10801




**Black Rings Represent Qtr. Mile Radius;** **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 40.908548 Longitude: 73.784357)**

▲ **Identified Sites**

**National Priority List Sites**

**Indian Reservations BIA**

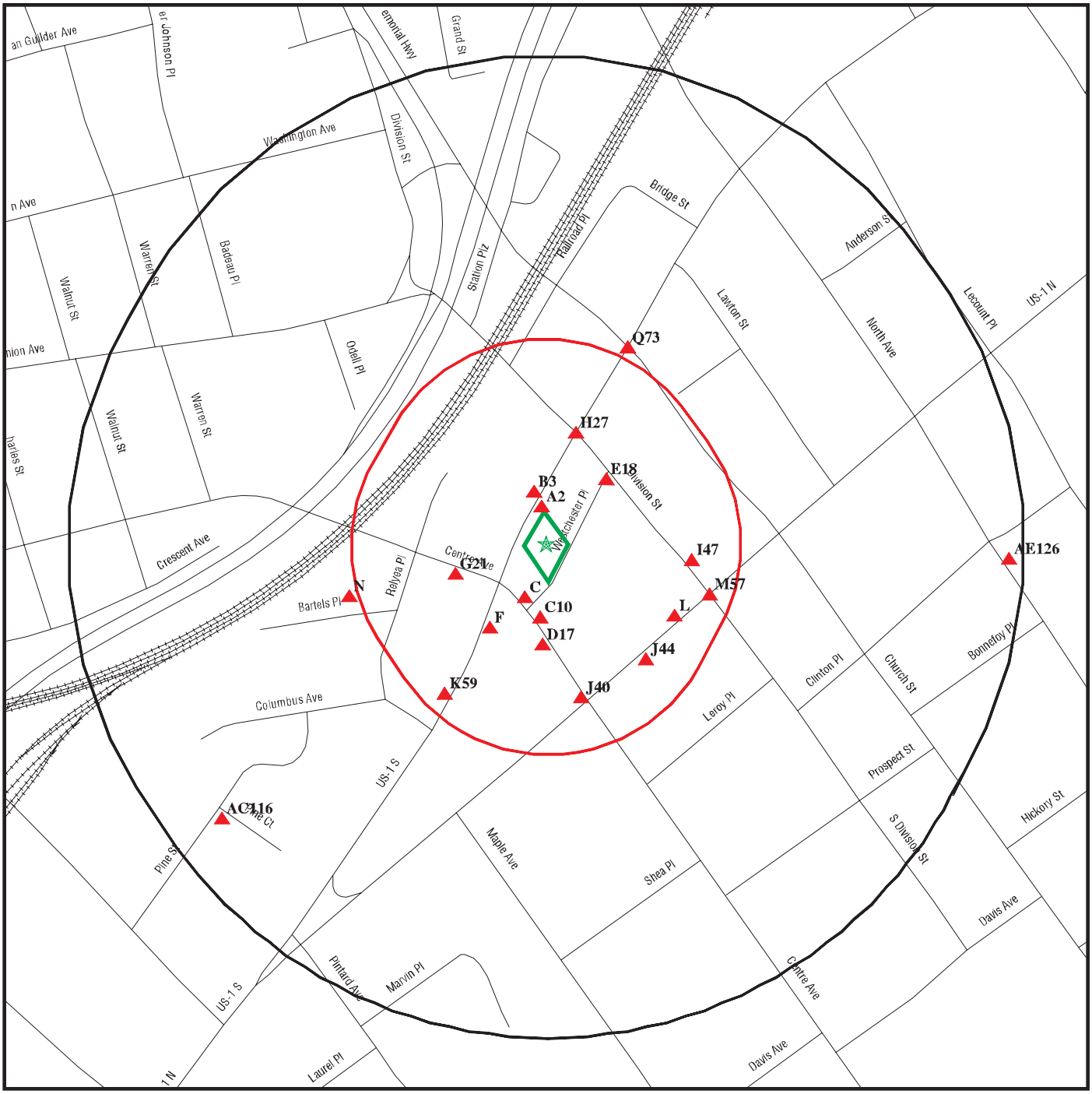
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19-09-27.11:01:36.Fri

# Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

316 HUGUENOT STREET NEW ROCHELLE, NY 10801




**Black Rings Represent Qtr. Mile Radius;** **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 40.908548 Longitude: 73.784357)**

▲ **Identified Sites**

**National Priority List Sites**

**Indian Reservations BIA**

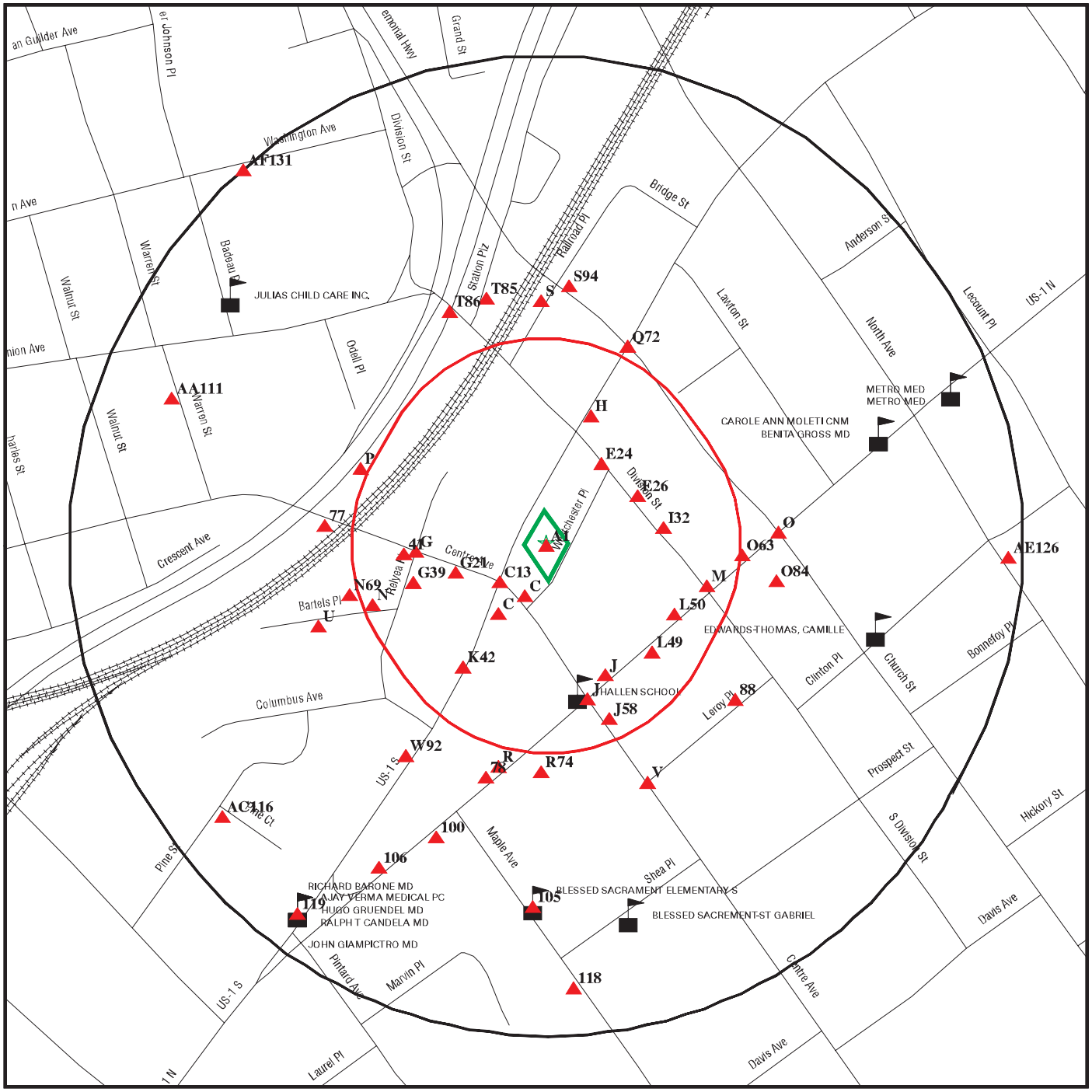
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19-09-27.11:01:41.Fri

# Environmental FirstSearch

0.25 Mile Radius

Non ASTM Map, Spills, FINDS

316 HUGUENOT STREET NEW ROCHELLE, NY 10801




**Black Rings Represent Qtr. Mile Radius;** **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 40.908548 Longitude: 73.784357)**

▲ **Identified Sites**

**Sensitive Receptors**

**National Priority List Sites**

**Indian Reservations BIA**


**EDR Reference Code (EDR Internal use only): 05806893.2r**

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**19-09-27.11:01:47.Fri**

# APPENDIX C – SAMPLING AND ANALYTICAL SUMMARY TABLES

**Table 1**
**RI Sampling Summary**

| Sampler | Sample ID | Collection Date | Sample Location and Purpose | Matrix | Sample Depth / Depth to GW (ft bgs) |
|---|---|---|---|---|---|
| SESI | GW-1 | 9/24/2020 | 316 Huguenot Street | Groundwater | 10.4 |
| | GW-2 | 9/24/2020 | 316 Huguenot Street | Groundwater | 9.11 |
| | SV-5 | 9/25/2020 | 316 Huguenot Street | Soil Vapor | 6 – 7 |
| | SV-6 | 9/25/2020 | 316 Huguenot Street | Soil Vapor | 6 – 7 |
| | SB-4 | 9/25/2020 | 316 Huguenot Street | Soil | 1 – 2 |
| | SB-5 (13) | 10/21/2020 | 316 Huguenot Street | Soil | 8 |
| | SB-5 (8) | 10/21/2020 | 316 Huguenot Street | Soil | 13 |
| | SB-6 (8) | 10/21/2020 | 316 Huguenot Street | Soil | 8 |
| | MW-2D | 10/27/2020 | 316 Huguenot Street | Groundwater | 7.63 |
| EBC | 316B1 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |
| | 316B2 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |
| | 316B3 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |
| | 316B4 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |
| | 316B5 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |
| | 316B6 FILL | 8/4/2020 | 316 Huguenot Street | Soil | |

Table 2
Soil Sampling Avalytical Results
SESI - September October 2020

| LOCATION | | | | SB-6 (8') | | SB-5 (8') | | SB-5 (13') | | SB-4 (1'-2') | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | 10/21/2020 | | 10/21/2020 | | 10/21/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | L2045623-12 | | L2045623-13 | | L2045623-14 | | L2040743-04 | |
| SAMPLE TYPE | | | | SOIL | | SOIL | | SOIL | | SOIL | |
| **General Chemistry** | **RRSCO** | **USCO** | **Units** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** |
| Solids, Total | | | % | 83.6 | | 90.2 | | 91.1 | | 84.6 | |
| Cyanide, Total | 27 | 27 | mg/kg | 1.1 | U | 1.1 | U | 1.1 | U | 1.1 | U |
| **Organochlorine Pesticides by GC** | | | | | | | | | | | |
| Delta-BHC | 100 | 0.04 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Lindane | 1.3 | 0.1 | mg/kg | 0.000765 | U | 0.000707 | U | 0.000713 | U | 0.000756 | U |
| Alpha-BHC | 0.48 | 0.02 | mg/kg | 0.000765 | U | 0.000707 | U | 0.000713 | U | 0.000756 | U |
| Beta-BHC | 0.36 | 0.036 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Heptachlor | 2.1 | 0.042 | mg/kg | 0.000918 | U | 0.000848 | U | 0.000855 | U | 0.000908 | U |
| Aldrin | 0.097 | 0.005 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Heptachlor epoxide | | | mg/kg | 0.00344 | U | 0.00318 | U | 0.00321 | U | 0.0034 | U |
| Endrin | 11 | 0.014 | mg/kg | 0.000765 | U | 0.000707 | U | 0.000713 | U | 0.000756 | U |
| Endrin aldehyde | | | mg/kg | 0.0023 | U | 0.00212 | U | 0.00214 | U | 0.00227 | U |
| Endrin ketone | | | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Dieldrin | 0.2 | 0.005 | mg/kg | 0.00115 | U | 0.00106 | U | 0.00107 | U | 0.00113 | U |
| 4,4'-DDE | 8.9 | 0.0033 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| 4,4'-DDD | 13 | 0.0033 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| 4,4'-DDT | 7.9 | 0.0033 | mg/kg | 0.00344 | U | 0.00318 | U | 0.00321 | U | 0.0034 | U |
| Endosulfan I | 24 | 2.4 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Endosulfan II | 24 | 2.4 | mg/kg | 0.00184 | U | 0.0017 | U | 0.00171 | U | 0.00182 | U |
| Endosulfan sulfate | 24 | 2.4 | mg/kg | 0.000765 | U | 0.000707 | U | 0.000713 | U | 0.000756 | U |
| Methoxychlor | | | mg/kg | 0.00344 | U | 0.00318 | U | 0.00321 | U | 0.0034 | U |
| Toxaphene | | | mg/kg | 0.0344 | U | 0.0318 | U | 0.0321 | U | 0.034 | U |
| cis-Chlordane | 4.2 | 0.094 | mg/kg | 0.0023 | U | 0.00212 | U | 0.00214 | U | 0.00227 | U |
| trans-Chlordane | | | mg/kg | 0.0023 | U | 0.00212 | U | 0.00214 | U | 0.00227 | U |
| Chlordane | | | mg/kg | 0.0153 | U | 0.0141 | U | 0.0142 | U | 0.0151 | U |

Table 2
Soil Sampling Avalytical Results
SESI - September October 2020

| LOCATION | | | | SB-6 (8') | | SB-5 (8') | | SB-5 (13') | | SB-4 (1'-2') | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | 10/21/2020 | | 10/21/2020 | | 10/21/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | L2045623-12 | | L2045623-13 | | L2045623-14 | | L2040743-04 | |
| SAMPLE TYPE | | | | SOIL | | SOIL | | SOIL | | SOIL | |
| **General Chemistry** | **RRSCO** | **USCO** | **Units** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** |
| **Perfluorinated Alkyl Acids by Isotope Dilution** | | | | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluoropentanoic Acid (PFPeA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorobutanesulfonic Acid (PFBS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorohexanoic Acid (PFHxA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluoroheptanoic Acid (PFHpA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorohexanesulfonic Acid (PFHxS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorooctanoic Acid (PFOA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluoroheptanesulfonic Acid (PFHpS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorononanoic Acid (PFNA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorooctanesulfonic Acid (PFOS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorodecanoic Acid (PFDA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluoroundecanoic Acid (PFUnA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorodecanesulfonic Acid (PFDS) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorooctanesulfonamide (FOSA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorododecanoic Acid (PFDoA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorotridecanoic Acid (PFTrDA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| Perfluorotetradecanoic Acid (PFTA) | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| PFOA/PFOS, Total | | | mg/kg | - | - | 0.00209 | U | 0.000497 | U | - | - |
| **Polychlorinated Biphenyls by GC** | | | | | | | | | | | |
| Aroclor 1016 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1221 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1232 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1242 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1248 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1254 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1260 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1262 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| Aroclor 1268 | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |
| PCBs, Total | 1 | 0.1 | mg/kg | 0.0381 | U | 0.0363 | U | 0.0348 | U | 0.0372 | U |

Table 2
Soil Sampling Avalytical Results
SESI - September October 2020

| LOCATION | | | | SB-6 (8') | | SB-5 (8') | | SB-5 (13') | | SB-4 (1'-2') | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | 10/21/2020 | | 10/21/2020 | | 10/21/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | L2045623-12 | | L2045623-13 | | L2045623-14 | | L2040743-04 | |
| SAMPLE TYPE | | | | SOIL | | SOIL | | SOIL | | SOIL | |
| **General Chemistry** | **RRSCO** | **USCO** | **Units** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** |
| **Semivolatile Organics by GC/MS** | | | | | | | | | | | |
| Acenaphthene | 100 | 20 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.075 | J |
| 1,2,4-Trichlorobenzene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Hexachlorobenzene | 1.2 | 0.33 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.12 | U |
| Bis(2-chloroethyl)ether | | | mg/kg | 0.18 | U | 0.16 | U | 0.16 | U | 0.18 | U |
| 2-Chloronaphthalene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 1,2-Dichlorobenzene | 100 | 1.1 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 1,3-Dichlorobenzene | 49 | 2.4 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 1,4-Dichlorobenzene | 13 | 1.8 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 3,3'-Dichlorobenzidine | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2,4-Dinitrotoluene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2,6-Dinitrotoluene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Fluoranthene | 100 | 100 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 1.5 | |
| 4-Chlorophenyl phenyl ether | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 4-Bromophenyl phenyl ether | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Bis(2-chloroisopropyl)ether | | | mg/kg | 0.23 | U | 0.22 | U | 0.22 | U | 0.23 | U |
| Bis(2-chloroethoxy)methane | | | mg/kg | 0.21 | U | 0.2 | U | 0.2 | U | 0.21 | U |
| Hexachlorobutadiene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Hexachlorocyclopentadiene | | | mg/kg | 0.56 | U | 0.52 | U | 0.52 | U | 0.56 | U |
| Hexachloroethane | | | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.16 | U |
| Isophorone | | | mg/kg | 0.18 | U | 0.16 | U | 0.16 | U | 0.18 | U |
| Naphthalene | 100 | 12 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.039 | J |
| Nitrobenzene | | | mg/kg | 0.18 | U | 0.16 | U | 0.16 | U | 0.18 | U |
| NDPA/DPA | | | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.16 | U |
| n-Nitrosodi-n-propylamine | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Bis(2-ethylhexyl)phthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Butyl benzyl phthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Di-n-butylphthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Di-n-octylphthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Diethyl phthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Dimethyl phthalate | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Benzo(a)anthracene | 1 | 1 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.76 | |
| Benzo(a)pyrene | 1 | 1 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.8 | |
| Benzo(b)fluoranthene | 1 | 1 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 1 | |
| Benzo(k)fluoranthene | 3.9 | 0.8 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.37 | |
| Chrysene | 3.9 | 1 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.69 | |
| Acenaphthylene | 100 | 100 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.034 | J |
| Anthracene | 100 | 100 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.2 | |
| Benzo(ghi)perylene | 100 | 100 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.54 | |
| Fluorene | 100 | 30 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.059 | J |
| Phenanthrene | 100 | 100 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.89 | |
| Dibenzo(a,h)anthracene | 0.33 | 0.33 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.12 | |
| Indeno(1,2,3-cd)pyrene | 0.5 | 0.5 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.53 | |
| Pyrene | 100 | 100 | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 1.3 | |
| Biphenyl | | | mg/kg | 0.44 | U | 0.41 | U | 0.41 | U | 0.44 | U |
| 4-Chloroaniline | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2-Nitroaniline | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 3-Nitroaniline | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 4-Nitroaniline | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Dibenzofuran | 59 | 7 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.038 | J |
| 2-Methylnaphthalene | | | mg/kg | 0.23 | U | 0.22 | U | 0.22 | U | 0.23 | U |
| 1,2,4,5-Tetrachlorobenzene | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Acetophenone | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2,4,6-Trichlorophenol | | | mg/kg | 0.12 | U | 0.11 | U | 0.11 | U | 0.12 | U |
| p-Chloro-m-cresol | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2-Chlorophenol | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2,4-Dichlorophenol | | | mg/kg | 0.18 | U | 0.16 | U | 0.16 | U | 0.18 | U |
| 2,4-Dimethylphenol | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2-Nitrophenol | | | mg/kg | 0.42 | U | 0.39 | U | 0.39 | U | 0.42 | U |
| 4-Nitrophenol | | | mg/kg | 0.27 | U | 0.25 | U | 0.25 | U | 0.27 | U |
| 2,4-Dinitrophenol | | | mg/kg | 0.93 | U | 0.87 | U | 0.87 | U | 0.94 | U |
| 4,6-Dinitro-o-cresol | | | mg/kg | 0.5 | U | 0.47 | U | 0.47 | U | 0.51 | U |
| Pentachlorophenol | 6.7 | 0.8 | mg/kg | 0.16 | U | 0.14 | U | 0.14 | U | 0.16 | U |
| Phenol | 100 | 0.33 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 2-Methylphenol | 100 | 0.33 | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| 3-Methylphenol/4-Methylphenol | 100 | 0.33 | mg/kg | 0.28 | U | 0.26 | U | 0.26 | U | 0.28 | U |
| 2,4,5-Trichlorophenol | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Benzoic Acid | | | mg/kg | 0.63 | U | 0.59 | U | 0.58 | U | 0.63 | U |
| Benzyl Alcohol | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.2 | U |
| Carbazole | | | mg/kg | 0.19 | U | 0.18 | U | 0.18 | U | 0.13 | J |
| 1,4-Dioxane | 13 | 0.1 | mg/kg | 0.029 | U | 0.027 | U | 0.027 | U | 0.029 | U |

Table 2
Soil Sampling Avalytical Results
SESI - September October 2020

| LOCATION | | | | SB-6 (8') | | SB-5 (8') | | SB-5 (13') | | SB-4 (1'-2') | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | 10/21/2020 | | 10/21/2020 | | 10/21/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | L2045623-12 | | L2045623-13 | | L2045623-14 | | L2040743-04 | |
| SAMPLE TYPE | | | | SOIL | | SOIL | | SOIL | | SOIL | |
| **General Chemistry** | **RRSCO** | **USCO** | **Units** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** |
| **Total Metals** | | | | | | | | | | | |
| Aluminum, Total | | | mg/kg | 16000 | | 8470 | | 9170 | | 8600 | |
| Antimony, Total | | | mg/kg | 4.66 | U | 4.3 | U | 4.15 | U | 2.01 | J |
| Arsenic, Total | 16 | 13 | mg/kg | 0.932 | U | 0.859 | | 0.83 | U | 8.44 | |
| Barium, Total | 400 | 350 | mg/kg | 169 | | 55.4 | | 108 | | 270 | |
| Beryllium, Total | 72 | 7.2 | mg/kg | 0.438 | J | 0.275 | J | 0.191 | J | 0.385 | J |
| Cadmium, Total | 4.3 | 2.5 | mg/kg | 0.932 | U | 0.859 | U | 0.83 | U | 0.247 | J |
| Calcium, Total | | | mg/kg | 1540 | | 712 | | 1120 | | 10600 | |
| Chromium, Total | | | mg/kg | 37.5 | | 15.4 | | 44 | | 17.2 | |
| Cobalt, Total | | | mg/kg | 20.5 | | 6.67 | | 11 | | 6.34 | |
| Copper, Total | 270 | 50 | mg/kg | 32.9 | | 12.9 | | 23.6 | | 62.6 | |
| Iron, Total | | | mg/kg | 30900 | | 12700 | | 17500 | | 16500 | |
| Lead, Total | 400 | 63 | mg/kg | 8.09 | | 4.07 | J | 3.33 | J | 550 | |
| Magnesium, Total | | | mg/kg | 6440 | | 1920 | | 4420 | | 4840 | |
| Manganese, Total | 2000 | 1600 | mg/kg | 623 | | 443 | | 301 | | 338 | |
| Mercury, Total | 0.81 | 0.18 | mg/kg | 0.075 | U | 0.071 | U | 0.069 | U | 0.294 | |
| Nickel, Total | 310 | 30 | mg/kg | 26.8 | | 12.2 | | 24.9 | | 14.9 | |
| Potassium, Total | | | mg/kg | 9940 | | 1740 | | 5000 | | 1040 | |
| Selenium, Total | 180 | 3.9 | mg/kg | 1.86 | U | 1.72 | U | 1.66 | U | 0.284 | J |
| Silver, Total | 180 | 2 | mg/kg | 0.932 | U | 0.859 | U | 0.83 | U | 0.916 | U |
| Sodium, Total | | | mg/kg | 115 | J | 143 | J | 151 | J | 124 | J |
| Thallium, Total | | | mg/kg | 1.86 | U | 1.72 | U | 1.66 | U | 1.83 | U |
| Vanadium, Total | | | mg/kg | 50.5 | | 18.6 | | 30.6 | | 22 | |
| Zinc, Total | 10000 | 109 | mg/kg | 67.4 | | 21.1 | | 33.2 | | 177 | |

Table 2
Soil Sampling Avalytical Results
SESI - September October 2020

| LOCATION | | | | SB-6 (8') | | SB-5 (8') | | SB-5 (13') | | SB-4 (1'-2') | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | 10/21/2020 | | 10/21/2020 | | 10/21/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | L2045623-12 | | L2045623-13 | | L2045623-14 | | L2040743-04 | |
| SAMPLE TYPE | | | | SOIL | | SOIL | | SOIL | | SOIL | |
| **General Chemistry** | **RRSCO** | **USCO** | **Units** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** | **Results** | **Qual** |
| **Volatile Organics by EPA 5035** | | | | | | | | | | | |
| Methylene chloride | 100 | 0.05 | mg/kg | 0.0052 | U | 0.0046 | U | 0.0042 | U | 0.0062 | U |
| 1,1-Dichloroethane | 26 | 0.27 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Chloroform | 49 | 0.37 | mg/kg | 0.00017 | J | 0.0014 | U | 0.00014 | J | 0.0019 | U |
| Carbon tetrachloride | 2.4 | 0.76 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,2-Dichloropropane | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Dibromochloromethane | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,1,2-Trichloroethane | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Tetrachloroethene | 19 | 1.3 | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00043 | J |
| Chlorobenzene | 100 | 1.1 | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Trichlorofluoromethane | | | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| 1,2-Dichloroethane | 3.1 | 0.02 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,1,1-Trichloroethane | 100 | 0.68 | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Bromodichloromethane | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| trans-1,3-Dichloropropene | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| cis-1,3-Dichloropropene | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| 1,3-Dichloropropene, Total | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| 1,1-Dichloropropene | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Bromoform | | | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| 1,1,2,2-Tetrachloroethane | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Benzene | 4.8 | 0.06 | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Toluene | 100 | 0.7 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Ethylbenzene | 41 | 1 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Chloromethane | | | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| Bromomethane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| Vinyl chloride | 0.9 | 0.02 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Chloroethane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,1-Dichloroethene | 100 | 0.33 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| trans-1,2-Dichloroethene | 100 | 0.19 | mg/kg | 0.0016 | U | 0.0014 | U | 0.0013 | U | 0.0019 | U |
| Trichloroethene | 21 | 0.47 | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| 1,2-Dichlorobenzene | 100 | 1.1 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,3-Dichlorobenzene | 49 | 2.4 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,4-Dichlorobenzene | 13 | 1.8 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| Methyl tert butyl ether | 100 | 0.93 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| p/m-Xylene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| o-Xylene | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Xylenes, Total | 100 | 0.26 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| cis-1,2-Dichloroethene | 100 | 0.25 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,2-Dichloroethene, Total | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Dibromomethane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| Styrene | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Dichlorodifluoromethane | | | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| Acetone | 100 | 0.05 | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| Carbon disulfide | | | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| 2-Butanone | 100 | 0.12 | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| Vinyl acetate | | | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| 4-Methyl-2-pentanone | | | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| 1,2,3-Trichloropropane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 2-Hexanone | | | mg/kg | 0.01 | U | 0.0092 | U | 0.0084 | U | 0.012 | U |
| Bromochloromethane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 2,2-Dichloropropane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,2-Dibromoethane | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,3-Dichloropropane | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,1,1,2-Tetrachloroethane | | | mg/kg | 0.00052 | U | 0.00046 | U | 0.00042 | U | 0.00062 | U |
| Bromobenzene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| n-Butylbenzene | 100 | 12 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| sec-Butylbenzene | 100 | 11 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| tert-Butylbenzene | 100 | 5.9 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| o-Chlorotoluene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| p-Chlorotoluene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,2-Dibromo-3-chloropropane | | | mg/kg | 0.0031 | U | 0.0028 | U | 0.0025 | U | 0.0037 | U |
| Hexachlorobutadiene | | | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| Isopropylbenzene | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| p-Isopropyltoluene | | | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| Naphthalene | 100 | 12 | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| Acrylonitrile | | | mg/kg | 0.0042 | U | 0.0037 | U | 0.0034 | U | 0.005 | U |
| n-Propylbenzene | 100 | 3.9 | mg/kg | 0.001 | U | 0.00092 | U | 0.00084 | U | 0.0012 | U |
| 1,2,3-Trichlorobenzene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,2,4-Trichlorobenzene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,3,5-Trimethylbenzene | 52 | 8.4 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,2,4-Trimethylbenzene | 52 | 3.6 | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,4-Dioxane | 13 | 0.1 | mg/kg | 0.084 | U | 0.074 | U | 0.067 | U | 0.1 | U |
| p-Diethylbenzene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| p-Ethyltoluene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| 1,2,4,5-Tetramethylbenzene | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| Ethyl ether | | | mg/kg | 0.0021 | U | 0.0018 | U | 0.0017 | U | 0.0025 | U |
| trans-1,4-Dichloro-2-butene | | | mg/kg | 0.0052 | U | 0.0046 | U | 0.0042 | U | 0.0062 | U |

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Qualifier Key
NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

I - The lower value for the two columns has been reported due to obvious interference.
G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
RE - Analytical results are from sample re-extraction.
R - Analytical results are from sample re-analysis.
D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Not detected at the reported detection limit for the sample.
M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
S - Analytical results are from modified screening analysis.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Table 2.2
RI Soil Analytical Results
EBC - August, 2020

| Lab Sample Id | | | | | CG48033 | | CG48034 | | CG48035 | | CG48036 | | CG48037 | | CG48038 | | CG48039 | | CG48040 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collection Date | | | | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | |
| Client Id | | | | | 316B1 FILL | | 316B2 FILL | | 316B3 FILL | | 316B4 FILL | | 316B5 FILL | | 316B6 FILL | | TRIP BLANK HL | | TRIP BLANK LI | |
| Matrix | | | | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Project Id : 8 WESTCHESTER AVE, NEW R | Units | GWP | RRSCO | USCO | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL |
| **Miscellaneous/Inorganics** | | | | | | | | | | | | | | | | | | | | |
| Percent Solid | % | | | | | | | | | | | | | | | | | | | |
| Chromium, Hex. (SW3060 digestion) | mg/Kg | 19 | 110 | 1 | | | | | | | | | | | | | | | | |
| pH at 25C - Soil | pH Units | | | | | | | | | | | | | | | | | | | |
| Pyridine | ug/Kg | | | | | | | | | | | | | | | | | | | |
| Redox Potential | mV | | | | | | | | | | | | | | | | | | | |
| Total Cyanide (SW9010C Distill.) | mg/Kg | 40 | 27 | 27 | | | | | | | | | | | | | | | | |
| **Metals, Total** | | | | | | | | | | | | | | | | | | | | |
| Aluminum | mg/Kg | | | | 13,600 | 39 | 11,800 | 36 | 9,310 | 34 | 7,160 | 37 | 13,700 | 35 | 13,300 | 33 | | | | |
| Antimony | mg/Kg | | | | < 3.9 | 3.9 | < 3.6 | 3.6 | < 3.4 | 3.4 | < 3.7 | 3.7 | < 3.5 | 3.5 | < 3.3 | 3.3 | | | | |
| Arsenic | mg/Kg | 16 | 16 | 13 | 1.7 | 0.78 | 1.79 | 0.72 | 4.91 | 0.68 | 16.9 | 0.74 | 2.59 | 0.69 | 6.04 | 0.66 | | | | |
| Barium | mg/Kg | 820 | 400 | 350 | 60.5 | 0.8 | 144 | 0.7 | 102 | 0.7 | 230 | 0.7 | 159 | 0.7 | 101 | 0.7 | | | | |
| Beryllium | mg/Kg | 47 | 72 | 7.2 | 0.38 | 0.31 | < 0.29 | 0.29 | 0.46 | 0.27 | < 0.30 | 0.30 | < 0.28 | 0.28 | 0.41 | 0.26 | | | | |
| Cadmium | mg/Kg | 7.5 | 4.3 | 2.5 | 1.04 | 0.39 | 1.11 | 0.36 | 1.05 | 0.34 | 2.03 | 0.37 | 1.59 | 0.35 | 1.64 | 0.33 | | | | |
| Calcium | mg/Kg | | | | 1,510 | 3.9 | 36,000 | 36 | 8,420 | 3.4 | 95,100 | 37 | 23,900 | 35 | 41,100 | 33 | | | | |
| Chromium | mg/Kg | | | 30 | 19.8 | 0.39 | 35 | 0.36 | 17.6 | 0.34 | 16.7 | 0.37 | 26 | 0.35 | 22.4 | 0.33 | | | | |
| Cobalt | mg/Kg | | | | 9.12 | 0.39 | 10.7 | 0.36 | 7.29 | 0.34 | 6.25 | 0.37 | 13.9 | 0.35 | 9.22 | 0.33 | | | | |
| Copper | mg/Kg | 1,720 | 270 | 50 | 15 | 0.8 | 31.4 | 0.7 | 41.7 | 0.7 | 77.1 | 0.7 | 58.4 | 0.7 | 37.6 | 0.7 | | | | |
| Iron | mg/Kg | | | | 20,100 | 39 | 20,800 | 36 | 14,200 | 34 | 15,100 | 37 | 26,900 | 35 | 20,300 | 33 | | | | |
| Lead | mg/Kg | 450 | 400 | 63 | 6.1 | 0.8 | 12.7 | 0.7 | 276 | 0.7 | 518 | 0.7 | 1,390 | 6.9 | 107 | 0.7 | | | | |
| Magnesium | mg/Kg | | | | 2,510 | 3.9 | 9,450 | 36 | 2,340 | 3.4 | 47,300 | 37 | 15,000 | 35 | 25,100 | 33 | | | | |
| Manganese | mg/Kg | 2,000 | 2,000 | 1,600 | 552 | 3.9 | 310 | 3.6 | 259 | 3.4 | 247 | 3.7 | 360 | 3.5 | 432 | 3.3 | | | | |
| Mercury | mg/Kg | 0.73 | 0.81 | 0.18 | 0.05 | 0.03 | < 0.03 | 0.03 | 0.33 | 0.03 | 0.3 | 0.03 | 0.12 | 0.03 | 0.08 | 0.03 | | | | |
| Molybdenum | mg/Kg | | | | | | | | | | | | | | | | | | | |
| Nickel | mg/Kg | 130 | 310 | 30 | 14.7 | 0.39 | 22.3 | 0.36 | 18.4 | 0.34 | 16.1 | 0.37 | 23.1 | 0.35 | 21.7 | 0.33 | | | | |
| Potassium | mg/Kg | | | | 2,110 | 8 | 5,560 | 72 | 1,070 | 7 | 1,570 | 7 | 5,260 | 69 | 2,750 | 7 | | | | |
| Selenium | mg/Kg | 4 | 180 | 3.9 | < 1.6 | 1.6 | < 1.4 | 1.4 | < 1.4 | 1.4 | < 1.5 | 1.5 | < 1.4 | 1.4 | < 1.3 | 1.3 | | | | |
| Silver | mg/Kg | 8.3 | 180 | 2 | < 0.39 | 0.39 | < 0.36 | 0.36 | < 0.34 | 0.34 | < 0.37 | 0.37 | < 0.35 | 0.35 | < 0.33 | 0.33 | | | | |
| Sodium | mg/Kg | | | | 280 | 8 | 377 | 7 | 337 | 7 | 494 | 7 | 475 | 7 | 241 | 7 | | | | |
| Thallium | mg/Kg | | | | < 1.6 | 1.6 | < 1.4 | 1.4 | < 1.4 | 1.4 | < 1.5 | 1.5 | < 1.4 | 1.4 | < 1.3 | 1.3 | | | | |
| Vanadium | mg/Kg | | | | 27.7 | 0.39 | 39.9 | 0.36 | 24.3 | 0.34 | 32.5 | 0.37 | 54 | 0.35 | 35.4 | 0.33 | | | | |
| Zinc | mg/Kg | 2,480 | 10,000 | 109 | 27.1 | 0.8 | 60.3 | 0.7 | 149 | 0.7 | 268 | 0.7 | 120 | 0.7 | 92.2 | 0.7 | | | | |
| **PCBs By SW8082A** | | | | | | | | | | | | | | | | | | | | |
| PCB-1016 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1221 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1232 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1242 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1248 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1254 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1260 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1262 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |
| PCB-1268 | ug/Kg | | | 100 | < 77 | 77 | < 72 | 72 | < 76 | 76 | < 74 | 74 | < 73 | 73 | < 72 | 72 | | | | |

Table 2.2
RI Soil Analytical Results
EBC - August, 2020

| Lab Sample Id | | | | | CG48033 | | CG48034 | | CG48035 | | CG48036 | | CG48037 | | CG48038 | | CG48039 | | CG48040 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collection Date | | | | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | |
| Client Id | | | | | 316B1 FILL | | 316B2 FILL | | 316B3 FILL | | 316B4 FILL | | 316B5 FILL | | 316B6 FILL | | TRIP BLANK HL | | TRIP BLANK LI | |
| Matrix | | | | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Project Id : 8 WESTCHESTER AVE, NEW R | Units | GWP | RRSCO | USCO | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL |
| **Volatiles By SW8260C** | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/Kg | 680 | 100,000 | 680 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 52 | 52 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1,2-Trichloroethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 150 | 150 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1-Dichloroethane | ug/Kg | 270 | 26,000 | 270 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1-Dichloroethene | ug/Kg | 330 | 100,000 | 330 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 190 | 190 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1-Dichloropropene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2,3-Trichloropropane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2,4-Trichlorobenzene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2,4-Trimethylbenzene | ug/Kg | 3,600 | 52,000 | 3,600 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2-Dibromo-3-chloropropane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 52 | 52 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2-Dibromoethane | ug/Kg | | | | < 1.2 | 1.2 | < 1.2 | 1.2 | < 1.2 | 1.2 | < 26 | 26 | < 1.2 | 1.2 | < 1.2 | 1.2 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2-Dichlorobenzene | ug/Kg | 1,100 | 100,000 | 1,100 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2-Dichloroethane | ug/Kg | 20 | 3,100 | 20 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 26 | 26 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,2-Dichloropropane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 110 | 110 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,3,5-Trimethylbenzene | ug/Kg | 8,400 | 52,000 | 8,400 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,3-Dichlorobenzene | ug/Kg | 2,400 | 49,000 | 2,400 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,3-Dichloropropane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,4-Dichlorobenzene | ug/Kg | 1,800 | 13,000 | 1,800 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 2,2-Dichloropropane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 2-Chlorotoluene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 2-Hexanone | ug/Kg | | | | < 18 | 18 | < 17 | 17 | < 25 | 25 | < 1300 | 1,300 | < 24 | 24 | < 16 | 16 | < 1300 | 1,300 | < 25 | 25 |
| 2-Isopropyltoluene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 4-Chlorotoluene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 4-Methyl-2-pentanone | ug/Kg | | | | < 18 | 18 | < 17 | 17 | < 25 | 25 | < 1300 | 1,300 | < 24 | 24 | < 16 | 16 | < 1300 | 1,300 | < 25 | 25 |
| Acetone | ug/Kg | 50 | 100,000 | 50 | < 18 | 18 | 7.1 | 17 | 5 | 25 | < 260 | 260 | < 24 | 24 | < 16 | 16 | < 1300 | 1,300 | < 25 | 25 |
| Benzene | ug/Kg | 60 | 4,800 | 60 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 60 | 60 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Bromobenzene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Bromochloromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Bromodichloromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Bromoform | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Bromomethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Carbon Disulfide | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Carbon tetrachloride | ug/Kg | 760 | 2,400 | 760 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Chlorobenzene | ug/Kg | 1,100 | 100,000 | 1,100 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Chloroethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Chloroform | ug/Kg | 370 | 49,000 | 370 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Chloromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 52 | 52 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| cis-1,2-Dichloroethene | ug/Kg | 250 | 100,000 | 250 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 250 | 250 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| cis-1,3-Dichloropropene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Dibromochloromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Dibromomethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Dichlorodifluoromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Ethylbenzene | ug/Kg | 1,000 | 41,000 | 1,000 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Hexachlorobutadiene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Isopropylbenzene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | 32 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| m&p-Xylene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Methyl Ethyl Ketone | ug/Kg | 120 | 100,000 | 120 | < 22 | 22 | < 20 | 20 | < 30 | 30 | < 120 | 120 | < 29 | 29 | < 19 | 19 | < 1500 | 1,500 | < 30 | 30 |
| Methyl t-butyl ether (MTBE) | ug/Kg | 930 | 100,000 | 930 | < 7.3 | 7.3 | < 6.8 | 6.8 | < 9.9 | 9.9 | < 280 | 280 | < 9.6 | 9.6 | < 6.3 | 6.3 | < 500 | 500 | < 10 | 10 |
| Methylene chloride | ug/Kg | 50 | 100,000 | 50 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 100 | 100 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Naphthalene | ug/Kg | 12,000 | 100,000 | 12,000 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | 91 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| n-Butylbenzene | ug/Kg | 12,000 | 100,000 | 12,000 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | 39 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| n-Propylbenzene | ug/Kg | 3,900 | 100,000 | 3,900 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| o-Xylene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| p-Isopropyltoluene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| sec-Butylbenzene | ug/Kg | 11,000 | 100,000 | 11,000 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | 47 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Styrene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| tert-Butylbenzene | ug/Kg | 5,900 | 100,000 | 5,900 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Tetrachloroethene | ug/Kg | 1,300 | 19,000 | 1,300 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Tetrahydrofuran (THF) | ug/Kg | | | | < 7.3 | 7.3 | < 6.8 | 6.8 | < 9.9 | 9.9 | < 520 | 520 | < 9.6 | 9.6 | < 6.3 | 6.3 | < 500 | 500 | < 10 | 10 |
| Toluene | ug/Kg | 700 | 100,000 | 700 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | 0.61 | 5.0 |
| trans-1,2-Dichloroethene | ug/Kg | 190 | 100,000 | 190 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 190 | 190 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| trans-1,3-Dichloropropene | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| trans-1,4-dichloro-2-butene | ug/Kg | | | | < 7.3 | 7.3 | < 6.8 | 6.8 | < 9.9 | 9.9 | < 520 | 520 | < 9.6 | 9.6 | < 6.3 | 6.3 | < 500 | 500 | < 10 | 10 |
| Trichloroethene | ug/Kg | 470 | 21,000 | 470 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 170 | 170 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Trichlorofluoromethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Trichlorotrifluoroethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 260 | 260 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| Vinyl chloride | ug/Kg | 20 | 900 | 20 | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 26 | 26 | < 4.8 | 4.8 | < 3.1 | 3.1 | < 250 | 250 | < 5.0 | 5.0 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | | | | < 3.7 | 3.7 | < 3.4 | 3.4 | < 4.9 | 4.9 | < 1000 | 1,000 | < 19 | 19 | < 13 | 13 | < 1000 | 1,000 | < 5.0 | 5.0 |
| Acrolein | ug/Kg | | | | < 1.4 | 1.4 | < 1.4 | 1.4 | < 1.4 | 1.4 | < 52 | 52 | < 1.4 | 1.4 | < 1.4 | 1.4 | < 250 | 250 | < 5.0 | 5.0 |
| Acrylonitrile | ug/Kg | | | | < 7.3 | 7.3 | < 6.8 | 6.8 | < 20 | 20 | < 52 | 52 | < 9.6 | 9.6 | < 13 | 13 | < 1000 | 1,000 | < 10 | 10 |
| Tert-butyl alcohol | ug/Kg | | | | < 73 | 73 | < 68 | 68 | < 99 | 99 | < 5200 | 5,200 | < 96 | 96 | < 63 | 63 | < 5000 | 5,000 | < 100 | 100 |

Table 2.2
RI Soil Analytical Results
EBC - August, 2020

| Lab Sample Id | | | | | CG48033 | | CG48034 | | CG48035 | | CG48036 | | CG48037 | | CG48038 | | CG48039 | | CG48040 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collection Date | | | | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | |
| Client Id | | | | | 316B1 FILL | | 316B2 FILL | | 316B3 FILL | | 316B4 FILL | | 316B5 FILL | | 316B6 FILL | | TRIP BLANK HL | | TRIP BLANK LI | |
| Matrix | | | | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Project Id : 8 WESTCHESTER AVE, NEW R | Units | GWP | RRSCO | USCO | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL |
| **Semivolatiles By SW8270D** | | | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 1,2,4-Trichlorobenzene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 1,2-Dichlorobenzene | ug/Kg | 1,100 | 100,000 | 1,100 | < 260 | 260 | < 250 | 250 | < 270 | 270 | 110 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 1,2-Diphenylhydrazine | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 1,3-Dichlorobenzene | ug/Kg | 2,400 | 49,000 | 2,400 | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 1,4-Dichlorobenzene | ug/Kg | 1,800 | 13,000 | 1,800 | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2,4,5-Trichlorophenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2,4,6-Trichlorophenol | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| 2,4-Dichlorophenol | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| 2,4-Dimethylphenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2,4-Dinitrophenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2,4-Dinitrotoluene | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| 2,6-Dinitrotoluene | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| 2-Chloronaphthalene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2-Chlorophenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2-Methylnaphthalene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | 240 | 270 | 220 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2-Methylphenol (o-cresol) | ug/Kg | 330 | 100,000 | 330 | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 2-Nitroaniline | ug/Kg | | | | < 100 | 100 | < 100 | 100 | < 100 | 100 | < 100 | 100 | < 100 | 100 | < 100 | 100 | | | | |
| 2-Nitrophenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 3&4-Methylphenol (m&p-cresol) | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | 220 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 3,3'-Dichlorobenzidine | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| 3-Nitroaniline | ug/Kg | | | | < 91 | 91 | < 91 | 91 | < 91 | 91 | < 91 | 91 | < 91 | 91 | < 91 | 91 | | | | |
| 4,6-Dinitro-2-methylphenol | ug/Kg | | | | < 230 | 230 | < 220 | 220 | < 230 | 230 | < 220 | 220 | < 220 | 220 | < 220 | 220 | | | | |
| 4-Bromophenyl phenyl ether | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 4-Chloro-3-methylphenol | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 4-Chloroaniline | ug/Kg | | | | < 300 | 300 | < 290 | 290 | < 310 | 310 | < 300 | 300 | < 290 | 290 | < 290 | 290 | | | | |
| 4-Chlorophenyl phenyl ether | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| 4-Nitroaniline | ug/Kg | | | | < 86 | 86 | < 86 | 86 | < 86 | 86 | < 86 | 86 | < 86 | 86 | < 86 | 86 | | | | |
| 4-Nitrophenol | ug/Kg | | | | < 380 | 380 | < 360 | 360 | < 390 | 390 | < 370 | 370 | < 360 | 360 | < 370 | 370 | | | | |
| Acenaphthene | ug/Kg | 98,000 | 100,000 | 20,000 | < 260 | 260 | < 250 | 250 | 1,700 | 270 | 170 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Acenaphthylene | ug/Kg | 107,000 | 100,000 | 100,000 | < 260 | 260 | < 250 | 250 | 190 | 270 | 2,400 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Acetophenone | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Aniline | ug/Kg | | | | < 300 | 300 | < 290 | 290 | < 310 | 310 | < 300 | 300 | < 290 | 290 | < 290 | 290 | | | | |
| Anthracene | ug/Kg | 1,000,000 | 100,000 | 100,000 | < 260 | 260 | 130 | 250 | 2,900 | 270 | 1,100 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Benz(a)anthracene | ug/Kg | 1,000 | 1,000 | 1,000 | < 260 | 260 | 350 | 250 | 6,100 | 270 | 2,800 | 260 | 160 | 250 | < 260 | 260 | | | | |
| Benzidine | ug/Kg | | | | < 340 | 340 | < 340 | 340 | < 340 | 340 | < 340 | 340 | < 340 | 340 | < 340 | 340 | | | | |
| Benzo(a)pyrene | ug/Kg | 22,000 | 1,000 | 1,000 | < 190 | 190 | 320 | 180 | 5,300 | 190 | 3,500 | 190 | 180 | 180 | 120 | 180 | | | | |
| Benzo(b)fluoranthene | ug/Kg | 1,700 | 1,000 | 1,000 | < 260 | 260 | 270 | 250 | 5,700 | 270 | 4,200 | 260 | 200 | 250 | 130 | 260 | | | | |
| Benzo(ghi)perylene | ug/Kg | 1,000,000 | 100,000 | 100,000 | < 260 | 260 | 210 | 250 | 2,800 | 270 | 2,400 | 260 | < 250 | 250 | 120 | 260 | | | | |
| Benzo(k)fluoranthene | ug/Kg | 1,700 | 3,900 | 800 | < 260 | 260 | 270 | 250 | 3,400 | 270 | 3,100 | 260 | 160 | 250 | < 260 | 260 | | | | |
| Benzoic acid | ug/Kg | | | | < 1900 | 1,900 | < 1800 | 1,800 | < 1900 | 1,900 | < 1900 | 1,900 | < 1800 | 1,800 | < 1800 | 1,800 | | | | |
| Benzyl butyl phthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Bis(2-chloroethoxy)methane | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Bis(2-chloroethyl)ether | ug/Kg | | | | < 76 | 76 | < 73 | 73 | < 77 | 77 | < 74 | 74 | < 73 | 73 | < 73 | 73 | | | | |
| Bis(2-chloroisopropyl)ether | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Bis(2-ethylhexyl)phthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Carbazole | ug/Kg | | | | < 190 | 190 | < 180 | 180 | 1,500 | 190 | 870 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| Chrysene | ug/Kg | 1,000 | 3,900 | 1,000 | < 260 | 260 | 360 | 250 | 6,000 | 270 | 3,600 | 260 | 190 | 250 | 130 | 260 | | | | |
| Dibenz(a,h)anthracene | ug/Kg | 1,000,000 | 330 | 330 | < 190 | 190 | < 180 | 180 | 1,000 | 190 | 730 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| Dibenzofuran | ug/Kg | 210,000 | 59,000 | 7,000 | < 260 | 260 | < 250 | 250 | 760 | 270 | 370 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Diethyl phthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Dimethylphthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Di-n-butylphthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Di-n-octylphthalate | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Fluoranthene | ug/Kg | 1,000,000 | 100,000 | 100,000 | < 260 | 260 | 740 | 250 | 17,000 | 2,700 | 6,900 | 260 | 230 | 250 | 170 | 260 | | | | |
| Fluorene | ug/Kg | 386,000 | 100,000 | 30,000 | < 260 | 260 | < 250 | 250 | 1,300 | 270 | 740 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Hexachlorobenzene | ug/Kg | 3,200 | 1,200 | 330 | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| Hexachlorobutadiene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Hexachlorocyclopentadiene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Hexachloroethane | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| Indeno(1,2,3-cd)pyrene | ug/Kg | 8,200 | 500 | 500 | < 260 | 260 | 200 | 250 | 3,200 | 270 | 2,600 | 260 | 240 | 250 | < 260 | 260 | | | | |
| Isophorone | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| Naphthalene | ug/Kg | 12,000 | 100,000 | 12,000 | < 260 | 260 | < 250 | 250 | 610 | 270 | 380 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Nitrobenzene | ug/Kg | | | | < 190 | 190 | < 180 | 180 | < 190 | 190 | < 190 | 190 | < 180 | 180 | < 180 | 180 | | | | |
| N-Nitrosodimethylamine | ug/Kg | | | | < 76 | 76 | < 73 | 73 | < 77 | 77 | < 74 | 74 | < 73 | 73 | < 73 | 73 | | | | |
| N-Nitrosodi-n-propylamine | ug/Kg | | | | < 76 | 76 | < 73 | 73 | < 77 | 77 | < 74 | 74 | < 73 | 73 | < 73 | 73 | | | | |
| N-Nitrosodiphenylamine | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Pentachloronitrobenzene | ug/Kg | | | | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Pentachlorophenol | ug/Kg | 800 | 6,700 | 800 | < 230 | 230 | < 220 | 220 | < 230 | 230 | < 220 | 220 | < 220 | 220 | < 220 | 220 | | | | |
| Phenanthrene | ug/Kg | 1,000,000 | 100,000 | 100,000 | < 260 | 260 | 280 | 250 | 16,000 | 2,700 | 3,100 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Phenol | ug/Kg | 330 | 100,000 | 330 | < 260 | 260 | < 250 | 250 | < 270 | 270 | < 260 | 260 | < 250 | 250 | < 260 | 260 | | | | |
| Pyrene | ug/Kg | 1,000,000 | 100,000 | 100,000 | < 260 | 260 | 680 | 250 | 14,000 | 2,700 | 7,000 | 260 | 220 | 250 | 180 | 260 | | | | |
| Pyridine | ug/Kg | | | | < 220 | 220 | < 220 | 220 | < 220 | 220 | < 220 | 220 | < 220 | 220 | < 220 | 220 | | | | |

Table 2.2
RI Soil Analytical Results
EBC - August, 2020

| Lab Sample Id | | | | | CG48033 | | CG48034 | | CG48035 | | CG48036 | | CG48037 | | CG48038 | | CG48039 | | CG48040 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collection Date | | | | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | | 8/4/2020 | |
| Client Id | | | | | 316B1 FILL | | 316B2 FILL | | 316B3 FILL | | 316B4 FILL | | 316B5 FILL | | 316B6 FILL | | TRIP BLANK HL | | TRIP BLANK LI | |
| Matrix | | | | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Project Id : 8 WESTCHESTER AVE, NEW R | Units | GWP | RRSCO | USCO | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL | Result | RL |
| **Pesticides - Soil By SW8081B** | | | | | | | | | | | | | | | | | | | | |
| 4,4' -DDD | ug/Kg | 14,000 | 13,000 | 3.3 | < 2.3 | 2.3 | < 2.2 | 2.2 | < 2.3 | 2.3 | < 2.2 | 2.2 | < 2.2 | 2.2 | < 2.1 | 2.1 | | | | |
| 4,4' -DDE | ug/Kg | 17,000 | 8,900 | 3.3 | < 2.3 | 2.3 | < 2.3 | 2.3 | < 2.3 | 2.3 | < 2.8 | 2.8 | < 2.2 | 2.2 | < 2.1 | 2.1 | | | | |
| 4,4' -DDT | ug/Kg | 136,000 | 7,900 | 3.3 | < 2.3 | 2.3 | < 2.2 | 2.2 | < 2.3 | 2.3 | < 2.2 | 2.2 | < 2.2 | 2.2 | < 2.1 | 2.1 | | | | |
| a-BHC | ug/Kg | 20 | 480 | 20 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| a-Chlordane | ug/Kg | 2,900 | 4,200 | 94 | < 3.8 | 3.8 | < 3.6 | 3.6 | < 3.8 | 3.8 | < 3.7 | 3.7 | < 3.7 | 3.7 | < 3.6 | 3.6 | | | | |
| Aldrin | ug/Kg | 190 | 97 | 5 | < 3.8 | 3.8 | < 3.6 | 3.6 | < 3.8 | 3.8 | < 3.7 | 3.7 | < 3.7 | 3.7 | < 3.6 | 3.6 | | | | |
| b-BHC | ug/Kg | 90 | 360 | 36 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Chlordane | ug/Kg | | | | < 38 | 38 | < 36 | 36 | < 38 | 38 | < 37 | 37 | < 37 | 37 | < 36 | 36 | | | | |
| d-BHC | ug/Kg | 250 | 100,000 | 40 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 38 | 38 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Dieldrin | ug/Kg | 100 | 200 | 5 | < 3.8 | 3.8 | < 3.6 | 3.6 | < 3.8 | 3.8 | < 3.7 | 3.7 | < 3.7 | 3.7 | < 3.6 | 3.6 | | | | |
| Endosulfan I | ug/Kg | 102,000 | 24,000 | 2,400 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Endosulfan II | ug/Kg | 102,000 | 24,000 | 2,400 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Endosulfan sulfate | ug/Kg | 1,000,000 | 24,000 | 2,400 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Endrin | ug/Kg | 60 | 11,000 | 14 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Endrin aldehyde | ug/Kg | | | | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Endrin ketone | ug/Kg | | | | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| g-BHC | ug/Kg | 100 | 1,300 | 100 | < 1.5 | 1.5 | < 1.4 | 1.4 | < 1.5 | 1.5 | < 1.5 | 1.5 | < 1.5 | 1.5 | < 1.4 | 1.4 | | | | |
| g-Chlordane | ug/Kg | | | | < 3.8 | 3.8 | < 3.6 | 3.6 | < 3.8 | 3.8 | < 3.7 | 3.7 | < 3.7 | 3.7 | < 3.6 | 3.6 | | | | |
| Heptachlor | ug/Kg | 380 | 2,100 | 42 | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Heptachlor epoxide | ug/Kg | | | | < 7.7 | 7.7 | < 7.2 | 7.2 | < 7.6 | 7.6 | < 7.4 | 7.4 | < 7.3 | 7.3 | < 7.2 | 7.2 | | | | |
| Methoxychlor | ug/Kg | | | | < 38 | 38 | < 36 | 36 | < 38 | 38 | < 37 | 37 | < 37 | 37 | < 36 | 36 | | | | |
| Toxaphene | ug/Kg | | | | < 150 | 150 | < 140 | 140 | < 150 | 150 | < 150 | 150 | < 150 | 150 | < 140 | 140 | | | | |
| **Additional Semi-Volatile Compounds By SW8270D** | | | | | | | | | | | | | | | | | | | | |
| 1,1-Biphenyl | ug/Kg | | | | | | | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/Kg | | | | | | | | | | | | | | | | | | | |
| Atrazine | ug/Kg | | | | | | | | | | | | | | | | | | | |
| Benzaldehyde | ug/Kg | | | | | | | | | | | | | | | | | | | |
| Benzo(a)pyrene | ug/Kg | 22,000 | 1,000 | 1,000 | | | | | | | | | | | | | | | | |
| Caprolactam | ug/Kg | | | | | | | | | | | | | | | | | | | |
| **1,4-dioxane By SW8260C** | | | | | | | | | | | | | | | | | | | | |
| 1,4-dioxane | ug/kg | 100 | 13,000 | 100 | < 55 | 55 | < 51 | 51 | < 74 | 74 | < 2100 | 2,100 | < 72 | 72 | < 47 | 47 | < 3800 | 3,800 | < 75 | 75 |

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

Table 3
RI Groundwater Analytical Results
SESI - September October, 2020

| LOCATION | | | GW-1 | | GW-2 | | TRIP BLANK | | FIELD BLANK | |
|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 9/24/2020 | | 9/24/2020 | | 10/22/2020 | | 10/23/2020 | |
| LAB SAMPLE ID | | | L2040743-05 | | L2040743-06 | | L2045982-02 | | L2046340-05 | |
| SAMPLE TYPE | | | WATER | | WATER | | Trip Blank | | Field Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **1,4 Dioxane by 8270D-SIM** | | | | | | | | | | |
| 1,4-Dioxane | | ug/l | - | - | - | - | - | - | 0.144 | U |
| **General Chemistry** | | | | | | | | | | |
| Cyanide, Total | 200 | ug/l | 5 | U | 5 | | - | - | 5 | U |
| **Organochlorine Pesticides by GC** | | | | | | | | | | |
| 4,4'-DDD | 0.3 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| 4,4'-DDE | 0.2 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| 4,4'-DDT | 0.2 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Aldrin | 0 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Alpha-BHC | 0.01 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Beta-BHC | 0.04 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Chlordane | 0.05 | ug/l | 0.143 | U | 0.143 | U | - | - | 0.143 | U |
| cis-Chlordane | | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Delta-BHC | 0.04 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Dieldrin | 0.004 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Endosulfan I | | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Endosulfan II | | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Endosulfan sulfate | | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Endrin | 0 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Endrin aldehyde | 5 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Endrin ketone | 5 | ug/l | 0.029 | U | 0.029 | U | - | - | 0.029 | U |
| Heptachlor | 0.04 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Heptachlor epoxide | 0.03 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Lindane | 0.05 | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| Methoxychlor | 35 | ug/l | 0.143 | U | 0.143 | U | - | - | 0.143 | U |
| Toxaphene | 0.06 | ug/l | 0.143 | U | 0.143 | U | - | - | 0.143 | U |
| trans-Chlordane | | ug/l | 0.014 | U | 0.014 | U | - | - | 0.014 | U |
| **Perfluorinated Alkyl Acids by Isotope Dilution** | | | | | | | | | | |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorobutanesulfonic Acid (PFBS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorobutanoic Acid (PFBA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorodecanesulfonic Acid (PFDS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorodecanoic Acid (PFDA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorododecanoic Acid (PFDoA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluoroheptanesulfonic Acid (PFHpS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluoroheptanoic Acid (PFHpA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorohexanesulfonic Acid (PFHxS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorohexanoic Acid (PFHxA) | | ug/l | - | - | - | - | - | - | 0.000326 | J |
| Perfluorononanoic Acid (PFNA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorooctanesulfonamide (FOSA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorooctanesulfonic Acid (PFOS) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorooctanoic Acid (PFOA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluoropentanoic Acid (PFPeA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorotetradecanoic Acid (PFTA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluorotridecanoic Acid (PFTrDA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| Perfluoroundecanoic Acid (PFUnA) | | ug/l | - | - | - | - | - | - | 0.00196 | U |
| PFOA/PFOS, Total | | ug/l | - | - | - | - | - | - | 0.00196 | U |

Table 3
RI Groundwater Analytical Results
SESI - September October, 2020

| LOCATION | | | GW-1 | | GW-2 | | TRIP BLANK | | FIELD BLANK | |
|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 9/24/2020 | | 9/24/2020 | | 10/22/2020 | | 10/23/2020 | |
| LAB SAMPLE ID | | | L2040743-05 | | L2040743-06 | | L2045982-02 | | L2046340-05 | |
| SAMPLE TYPE | | | WATER | | WATER | | Trip Blank | | Field Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Polychlorinated Biphenyls by GC** | | | | | | | | | | |
| Aroclor 1016 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1221 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1232 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1242 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1248 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1254 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1260 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1262 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| Aroclor 1268 | 0.09 | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| PCBs, Total | | ug/l | 0.083 | U | 0.083 | U | - | - | 0.083 | U |
| **Semivolatile Organics by GC/MS** | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 5 | ug/l | 10 | U | 10 | U | - | - | 10 | U |
| 1,2,4-Trichlorobenzene | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 1,2-Dichlorobenzene | 3 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 1,3-Dichlorobenzene | 3 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 1,4-Dichlorobenzene | 3 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 2,4,5-Trichlorophenol | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2,4,6-Trichlorophenol | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2,4-Dichlorophenol | 1 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2,4-Dimethylphenol | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2,4-Dinitrophenol | 10 | ug/l | 20 | U | 20 | U | - | - | 20 | U |
| 2,4-Dinitrotoluene | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2,6-Dinitrotoluene | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2-Chlorophenol | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 2-Methylphenol | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2-Nitroaniline | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 2-Nitrophenol | | ug/l | 10 | U | 10 | U | - | - | 10 | U |
| 3,3'-Dichlorobenzidine | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 3-Methylphenol/4-Methylphenol | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 3-Nitroaniline | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 4,6-Dinitro-o-cresol | | ug/l | 10 | U | 10 | U | - | - | 10 | U |
| 4-Bromophenyl phenyl ether | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 4-Chloroaniline | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 4-Chlorophenyl phenyl ether | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| 4-Nitroaniline | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| 4-Nitrophenol | | ug/l | 10 | U | 10 | U | - | - | 10 | U |
| Acetophenone | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Benzoic Acid | | ug/l | 50 | U | 50 | U | - | - | 50 | U |
| Benzyl Alcohol | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Biphenyl | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Bis(2-chloroethoxy)methane | 5 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Bis(2-chloroethyl)ether | 1 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Bis(2-chloroisopropyl)ether | 5 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Bis(2-ethylhexyl)phthalate | 5 | ug/l | 3 | U | 3 | U | - | - | 1.5 | J |
| Butyl benzyl phthalate | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Carbazole | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Di-n-butylphthalate | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Di-n-octylphthalate | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Dibenzofuran | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Diethyl phthalate | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Dimethyl phthalate | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| Hexachlorocyclopentadiene | 5 | ug/l | 20 | U | 20 | U | - | - | 20 | U |
| Isophorone | 50 | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| n-Nitrosodi-n-propylamine | | ug/l | 5 | U | 5 | U | - | - | 5 | U |
| NDPA/DPA | 50 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Nitrobenzene | 0.4 | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| p-Chloro-m-cresol | | ug/l | 2 | U | 2 | U | - | - | 2 | U |
| Phenol | 1 | ug/l | 5 | U | 5 | U | - | - | 5 | U |

Table 3
RI Groundwater Analytical Results
SESI - September October, 2020

| LOCATION | | | GW-1 | | GW-2 | | TRIP BLANK | | FIELD BLANK | |
|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 9/24/2020 | | 9/24/2020 | | 10/22/2020 | | 10/23/2020 | |
| LAB SAMPLE ID | | | L2040743-05 | | L2040743-06 | | L2045982-02 | | L2046340-05 | |
| SAMPLE TYPE | | | WATER | | WATER | | Trip Blank | | Field Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Semivolatile Organics by GC/MS-SIM** | | | | | | | | | | |
| 2-Chloronaphthalene | 10 | ug/l | 0.2 | U | 0.2 | U | - | - | 0.2 | U |
| 2-Methylnaphthalene | | ug/l | 0.1 | U | 0.03 | J | - | - | 0.1 | U |
| Acenaphthene | 20 | ug/l | 0.1 | U | 0.1 | U | - | - | 0.1 | U |
| Acenaphthylene | | ug/l | 0.1 | U | 0.1 | U | - | - | 0.1 | U |
| Anthracene | 50 | ug/l | 0.1 | U | 0.06 | J | - | - | 0.1 | U |
| Benzo(a)anthracene | 0.002 | ug/l | 0.1 | U | 0.3 | | - | - | 0.1 | U |
| Benzo(a)pyrene | 0 | ug/l | 0.1 | U | 0.29 | | - | - | 0.1 | U |
| Benzo(b)fluoranthene | 0.002 | ug/l | 0.1 | U | 0.38 | | - | - | 0.1 | U |
| Benzo(ghi)perylene | | ug/l | 0.1 | U | 0.18 | | - | - | 0.1 | U |
| Benzo(k)fluoranthene | 0.002 | ug/l | 0.1 | U | 0.16 | | - | - | 0.1 | U |
| Chrysene | 0.002 | ug/l | 0.1 | U | 0.29 | | - | - | 0.1 | U |
| Dibenzo(a,h)anthracene | | ug/l | 0.1 | U | 0.04 | J | - | - | 0.1 | U |
| Fluoranthene | 50 | ug/l | 0.02 | J | 0.6 | | - | - | 0.1 | U |
| Fluorene | 50 | ug/l | 0.1 | U | 0.1 | U | - | - | 0.1 | U |
| Hexachlorobenzene | 0.04 | ug/l | 0.8 | U | 0.8 | U | - | - | 0.8 | U |
| Hexachlorobutadiene | 0.5 | ug/l | 0.5 | U | 0.5 | U | - | - | 0.5 | U |
| Hexachloroethane | 5 | ug/l | 0.8 | U | 0.8 | U | - | - | 0.8 | U |
| Indeno(1,2,3-cd)pyrene | 0.002 | ug/l | 0.1 | U | 0.21 | | - | - | 0.1 | U |
| Naphthalene | 10 | ug/l | 0.1 | U | 0.1 | U | - | - | 0.1 | U |
| Pentachlorophenol | 1 | ug/l | 0.8 | U | 0.8 | U | - | - | 0.8 | U |
| Phenanthrene | 50 | ug/l | 0.04 | J | 0.08 | J | - | - | 0.1 | U |
| Pyrene | 50 | ug/l | 0.02 | J | 0.6 | | - | - | 0.1 | U |
| **Total Metals** | | | | | | | | | | |
| Aluminum, Total | | ug/l | 991 | | 65300 | | - | - | 5.82 | J |
| Antimony, Total | 3 | ug/l | 4 | U | 4 | U | - | - | 4 | U |
| Arsenic, Total | 25 | ug/l | 0.25 | J | 3.9 | | - | - | 0.5 | U |
| Barium, Total | 1000 | ug/l | 86.26 | | 1159 | | - | - | 0.5 | U |
| Beryllium, Total | 3 | ug/l | 0.5 | U | 3.62 | | - | - | 0.5 | U |
| Cadmium, Total | 5 | ug/l | 0.09 | J | 0.99 | | - | - | 0.2 | U |
| Calcium, Total | | ug/l | 79800 | | 29200 | | - | - | 100 | U |
| Chromium, Total | 50 | ug/l | 3.07 | | 190.2 | | - | - | 0.56 | J |
| Cobalt, Total | | ug/l | 0.87 | | 83.33 | | - | - | 0.5 | U |
| Copper, Total | 200 | ug/l | 2.15 | | 619.1 | | - | - | 1 | U |
| Iron, Total | 300 | ug/l | 1710 | | 137000 | | - | - | 50 | U |
| Lead, Total | 25 | ug/l | 3.15 | | 388.9 | | - | - | 1 | U |
| Magnesium, Total | 35000 | ug/l | 26000 | | 36900 | | - | - | 70 | U |
| Manganese, Total | 300 | ug/l | 720.8 | | 4312 | | - | - | 1 | U |
| Mercury, Total | 0.7 | ug/l | 0.2 | U | 0.37 | | - | - | 0.2 | U |
| Nickel, Total | 100 | ug/l | 2.51 | | 153.6 | | - | - | 2.65 | |
| Potassium, Total | | ug/l | 7780 | | 39900 | | - | - | 100 | U |
| Selenium, Total | 10 | ug/l | 5 | U | 2.1 | J | - | - | 5 | U |
| Silver, Total | 50 | ug/l | 0.4 | U | 0.25 | J | - | - | 0.4 | U |
| Sodium, Total | 20000 | ug/l | 140000 | | 9080 | | - | - | 108 | |
| Thallium, Total | 0.5 | ug/l | 1.5 | U | 1.74 | | - | - | 0.5 | U |
| Vanadium, Total | | ug/l | 2.19 | J | 126.7 | | - | - | 5 | U |
| Zinc, Total | 2000 | ug/l | 4.85 | J | 405.8 | | - | - | 10 | U |

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SESI - September October, 2020

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|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 9/24/2020 | | 9/24/2020 | | 10/22/2020 | | 10/23/2020 | |
| LAB SAMPLE ID | | | L2040743-05 | | L2040743-06 | | L2045982-02 | | L2046340-05 | |
| SAMPLE TYPE | | | WATER | | WATER | | Trip Blank | | Field Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Volatile Organics by GC/MS** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1,1-Trichloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1,2,2-Tetrachloroethane | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.5 | U | 1.5 | U | 1.5 | U | 1.5 | U |
| 1,1-Dichloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1-Dichloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,1-Dichloropropene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,3-Trichlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,3-Trichloropropane | 0.04 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,4,5-Tetramethylbenzene | 5 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| 1,2,4-Trichlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,4-Trimethylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dibromo-3-chloropropane | 0.04 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dibromoethane | 0.0006 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| 1,2-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dichloroethane | 0.6 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,2-Dichloroethene, Total | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dichloropropane | 1 | ug/l | 1 | U | 1 | U | 1 | U | 1 | U |
| 1,3,5-Trimethylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichloropropane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichloropropene, Total | | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,4-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,4-Dioxane | | ug/l | 250 | U | 250 | U | 250 | U | 250 | U |
| 2,2-Dichloropropane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 2-Butanone | 50 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| 2-Hexanone | 50 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| 4-Methyl-2-pentanone | | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Acetone | 50 | ug/l | 5 | U | 5 | U | 2.8 | J | 5 | U |
| Acrylonitrile | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Benzene | 1 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Bromobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Bromochloromethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Bromodichloromethane | 50 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Bromoform | 50 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| Bromomethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Carbon disulfide | 60 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Carbon tetrachloride | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Chlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloroform | 7 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloromethane | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| cis-1,2-Dichloroethene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| cis-1,3-Dichloropropene | 0.4 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Dibromochloromethane | 50 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Dibromomethane | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Dichlorodifluoromethane | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Ethyl ether | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Ethylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Hexachlorobutadiene | 0.5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Isopropylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Methyl tert butyl ether | 10 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Methylene chloride | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| n-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| n-Propylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Naphthalene | 10 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| o-Chlorotoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| o-Xylene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p-Chlorotoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p-Diethylbenzene | | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| p-Ethyltoluene | | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| p-Isopropyltoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p/m-Xylene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| sec-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Styrene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| tert-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Tetrachloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Toluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| trans-1,2-Dichloroethene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| trans-1,3-Dichloropropene | 0.4 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| trans-1,4-Dichloro-2-butene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Trichloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Trichlorofluoromethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Vinyl acetate | | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Vinyl chloride | 2 | ug/l | 1 | U | 1 | U | 1 | U | 1 | U |
| Xylenes, Total | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Table 3
RI Groundwater Analytical Results
SESI - September October, 2020

| LOCATION | | | TRIP BLANK | | MW-2D | | FIELD BLANK | | TRIP BLANK | |
|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 10/21/2020 | | 10/27/2020 | | 10/27/2020 | | 10/27/2020 | |
| LAB SAMPLE ID | | | L2046340-06 | | L2046754-02 | | L2046754-03 | | L2046754-04 | |
| SAMPLE TYPE | | | Trip Blank | | WATER | | Field Blank | | Trip Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **1,4 Dioxane by 8270D-SIM** | | | | | | | | | | |
| 1,4-Dioxane | | ug/l | - | - | 0.144 | U | 0.15 | U | - | - |
| **General Chemistry** | | | | | | | | | | |
| Cyanide, Total | 200 | ug/l | - | - | 5 | U | 5 | U | - | - |
| **Organochlorine Pesticides by GC** | | | | | | | | | | |
| 4,4'-DDD | 0.3 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| 4,4'-DDE | 0.2 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| 4,4'-DDT | 0.2 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Aldrin | 0 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Alpha-BHC | 0.01 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Beta-BHC | 0.04 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Chlordane | 0.05 | ug/l | - | - | 0.143 | U | 0.143 | U | - | - |
| cis-Chlordane | | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Delta-BHC | 0.04 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Dieldrin | 0.004 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Endosulfan I | | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Endosulfan II | | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Endosulfan sulfate | | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Endrin | 0 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Endrin aldehyde | 5 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Endrin ketone | 5 | ug/l | - | - | 0.029 | U | 0.029 | U | - | - |
| Heptachlor | 0.04 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Heptachlor epoxide | 0.03 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Lindane | 0.05 | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| Methoxychlor | 35 | ug/l | - | - | 0.143 | U | 0.143 | U | - | - |
| Toxaphene | 0.06 | ug/l | - | - | 0.143 | U | 0.143 | U | - | - |
| trans-Chlordane | | ug/l | - | - | 0.014 | U | 0.014 | U | - | - |
| **Perfluorinated Alkyl Acids by Isotope Dilution** | | | | | | | | | | |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluorobutanesulfonic Acid (PFBS) | | ug/l | - | - | 0.000844 | J | 0.00178 | U | - | - |
| Perfluorobutanoic Acid (PFBA) | | ug/l | - | - | 0.00202 | | 0.00178 | U | - | - |
| Perfluorodecanesulfonic Acid (PFDS) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluorodecanoic Acid (PFDA) | | ug/l | - | - | 0.00146 | J | 0.00178 | U | - | - |
| Perfluorododecanoic Acid (PFDoA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluoroheptanesulfonic Acid (PFHpS) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluoroheptanoic Acid (PFHpA) | | ug/l | - | - | 0.00151 | J | 0.00178 | U | - | - |
| Perfluorohexanesulfonic Acid (PFHxS) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluorohexanoic Acid (PFHxA) | | ug/l | - | - | 0.00223 | | 0.000389 | J | - | - |
| Perfluorononanoic Acid (PFNA) | | ug/l | - | - | 0.00153 | J | 0.00178 | U | - | - |
| Perfluorooctanesulfonamide (FOSA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluorooctanesulfonic Acid (PFOS) | | ug/l | - | - | 0.0042 | | 0.00178 | U | - | - |
| Perfluorooctanoic Acid (PFOA) | | ug/l | - | - | 0.00381 | | 0.00178 | U | - | - |
| Perfluoropentanoic Acid (PFPeA) | | ug/l | - | - | 0.00274 | | 0.00178 | U | - | - |
| Perfluorotetradecanoic Acid (PFTA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluorotridecanoic Acid (PFTrDA) | | ug/l | - | - | 0.00194 | U | 0.00178 | U | - | - |
| Perfluoroundecanoic Acid (PFUnA) | | ug/l | - | - | 0.000506 | J | 0.00178 | U | - | - |
| PFOA/PFOS, Total | | ug/l | - | - | 0.00801 | | 0.00178 | U | - | - |

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|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 10/21/2020 | | 10/27/2020 | | 10/27/2020 | | 10/27/2020 | |
| LAB SAMPLE ID | | | L2046340-06 | | L2046754-02 | | L2046754-03 | | L2046754-04 | |
| SAMPLE TYPE | | | Trip Blank | | WATER | | Field Blank | | Trip Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Polychlorinated Biphenyls by GC** | | | | | | | | | | |
| Aroclor 1016 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1221 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1232 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1242 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1248 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1254 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1260 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1262 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| Aroclor 1268 | 0.09 | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| PCBs, Total | | ug/l | - | - | 0.083 | U | 0.083 | U | - | - |
| **Semivolatile Organics by GC/MS** | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 5 | ug/l | - | - | 10 | U | 10 | U | - | - |
| 1,2,4-Trichlorobenzene | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 1,2-Dichlorobenzene | 3 | ug/l | - | - | 2 | U | 2 | U | - | - |
| 1,3-Dichlorobenzene | 3 | ug/l | - | - | 2 | U | 2 | U | - | - |
| 1,4-Dichlorobenzene | 3 | ug/l | - | - | 2 | U | 2 | U | - | - |
| 2,4,5-Trichlorophenol | | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2,4,6-Trichlorophenol | | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2,4-Dichlorophenol | 1 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2,4-Dimethylphenol | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2,4-Dinitrophenol | 10 | ug/l | - | - | 20 | U | 20 | U | - | - |
| 2,4-Dinitrotoluene | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2,6-Dinitrotoluene | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2-Chlorophenol | | ug/l | - | - | 2 | U | 2 | U | - | - |
| 2-Methylphenol | | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2-Nitroaniline | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 2-Nitrophenol | | ug/l | - | - | 10 | U | 10 | U | - | - |
| 3,3'-Dichlorobenzidine | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 3-Methylphenol/4-Methylphenol | | ug/l | - | - | 5 | U | 5 | U | - | - |
| 3-Nitroaniline | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 4,6-Dinitro-o-cresol | | ug/l | - | - | 10 | U | 10 | U | - | - |
| 4-Bromophenyl phenyl ether | | ug/l | - | - | 2 | U | 2 | U | - | - |
| 4-Chloroaniline | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 4-Chlorophenyl phenyl ether | | ug/l | - | - | 2 | U | 2 | U | - | - |
| 4-Nitroaniline | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| 4-Nitrophenol | | ug/l | - | - | 10 | U | 10 | U | - | - |
| Acetophenone | | ug/l | - | - | 5 | U | 5 | U | - | - |
| Benzoic Acid | | ug/l | - | - | 50 | U | 50 | U | - | - |
| Benzyl Alcohol | | ug/l | - | - | 2 | U | 2 | U | - | - |
| Biphenyl | | ug/l | - | - | 2 | U | 2 | U | - | - |
| Bis(2-chloroethoxy)methane | 5 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Bis(2-chloroethyl)ether | 1 | ug/l | - | - | 2 | U | 2 | U | - | - |
| Bis(2-chloroisopropyl)ether | 5 | ug/l | - | - | 2 | U | 2 | U | - | - |
| Bis(2-ethylhexyl)phthalate | 5 | ug/l | - | - | 3 | U | 3 | U | - | - |
| Butyl benzyl phthalate | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Carbazole | | ug/l | - | - | 2 | U | 2 | U | - | - |
| Di-n-butylphthalate | 50 | ug/l | - | - | 5 | U | 0.44 | J | - | - |
| Di-n-octylphthalate | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Dibenzofuran | | ug/l | - | - | 2 | U | 2 | U | - | - |
| Diethyl phthalate | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Dimethyl phthalate | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Hexachlorocyclopentadiene | 5 | ug/l | - | - | 20 | U | 20 | U | - | - |
| Isophorone | 50 | ug/l | - | - | 5 | U | 5 | U | - | - |
| n-Nitrosodi-n-propylamine | | ug/l | - | - | 5 | U | 5 | U | - | - |
| NDPA/DPA | 50 | ug/l | - | - | 2 | U | 2 | U | - | - |
| Nitrobenzene | 0.4 | ug/l | - | - | 2 | U | 2 | U | - | - |
| p-Chloro-m-cresol | | ug/l | - | - | 2 | U | 2 | U | - | - |
| Phenol | 1 | ug/l | - | - | 5 | U | 5 | U | - | - |

Table 3
RI Groundwater Analytical Results
SESI - September October, 2020

| LOCATION | | | TRIP BLANK | | MW-2D | | FIELD BLANK | | TRIP BLANK | |
|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | 10/21/2020 | | 10/27/2020 | | 10/27/2020 | | 10/27/2020 | |
| LAB SAMPLE ID | | | L2046340-06 | | L2046754-02 | | L2046754-03 | | L2046754-04 | |
| SAMPLE TYPE | | | Trip Blank | | WATER | | Field Blank | | Trip Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Semivolatile Organics by GC/MS-SIM** | | | | | | | | | | |
| 2-Chloronaphthalene | 10 | ug/l | - | - | 0.2 | U | 0.2 | U | - | - |
| 2-Methylnaphthalene | | ug/l | - | - | 0.2 | | 0.1 | U | - | - |
| Acenaphthene | 20 | ug/l | - | - | 0.06 | J | 0.1 | U | - | - |
| Acenaphthylene | | ug/l | - | - | 0.01 | J | 0.1 | U | - | - |
| Anthracene | 50 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Benzo(a)anthracene | 0.002 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Benzo(a)pyrene | 0 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Benzo(b)fluoranthene | 0.002 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Benzo(ghi)perylene | | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Benzo(k)fluoranthene | 0.002 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Chrysene | 0.002 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Dibenzo(a,h)anthracene | | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Fluoranthene | 50 | ug/l | - | - | 0.02 | J | 0.1 | U | - | - |
| Fluorene | 50 | ug/l | - | - | 0.28 | | 0.1 | U | - | - |
| Hexachlorobenzene | 0.04 | ug/l | - | - | 0.8 | U | 0.8 | U | - | - |
| Hexachlorobutadiene | 0.5 | ug/l | - | - | 0.5 | U | 0.5 | U | - | - |
| Hexachloroethane | 5 | ug/l | - | - | 0.8 | U | 0.8 | U | - | - |
| Indeno(1,2,3-cd)pyrene | 0.002 | ug/l | - | - | 0.1 | U | 0.1 | U | - | - |
| Naphthalene | 10 | ug/l | - | - | 0.34 | | 0.1 | U | - | - |
| Pentachlorophenol | 1 | ug/l | - | - | 0.8 | U | 0.8 | U | - | - |
| Phenanthrene | 50 | ug/l | - | - | 0.06 | J | 0.1 | U | - | - |
| Pyrene | 50 | ug/l | - | - | 0.08 | J | 0.1 | U | - | - |
| **Total Metals** | | | | | | | | | | |
| Aluminum, Total | | ug/l | - | - | 3420 | | 36.3 | | - | - |
| Antimony, Total | 3 | ug/l | - | - | 4 | U | 4 | U | - | - |
| Arsenic, Total | 25 | ug/l | - | - | 0.63 | | 0.5 | U | - | - |
| Barium, Total | 1000 | ug/l | - | - | 45.62 | | 0.31 | J | - | - |
| Beryllium, Total | 3 | ug/l | - | - | 0.11 | J | 0.5 | U | - | - |
| Cadmium, Total | 5 | ug/l | - | - | 0.2 | U | 0.2 | U | - | - |
| Calcium, Total | | ug/l | - | - | 9150 | | 94.7 | J | - | - |
| Chromium, Total | 50 | ug/l | - | - | 8.26 | | 0.28 | J | - | - |
| Cobalt, Total | | ug/l | - | - | 3.11 | | 0.5 | U | - | - |
| Copper, Total | 200 | ug/l | - | - | 57.84 | | 1 | U | - | - |
| Iron, Total | 300 | ug/l | - | - | 7300 | | 20.4 | J | - | - |
| Lead, Total | 25 | ug/l | - | - | 1.57 | | 0.53 | J | - | - |
| Magnesium, Total | 35000 | ug/l | - | - | 2770 | | 70 | U | - | - |
| Manganese, Total | 300 | ug/l | - | - | 1012 | | 0.57 | J | - | - |
| Mercury, Total | 0.7 | ug/l | - | - | 0.2 | U | 0.2 | U | - | - |
| Nickel, Total | 100 | ug/l | - | - | 8.99 | | 2 | U | - | - |
| Potassium, Total | | ug/l | - | - | 4360 | | 100 | U | - | - |
| Selenium, Total | 10 | ug/l | - | - | 5 | U | 5 | U | - | - |
| Silver, Total | 50 | ug/l | - | - | 0.4 | U | 0.4 | U | - | - |
| Sodium, Total | 20000 | ug/l | - | - | 10300 | | 245 | | - | - |
| Thallium, Total | 0.5 | ug/l | - | - | 0.16 | J | 0.5 | U | - | - |
| Vanadium, Total | | ug/l | - | - | 7.99 | | 5 | U | - | - |
| Zinc, Total | 2000 | ug/l | - | - | 47.97 | | 10 | U | - | - |

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SESI - September October, 2020

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| SAMPLING DATE | | | 10/21/2020 | | 10/27/2020 | | 10/27/2020 | | 10/27/2020 | |
| LAB SAMPLE ID | | | L2046340-06 | | L2046754-02 | | L2046754-03 | | L2046754-04 | |
| SAMPLE TYPE | | | Trip Blank | | WATER | | Field Blank | | Trip Blank | |
| | AWQS | Units | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Volatile Organics by GC/MS** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1,1-Trichloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1,2,2-Tetrachloroethane | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,1,2-Trichloroethane | 1 | ug/l | 1.5 | U | 1.5 | U | 1.5 | U | 1.5 | U |
| 1,1-Dichloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,1-Dichloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,1-Dichloropropene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,3-Trichlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,3-Trichloropropane | 0.04 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,4,5-Tetramethylbenzene | 5 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| 1,2,4-Trichlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2,4-Trimethylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dibromo-3-chloropropane | 0.04 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dibromoethane | 0.0006 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| 1,2-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dichloroethane | 0.6 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,2-Dichloroethene, Total | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,2-Dichloropropane | 1 | ug/l | 1 | U | 1 | U | 1 | U | 1 | U |
| 1,3,5-Trimethylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichloropropane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichloropropene, Total | | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| 1,4-Dichlorobenzene | 3 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 1,4-Dioxane | | ug/l | 250 | U | 250 | U | 250 | U | 250 | U |
| 2,2-Dichloropropane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| 2-Butanone | 50 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| 2-Hexanone | 50 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| 4-Methyl-2-pentanone | | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Acetone | 50 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Acrylonitrile | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Benzene | 1 | ug/l | 0.5 | U | 2.1 | | 0.5 | U | 0.5 | U |
| Bromobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Bromochloromethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Bromodichloromethane | 50 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Bromoform | 50 | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| Bromomethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Carbon disulfide | 60 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Carbon tetrachloride | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Chlorobenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloroethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloroform | 7 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Chloromethane | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| cis-1,2-Dichloroethene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| cis-1,3-Dichloropropene | 0.4 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Dibromochloromethane | 50 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Dibromomethane | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Dichlorodifluoromethane | 5 | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Ethyl ether | | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Ethylbenzene | 5 | ug/l | 2.5 | U | 1 | J | 2.5 | U | 2.5 | U |
| Hexachlorobutadiene | 0.5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Isopropylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Methyl tert butyl ether | 10 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Methylene chloride | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| n-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| n-Propylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Naphthalene | 10 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| o-Chlorotoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| o-Xylene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p-Chlorotoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p-Diethylbenzene | | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| p-Ethyltoluene | | ug/l | 2 | U | 2 | U | 2 | U | 2 | U |
| p-Isopropyltoluene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| p/m-Xylene | 5 | ug/l | 2.5 | U | 1 | J | 2.5 | U | 2.5 | U |
| sec-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Styrene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| tert-Butylbenzene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Tetrachloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Toluene | 5 | ug/l | 2.5 | U | 1.5 | J | 2.5 | U | 2.5 | U |
| trans-1,2-Dichloroethene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| trans-1,3-Dichloropropene | 0.4 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| trans-1,4-Dichloro-2-butene | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Trichloroethene | 5 | ug/l | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U |
| Trichlorofluoromethane | 5 | ug/l | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| Vinyl acetate | | ug/l | 5 | U | 5 | U | 5 | U | 5 | U |
| Vinyl chloride | 2 | ug/l | 1 | U | 1 | U | 1 | U | 1 | U |
| Xylenes, Total | | ug/l | 2.5 | U | 1 | J | 2.5 | U | 2.5 | U |

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to crite

Qualifier Key
NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

I - The lower value for the two columns has been reported due to obvious interference.
G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
RE - Analytical results are from sample re-extraction.
R - Analytical results are from sample re-analysis.
D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Not detected at the reported detection limit for the sample.
M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
S - Analytical results are from modified screening analysis.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Table 4
RI Soil Vapor Analytical Results
SESI - September, 2020

| LOCATION | | | | | SV-5 | | SV-6 | |
|---|---|---|---|---|---|---|---|---|
| SAMPLING DATE | | | | | 9/25/2020 | | 9/25/2020 | |
| LAB SAMPLE ID | | | | | L2040791-05 | | L2040791-06 | |
| SAMPLE TYPE | | | | | SOIL_VAPOR | | SOIL_VAPOR | |
| | NY-SSC-A | NY-SSC-B | NY-SSC-C | Units | Results | Qual | Results | Qual |
| Volatile Organics in Air | | | | | | | | |
| 1,1,1-Trichloroethane | | 100 | | ug/m3 | 7.8 | U | 9.11 | U |
| 1,1,2,2-Tetrachloroethane | | | | ug/m3 | 9.82 | U | 11.5 | U |
| 1,1,2-Trichloroethane | | | | ug/m3 | 7.8 | U | 9.11 | U |
| 1,1-Dichloroethane | | | | ug/m3 | 5.79 | U | 6.76 | U |
| 1,1-Dichloroethene | 6 | | | ug/m3 | 5.67 | U | 6.62 | U |
| 1,2,4-Trichlorobenzene | | | | ug/m3 | 10.6 | U | 12.4 | U |
| 1,2,4-Trimethylbenzene | | | | ug/m3 | 375 | | 293 | |
| 1,2-Dibromoethane | | | | ug/m3 | 11 | U | 12.8 | U |
| 1,2-Dichlorobenzene | | | | ug/m3 | 8.6 | U | 10 | U |
| 1,2-Dichloroethane | | | | ug/m3 | 5.79 | U | 6.76 | U |
| 1,2-Dichloropropane | | | | ug/m3 | 6.61 | U | 7.72 | U |
| 1,3,5-Trimethylbenzene | | | | ug/m3 | 109 | | 85.5 | |
| 1,3-Butadiene | | | | ug/m3 | 33.6 | | 48.2 | |
| 1,3-Dichlorobenzene | | | | ug/m3 | 8.6 | U | 10 | U |
| 1,4-Dichlorobenzene | | | | ug/m3 | 8.6 | U | 10 | U |
| 1,4-Dioxane | | | | ug/m3 | 5.15 | U | 6.02 | U |
| 2,2,4-Trimethylpentane | | | | ug/m3 | 250 | | 509 | |
| 2-Butanone | | | | ug/m3 | 12.9 | | 30.1 | |
| 2-Hexanone | | | | ug/m3 | 5.86 | U | 6.84 | U |
| 3-Chloropropene | | | | ug/m3 | 4.48 | U | 5.23 | U |
| 4-Ethyltoluene | | | | ug/m3 | 54.1 | | 34.5 | |
| 4-Methyl-2-pentanone | | | | ug/m3 | 14.6 | U | 17.1 | U |
| Acetone | | | | ug/m3 | 77.7 | | 141 | |
| Benzene | | | | ug/m3 | 160 | | 315 | |
| Benzyl chloride | | | | ug/m3 | 7.4 | U | 8.65 | U |
| Bromodichloromethane | | | | ug/m3 | 9.58 | U | 11.2 | U |
| Bromoform | | | | ug/m3 | 14.8 | U | 17.3 | U |
| Bromomethane | | | | ug/m3 | 5.55 | U | 6.48 | U |
| Carbon disulfide | | | | ug/m3 | 5.01 | | 5.26 | |
| Carbon tetrachloride | 6 | | | ug/m3 | 9 | U | 10.5 | U |
| Chlorobenzene | | | | ug/m3 | 6.59 | U | 7.69 | U |
| Chloroethane | | | | ug/m3 | 3.77 | U | 4.41 | U |
| Chloroform | | | | ug/m3 | 6.98 | U | 8.16 | U |
| Chloromethane | | | | ug/m3 | 3.7 | | 3.45 | U |
| cis-1,2-Dichloroethene | 6 | | | ug/m3 | 5.67 | U | 6.62 | U |
| cis-1,3-Dichloropropene | | | | ug/m3 | 6.49 | U | 7.58 | U |
| Cyclohexane | | | | ug/m3 | 99.5 | | 198 | |
| Dibromochloromethane | | | | ug/m3 | 12.2 | U | 14.2 | U |
| Dichlorodifluoromethane | | | | ug/m3 | 7.07 | U | 8.26 | U |
| Ethanol | | | | ug/m3 | 106 | | 313 | |
| Ethyl Acetate | | | | ug/m3 | 12.9 | U | 15 | U |
| Ethylbenzene | | | | ug/m3 | 202 | | 229 | |
| Freon-113 | | | | ug/m3 | 11 | U | 12.8 | U |
| Freon-114 | | | | ug/m3 | 10 | U | 11.7 | U |
| Heptane | | | | ug/m3 | 336 | | 615 | |
| Hexachlorobutadiene | | | | ug/m3 | 15.3 | U | 17.8 | U |
| Isopropanol | | | | ug/m3 | 13.3 | | 24.4 | |
| Methyl tert butyl ether | | | | ug/m3 | 5.16 | U | 6.02 | U |
| Methylene chloride | | 100 | | ug/m3 | 12.4 | U | 14.5 | U |
| n-Hexane | | | | ug/m3 | 553 | | 1180 | |
| o-Xylene | | | | ug/m3 | 324 | | 361 | |
| p/m-Xylene | | | | ug/m3 | 786 | | 934 | |
| Styrene | | | | ug/m3 | 6.09 | U | 7.11 | U |
| Tertiary butyl Alcohol | | | | ug/m3 | 10.8 | U | 12.6 | U |
| Tetrachloroethene | | 100 | | ug/m3 | 9.83 | | 11.3 | U |
| Tetrahydrofuran | | | | ug/m3 | 243 | | 398 | |
| Toluene | | | | ug/m3 | 1110 | | 1730 | |
| trans-1,2-Dichloroethene | | | | ug/m3 | 5.67 | U | 6.62 | U |
| trans-1,3-Dichloropropene | | | | ug/m3 | 6.49 | U | 7.58 | U |
| Trichloroethene | 6 | | | ug/m3 | 7.69 | U | 8.97 | U |
| Trichlorofluoromethane | | | | ug/m3 | 8.04 | U | 9.38 | U |
| Vinyl bromide | | | | ug/m3 | 6.25 | U | 7.3 | U |
| Vinyl chloride | | | 6 | ug/m3 | 3.66 | U | 4.27 | U |

* Comparison is not performed on parameters with non-numeric criteria.
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vap
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vap
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vap

Qualifier Key
NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

I - The lower value for the two columns has been reported due to obvious interference.
G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
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U - Not detected at the reported detection limit for the sample.
M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
S - Analytical results are from modified screening analysis.

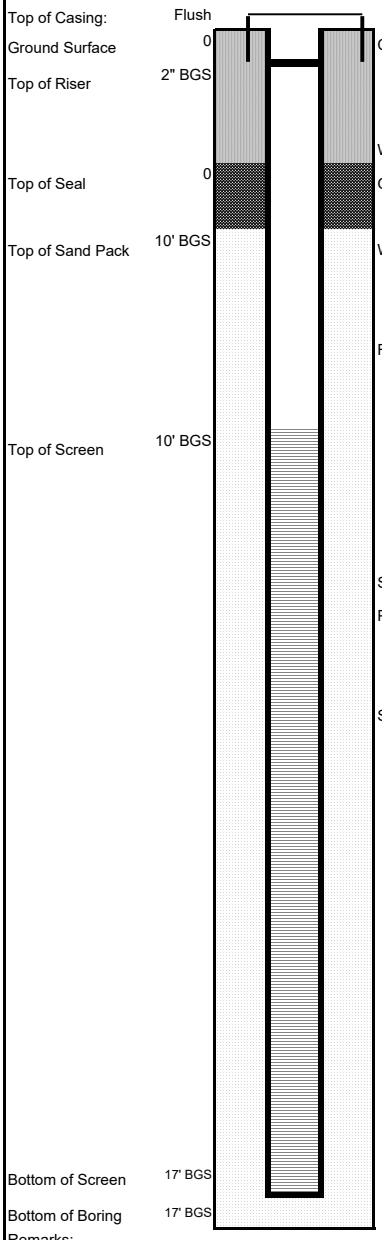
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# APPENDIX D – BORING/MONITORING WELL CONTRUCTION LOGS

| SESI CONSULTING ENGINEERS | PROJECT NAME: | 316 Huguenot Street | MONITORING WELL NO. | MW-2D |
|---|---|---|---|---|
| | PROJECT LOCATION: | New Rochelle, NY | JOB NO. | 11513 |
| | | | GROUND ELEVATION: | |

| | | | | | | |
|---|---|---|---|---|---|---|
| BORING BY: Envirodrilling | DATE STARTED | 10/26/20 | DEVELOPMENT PERIOD | | INSIDE CASING DIAMETER (in) | 1 |
| INSPECTOR: John Norgard | DATE COMPLETED | 10/26/20 | DEVELOPMENT METHOD | Pump | BOREHOLE DIAMETER (in) | 3 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 10/27/20 | DEVELOPMENT RATE | # gpm | INITIAL WATER LEVEL (ft): | 7.63 |

| WELL CONSTRUCTION | DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|---|
| | 0 | | | | | | | | |




Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

SESI CONSULTING ENGINEERS

| | | | |
|---|---|---|---|
| PROJECT NAME: | 316 Huguenot Street | GEOPROBE NO. | **SB-4** |
| LOCATION: | New Rochelle, NY | JOB NO. | 11513 |
| METHOD: | Direct Push | GROUND ELEVATION: | |
| GEOPROBE BY: Envirodrilling | DATE STARTED: | 9/25/2020 | GROUNDWATER TABLE DEPTH: |
| INSPECTOR: John Norgard | DATE COMPLETED: | 9/25/2020 | 0 Hr. / 24 Hr. / Date |

| DEPTH (ft) | RECOVERY (in) | SAMPLE TUBE No. | DEPTH FROM (ft) | DEPTH TO (ft) | ENVIRONMENTAL SOIL SAMPLE NAME | SOIL DESCRIPTION AND STRATIFICATION | PID |
|---|---|---|---|---|---|---|---|
| 0 | | 1 | 1 | | | 4" Concrete, 4" Gravel subbase | 0 |
| | | | | | SB-4 (1-2) | Black coarse to fine SAND, some coarse to fine Gravel, little Silty Clay | 0 |
| | | | | | | | 0 |
| | | | | | | Brown coarse to fine SAND, little Silty Clay, little coarse to fine Gravel | 0 |
| 5 | | | | 5 | | | 0 |
| | | 2 | 6 | 6 | | | 0 |
| | | | | | | Refusal at 6' below ground surface | |
| 10 | | | | | | | |
| | | | | | | | |
| 15 | | | | | | | |
| | | | | | | | |
| 20 | | | | | | | |
| | | | | | | | |
| 25 | | | | | | | |
| | | | | | | | |
| 30 | | | | | | | |
| | | | | | | | |
| 35 | | | | | | | |
| | | | | | | | |
| 40 | | | | | | | |

| | |
|---|---|
| Nominal I.D. of Hole | in. |
| Nominal I.D. of Barrel Sampler | 1⅜ in |
| | |
| | |
| | |
| | |

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

SESI CONSULTING ENGINEERS

| | | | |
|---|---|---|---|
| PROJECT NAME: | 316 Huguenot Street | GEOPROBE NO. | **SB-5** |
| LOCATION: | New Rochelle, NY | JOB NO. | 11513 |
| METHOD: | Direct Push | GROUND ELEVATION: | |
| GEOPROBE BY: Envirodrilling | DATE STARTED: | 10/21/2020 | GROUNDWATER TABLE DEPTH: |
| INSPECTOR: John Norgard | DATE COMPLETED: | 10/21/2020 | 0 Hr. / 24 Hr. / Date |

| DEPTH (ft) | RECOVERY (in) | SAMPLE TUBE No. | DEPTH FROM (ft) | DEPTH TO (ft) | ENVIRONMENTAL SOIL SAMPLE NAME | SOIL DESCRIPTION AND STRATIFICATION | PID |
|---|---|---|---|---|---|---|---|
| 0 | | 1 | 1 | | | 6" asphalt | 0 |
| | | | | | | Dark brown coarse to fine SAND, some medium to fine Gravel, little Silty Clay | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| 5 | | | | 5 | | | 0 |
| | | 2 | 6 | | | 4" band of dark brown/black coarse to fine Sand and coarse to fine Gravel, trace Silty Clay | 0 |
| | | | | | | | 0 |
| | | | | | SB-5 (8) | Brown coarse to fine SAND, little medium to fine Gravel, little Silty Clay | 0 |
| | | | | | | | 0 |
| 10 | | | | 10 | | | 0 |
| | | | 11 | | | 6" band of dark brown/black coarse to fine Sand and coarse to fine Gravel, trace Silty Clay. Mositure at 12' | 0 |
| | | | | | | | 0 |
| | | | | | SB-5 (13) | | 0 |
| | | | | | | Red-brown coarse to fine Sand and coarse to fine Gravel, trace Silty Clay | 0 |
| 15 | | | | 15 | | | 0 |
| | | | | | | Refusal at 15' below ground surface | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |
| 40 | | | | | | | |

| | |
|---|---|
| Nominal I.D. of Hole | in. |
| Nominal I.D. of Barrel Sampler | 1⅜ in |
| | |
| | |
| | |
| | |

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

SESI CONSULTING ENGINEERS

| | | | |
|---|---|---|---|
| PROJECT NAME: | 316 Huguenot Street | GEOPROBE NO. | **SB-6** |
| LOCATION: | New Rochelle, NY | JOB NO. | 11513 |
| METHOD: | Direct Push | GROUND ELEVATION: | |
| GEOPROBE BY: Envirodrilling | DATE STARTED: | 10/21/2020 | GROUNDWATER TABLE DEPTH: |
| INSPECTOR: John Norgard | DATE COMPLETED: | 10/21/2020 | 0 Hr. / 24 Hr. / Date |

| DEPTH (ft) | RECOVERY (in) | SAMPLE TUBE No. | DEPTH FROM (ft) | DEPTH TO (ft) | ENVIRONMENTAL SOIL SAMPLE NAME | SOIL DESCRIPTION AND STRATIFICATION | PID |
|---|---|---|---|---|---|---|---|
| 0 | | 1 | 1 | | | 6" asphalt | 0 |
| | | | | | | Dark brown coarse to fine SAND, some coarse to fine Gravel, little Silty Clay | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| 5 | | | | 5 | | | 0 |
| | | 2 | 6 | | | | 0 |
| | | | | | | | 0 |
| | | | | | SB-6 (8) | Light gray-brown coarse to fine SAND, little medium to fine Gravel, little Silty Clay | 0 |
| | | | | 9 | | | 0 |
| 10 | | | | | | Refusal at 9' below ground surface | |
| | | | | | | | |
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| 15 | | | | | | | |
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| 20 | | | | | | | |
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| 30 | | | | | | | |
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| 35 | | | | | | | |
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| | | | | | | | |
| 40 | | | | | | | |

| | |
|---|---|
| Nominal I.D. of Hole | in. |
| Nominal I.D. of Barrel Sampler | 1⅜ in |
| | |
| | |
| | |
| | |

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

# APPENDIX E – GPR REPORT

Enviro Drilling
AND CONTRACTING, INC.

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Hauppauge, New York 11788
T (631) 462-5866; F (631) 462-5877

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# Field Work Assignment And Ground Penetrating Radar (GPR) Survey Evaluation Report

## Prepared For:

Andrew A. Allen, Project Manager
Ryan Warren, Project Manager
**SESI CONSULTING ENGINEERS**
12A Maple Avenue
Pine Brook, NJ 07058

**Site Location:** 8 Westchester Place, 64 Centre Ave & 316 Huegenot Street, New Rochelle, NY

**SESI Project Number**: 11513 Phase 4.2
**Project No.** ENV203010

Prepared on October 26th, 2020

**By:**



Hanibal Tayeh, Ph.D
Operations Manager

Enviro Drilling
AND CONTRACTING, INC.

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Hauppauge, New York 11788
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# REPORT CONTENT


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# 1.0 EVALUATION REPORT

| | |
|---|---|
| Date | October 26th, 2020 |
| Client | **SESI CONSULTING ENGINEERS-**12A Maple Avenue-Pine Brook, NJ 07058 |
| Contact Name | Ryan Warren |
| Project No. | ENV203010 |
| Site Location | 8 Westchester Place, 64 Centre Ave & 316 Huegenot Street, New Rochelle, NY |

## 1.1 INTRODUCTION

Enviro Drilling and Contracting, Inc. (Enviro Drilling) is a full Environmental/Geotechnical drilling, technological and site monitoring services company, with a staff that consists of qualified drillers, geologists and professional experienced engineers, to provide our clients with technical expertise and quality services. Enviro Drilling performed a Ground Penetrating Radar (GPR) survey and the soil borings development at the above referenced site in accordance with both our standard operating procedures (SOPs).

Note: The purpose of the GPR survey was to identify the presence of any subgrade anomalies and clear boring test locations prior to the excavation of the upper 2 feet of the Site.

## 1.2 DESCRIPTION OF FIELDWORK

- As shown in the GPR inspection analysis form below, the GPR survey was performed on October 21st, 2020 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the typical size of underground drainage structures, the GPR was set to run at 50 scans per foot. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is then graphically displayed on the Control Unit, which are then interpreted by the GPR operator the time of the survey.

- Installation of nine (9) soil borings to an average depth of 12 ft
- Five (5) of those borings will have 1" permanent wells installed
- An additional two (2) shallow bedrock wells to 22 ft and 17 ft.

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## 1.3 GPR RESULTS

No subgrade anomaly was detected during the survey.

## 1.4 EXCLUSIONS

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. Enviro Drilling and Contracting, Inc. does not accept responsibility for survey limitations due to inherent technological limitations or site-specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

## 1.5 REPORT VALIDATION

I, Hanibal C. Tayeh, attest that the data analysis displayed in this report exhibits, to the best of my knowledge, high degree of certainty. A specific instruction in regards of project scope of work and health and safety measures were given to the field tech team prior to mobilization by the operations management. This validation statement is based on specific criteria noted in Enviro Drilling standard operating procedures (SOPs).

Authorized by:



Hanibal C. Tayeh, Ph.D.
Operations Manager
**Enviro Drilling and Contracting, Inc**.

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## 2.0 GPR INSPECTION ANALYSIS FORM

Enviro Drilling has performed a Ground Penetrating Radar (GPR) survey at the below referenced site in accordance with our standard operating procedure (SOP). The purpose of the GPR survey was to identify the presence of any subgrade anomalies prior to the excavation of the upper 2 feet of the Site.

| | | |
|---|---|---|
| **Date:** 10/21/2020 | **Job Number:** ENV203010 | **Project Manager:** Andrew A. Allen |
| **Site Address:** 8 Westchester Place, 64 Centre Ave & 316 Huegenot Street, New Rochelle, NY | | |
| Current Use of Site: N/A | | |
| **Client Information: SESI CONSULTING ENGINEERS**-12A Maple Avenue-Pine Brook, NJ 07058 | | |
| **Client Contact Name:** Ryan Warren | | |
| **Field GPR Professional (s):** Jorge Mario Pineda | | |
| **Start Time:** 01:00 PM | | **End Time:** 2:00 PM |
| **Equipment Used:** GSSI SIR-3000 Control Unit; 400-megahertz shielded antenna | | |
| | | |
| **ENVIRONMENTAL ISSUES:** | | |
| Are there currently any storage tanks (above or underground) located on-site? **UNKNOWN** | | |
| Have there previously been any storage tanks (above or underground) located on-site? **UNKNOWN** | | |
| Are there currently any monitoring wells located on-site**? UNKNOWN** | | |
| Have there previously been any monitoring wells located on-site? **UNKNOWN** | | |
| | | |
| **ANOMALY #1 NON-ENCOUNTERED** | | |
| **Size:** | | |
| **Approximate Location:** | | |
| **Details:** | | |
| *Sketch #1* | | |

Operations Management Authorization:  Date:10/26/2020

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## 3.0 GPR SCAN & PHOTO

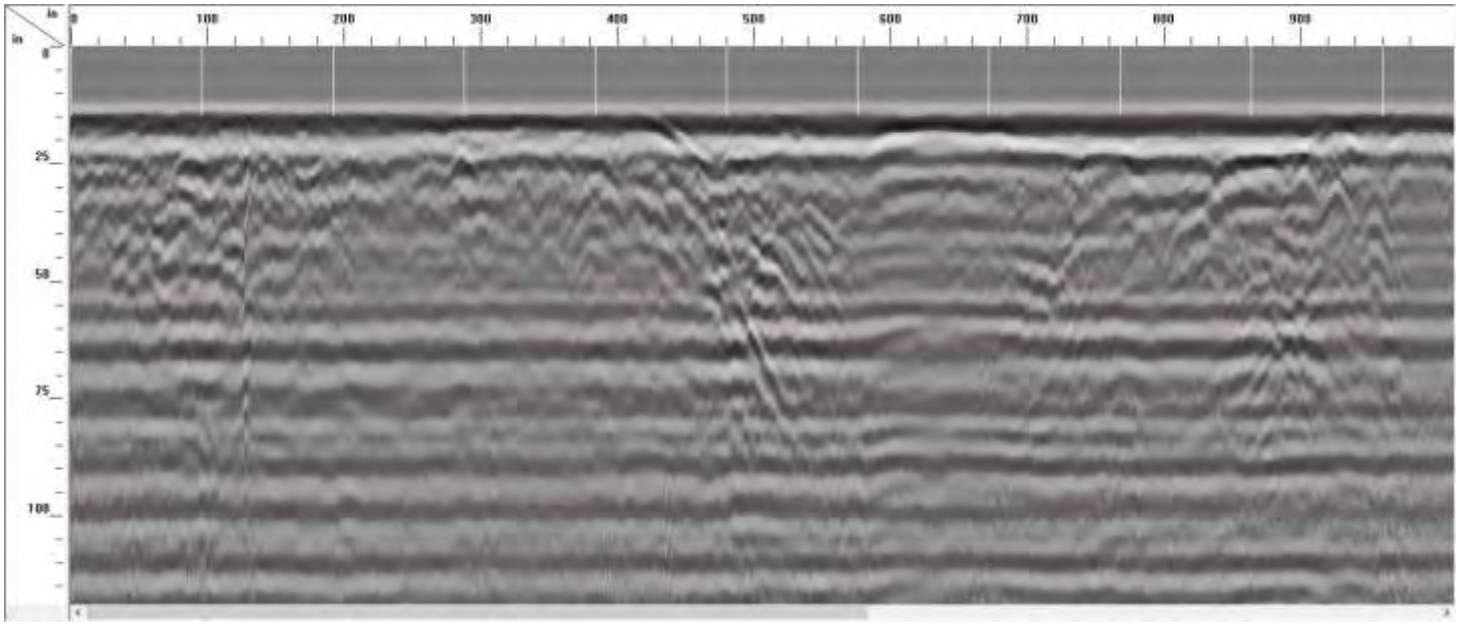



Figure-1

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Image-1

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## 4.0 FIELD WORK ASSIGNMENT FORM

| | | |
|---|---|---|
| **Date:** 10/21 Through 10/26/2020 | **Job Number:** ENV203010 | **Project Manager:** Andrew A. Allen |
| **Site Address:** 8 Westchester Place, 64 Centre Ave & 316 Huegenot Street, New Rochelle, NY | | |
| **Client Information:** SESI CONSULTING ENGINEERS-12A Maple Avenue-Pine Brook, NJ 07058 | | |
| **Client Contact Name:** Ryan Warren | | |

| | | |
|---|---|---|
| **Field Technician (s)** | Jorge Pineda | |
| | Donavan Edwards | |
| **Arrival Time: 08:00AM** | | **Departure Time: 3:00PM** |
| **Vehicle (s) Used** | **Equipment Used** | 4. |
| | 1. Geoprobe 7822DT | 5. |
| UT1 | 2. GPR | 6. |
| | 3. | 7. |

**Scope of Work:**

- Installation of nine (9) soil borings to an average depth of 12 ft
- Five (5) of those borings will have 1" permanent wells installed
- An additional two (2) shallow bedrock wells to 22 ft and 17 ft.

| **Check and Date if Completed** |
|---|
| **GPR** |
| Yes_X__ N/A___ 10/21/2020 |
| **811 Public Markout** |
| Yes_X__ N/A_ 10/17/2020 |
| **Sidewalk** |
| Yes___ N/A_X__ / / |
| **NYCT Tunnel or Highlined within 200ft** |
| Yes___ N/A_X__ / / |

| |
|---|
| **Quality Assurance Issues:** No quality assurance nor quality control issues have been reported. |
| |
| **Was the Decontamination Procedure Followed?** **Yes_X__ No___ N/A___ Field Tech Initial:** JP/DE |
| **Health & Safety Issues: None** |

| |
|---|
| **Field Team Comments: None** |
| |
| **Operations Management Comments:** The project has been conducted in accordance with Enviro Drilling Standard Operating procedure. Thus, initial communication with SESI in response to project logistics planning and preparation, was instrumental to complete our field work. |
| |

Operations Management Authorization:  Date: 10/27/2020

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## 5.0 APPLICATION PHOTOS



Figure – 2a

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Figure - 2b

# Geophysical Investigation Report

*Location:*

**316 Huguenot Street**
**8 Westchester Place**
**64 Centre Avenue**
**New Rochelle, NY**
**(AGInc. Job No. 1919577)**

*Prepared for:*

**SESI Consulting Engineers**
**12A Maple Avenue**
**Pinebrook, NJ 07058**

*Investigated and prepared by:*

**Michael Dias**
**Geophysical SUE Technician**

**American Geophysics, Inc.**
**180 Main Street, #177**
**Butler, NJ 07405**
**833-SCAN GPR/ 833-722-6477**

*Completed on:*

***September 24th, 2020***

## *INTRODUCTION*

American Geophysics, Inc. (AGInc.), is a geophysical survey and investigation services firm which provides Environmental & Engineering Geophysics (EEG) services to the environmental consulting, construction, and engineering communities. Led by over 20 years of field experience, AGInc. takes pride in providing the highest training for our technicians and the use of the most current and state-of -the-art equipment. This winning combination of experience and technology results in the most accurate findings.

## *METHODOLOGY*

Geophysical surveys are typically accomplished by employing the following techniques; Ground-penetrating Radar (GPR), electromagnetic metal detector (Fisher TW6), radio frequency line locating (RF), Electromagnetic Profiler (EM). Underground storage tanks (USTs), utilities, and metallic anomalies are typically traced and mapped with RF, GPR, EM, and a magnetometer depending on the size, matrix and conductive properties of the targets. Site conditions and client specifications of the areas of concern (AOCs), determine the survey approach and equipment used to provide the most comprehensive data possible.

### Equipment Used:

**Radiodetection RD8000 PDL pipe and cable locator**

**Radiodetection RD1100 250MHz ground penetrating radar (GPR)**

**Fisher TW6 Magnetometer**

## *SCOPE OF WORK*

On September 24th, 2020, a geophysical survey and investigation was completed at all of the above mentioned locations (316 Huguenot Street, 8 Westchester Place and 64 Centre Avenue). The scope of work was to mark all detected utilities and anomalies in client-specified areas of concern (AOCs), for proposed boring locations. Also, the client requested a UST investigation to confirm the existence, or removal, of former USTs at the 316 Huguenot Street, 8 Westchester Place and 64 Centre Avenue locations. The AOCs were a vacant lot where buildings once stood; and the front lot, back parking lot, and inside of a hardware store. Surface conditions consisted of asphalt, gravel, and bare soils. The locations were scanned using an RD1100 250MHz (GPR), Fisher TW-6 Magnetometer, and Radiodetection RD8000 PDL pipe and cable locator.

## *SURVEY RESULTS*

The GPR and RD8000 units were used in an octagonal grid pattern over the AOC. 3D data was collected and 2D locations were logged. The RD 8000 was also used in many different modes, directly and passively, along with the TW-6 Magnetometer. All detected utilities were marked in APWA coded paints and any unknown subsurface linear anomalies were marked in white paint. Two metallic subsurface anomalies consistent with USTs were detected with the TW6, near the entrance of the 8 Westchester Place AOC. They had estimated dimensions ~(10-11ft. x 5ft.), and were marked in pink paint. A fill port was detected and investigated in between both detected anomalies, with detected lines leading to both, along with three suspected vents in the middle of the property. Various other unknown cut pipes were located, induced upon, and traced out with pink paint. The proposed boring location inside of the hardware store was marked with duct tape and green marker so as to not mark the finished floor. All findings were marked on site and discussed with the client representative. Please see the figures section.

## *LIMITATIONS*

The GPR signal penetration depth was less than good and estimated as ~(2ft.-4ft.) below ground surface (BGS) in the majority of the areas of the exterior of the property. Due to surface conditions and the dielectric properties of the subsurface and properties of concrete, plastic polymer, and fiberglass, not all subsurface anomalies and utilities may have been detected. Buildings, concrete barriers, wet soils, saturated conditions, cracked surfaces, curb lines, metal structures, may have affected survey results near and immediately beneath them.

***Figures***




American Geophysics Inc. | 180 Main Street Butler, New Jersey 07405 | 833.SCAN GPR/ 833.722.6477



**Fig. 1: Images of the areas investigated at 8 Westchester Place, with detected anomalies and utilities in pink paint, and the proposed boring locations marked as circles with an X inside.**



**Fig. 2: Images of the detected metallic subsurface anomalies.**

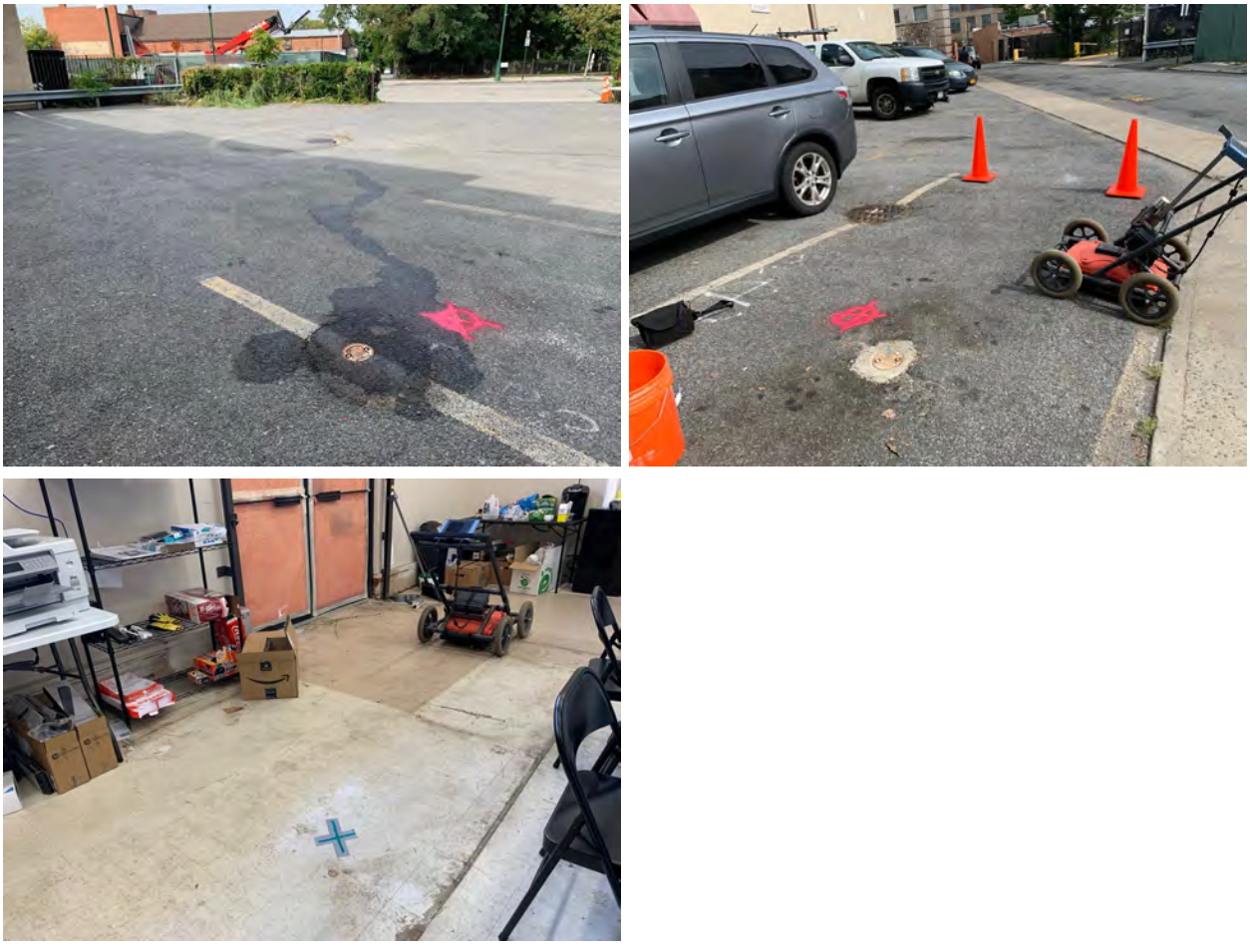


**Fig. 3: Images of the areas investigated at 64 Centre Avenue (first picture, store parking lot), 316 Huguenot Street (second picture, store back lot), and the inside location, with detected anomalies and utilities in APWA coded colors.**

***WARRANTIES***

· ***American Geophysics, Inc. does not guarantee that utilities, conduit, and steel reinforcement will be avoided during drilling, cutting, trenching, and coring.***

· ***All utility designating will be in compliance with ASCE 38-02 (level B).***

· ***All field services were conducted in compliance with the industry standard of care guidelines found in CSDA-BP-007 and marked in appropriate colors as per the APWA (American Public Works Association).***

· ***The GPR unit must have direct contact with the concrete in order to collect quality data.***

· ***Any areas covered with debris cannot be scanned correctly with GPR.***

· ***Wet floors will not allow proper marking with paint and/or permanent marker.***

· ***All concrete slabs must be monolithic pours.***

· ***Dairy brick and some types of tile may cause signal interference.***

· ***New concrete can adversely affect the signal penetration and should be given a minimum of one month curing time.***

· ***All areas should be clear for scanning and marking.***

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. American Geophysics, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted geophysical methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

American Geophysics, Inc. represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by geophysical consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

American Geophysics, Inc. believes that the information provided in this report is reliable. However, American Geophysics, Inc. cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating, drilling, and cutting around subsurface structures and utilities, since GPR data can only be used for estimation purposes and GPR data, is subject to misinterpretation. American Geophysics, Inc. cannot guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, and excavation activities.

Hand clearing or vacuum-excavation should be performed within 2.5’ of any marks. American Geophysics, Inc. does not guarantee that utilities will not be encountered during

drilling and/or excavation. Mark-out services performed by American Geophysics, Inc. do not satisfy state mark out requirements. By law, the appropriate state mark-out service must be notified prior to any digging activities (i.e. NJ one-call, PA one-call, CT call before you dig, MD & VA miss utility, dig safely NY, FL one-call, 811 one-call, call before you dig, Sunshine State One-Call ).

This report was prepared pursuant to the contract American Geophysics, Inc. has with the Client. That contractual relationship included an exchange of information about the property that was unique and between American Geophysics, Inc. and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between American Geophysics, Inc. and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to American Geophysics, Inc.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to American Geophysics, Inc. contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

# APPENDIX F – GROUNDWATER MONITORNG WELL SAMPLING LOGS

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Location:** | 316 Huguenot Street, NR, NY | | | **Job Number:** | 11513 | **WELL I.D. : MW-2D** | | | |
| **Personnel:** | John Norgard | | | **Date:** | 10/27/2020 | | | | |
| | | | | **PID:** | 0 | SESI CONSULTING ENGINEERS | | | |
| **Stickup? N** Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
| N/A | 4" | 14.66 | N/A | 7.63 | 7.03 | 11.145 | 14 | | Pump Peristaltic |
| **Turbidity at collection (NTU):** | | 63 | (Less than 5 NTU is desirable) | | **Duplicate Collected? N** | | | **Filtered Sample** | N |
| **Stabilization Parameters** | | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |
| | | | | | | | | | |
| **Volume Purged (gallons)** | **Time (actual Time) 5 minute Intervals** | **TEMP. (Deg. C)** | **pH** | **Specific Conductivity uS/cm** | **Dissolved Oxygen (mg/L)** | **ORP mV millivolts** | **Turbidity NTUs** | **DTW (feet)** | **Odors Y/N** |
| | 10:40 | 17.34 | 8.12 | 0.157 | 7.28 | 58 | >1000 | 7.63 | N |
| | 11:15 | 19 | 8.72 | 0.115 | 0 | -120 | 87 | 7.63 | N |
| | 11:20 | 19.08 | 8.63 | 0.112 | 0 | -125 | 92 | 7.65 | N |
| | 11:25 | 19.12 | 8.66 | 0.11 | 0 | -127 | 63 | 7.66 | N |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | Miniscule drop in water level, great recharge. | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| **Well Condition Summary** | | | | | | | | | |
| **Cover: Y** | | **Bolts: Y** | | **Concrete Pad OK: Y** | | **Gripper: Y** | | | |
| **Sample Collection Information** | | | | | | | | | |
| **Sample Time:** | 11:30 | **Appearance: Clear** | | **Filtered Sample Turbidity:** | | | **OTHER:** | | |

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

| **ABSORBENT SOCK** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sock Length (ft) =** | | **Capacity (Qt.) =** | | **Present:** | Y / N | **Product Measured (Inches) :** | |
| **Sock Installation Date:** | | | **Sock Changed :** | | Y / N | | |
| **Sock Depth (Depth to sock mid point):** | | | | | | | |

# APPENDIX G – LABORATORY REPORTS

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2040743 |
| Client: | Soils Engineering Services, Inc.<br>12A Maple Avenue<br>Pine Brook, NJ 07058 |
| ATTN: | Andrew Allen |
| Phone: | (973) 808-9050 |
| Project Name: | WESTCHESTER COUNTY |
| Project Number: | 11513:2 |
| Report Date: | 10/08/20 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2040743-01 | SB-1 (7'-8') | SOIL | NEW ROCHELLE, NY | 09/24/20 13:15 | 09/25/20 |
| L2040743-02 | SB-2 (9'-10') | SOIL | NEW ROCHELLE, NY | 09/24/20 14:30 | 09/25/20 |
| L2040743-03 | SB-3 (4'-5') | SOIL | NEW ROCHELLE, NY | 09/24/20 16:15 | 09/25/20 |
| L2040743-04 | SB-4 (1'-2') | SOIL | NEW ROCHELLE, NY | 09/25/20 12:45 | 09/25/20 |
| L2040743-05 | GW-1 | WATER | NEW ROCHELLE, NY | 09/24/20 10:30 | 09/25/20 |
| L2040743-06 | GW-2 | WATER | NEW ROCHELLE, NY | 09/24/20 10:30 | 09/25/20 |
| L2040743-07 | GW-3 | WATER | NEW ROCHELLE, NY | 09/24/20 10:30 | 09/25/20 |
| L2040743-08 | GW-4 | WATER | NEW ROCHELLE, NY | 09/24/20 10:30 | 09/25/20 |
| L2040743-09 | GW-6 | WATER | NEW ROCHELLE, NY | 09/25/20 12:00 | 09/25/20 |

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

**Case Narrative (continued)**

Report Submission

October 08, 2020: This final report includes the results of all requested analyses.

October 05, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2040743-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (136%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2040743-09: The sample has elevated detection limits due to the dilution required by the sample matrix (oily).

Perfluorinated Alkyl Acids by Isotope Dilution

L2040743-09: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Pesticides

The surrogate recoveries for the WG1415849-1 Method Blank, associated with L2040743-05 through -09, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (28%/27%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

Total Metals

L2040743-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1416039-1 Method Blank, associated with L2040743-01 through -04, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743
**Project Number:** 11513:2 **Report Date:** 10/08/20

**Case Narrative (continued)**

concentration for this analyte, no corrective action is required.

Cyanide, Total

The WG1416567-2/-3 LCS/LCSD recoveries for cyanide, total (69%/71%), associated with L2040743-01 and -02, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1416568-2/-3 LCS/LCSD recoveries for cyanide, total (69%/70%), associated with L2040743-03 and -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/08/20

# ORGANICS

# VOLATILES

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/01/20 13:45
Analyst: MKS
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.3 | 2.9 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.29 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.34 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.63 | 0.25 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.63 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.0 | 0.87 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.63 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.63 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.63 | 0.20 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.63 | 0.20 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.63 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.0 | 0.31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.63 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.63 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.68 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.73 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.42 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.57 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.17 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01 Date Collected: 09/24/20 13:15

Client ID: SB-1 (7'-8') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.63 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.19 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.22 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.25 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.37 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.2 | 0.37 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.22 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Dibromomethane | ND | | ug/kg | 2.5 | 0.30 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.25 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.2 | 1 |
| Acetone | ND | | ug/kg | 12 | 6.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.7 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.8 | 1 |
| Vinyl acetate | ND | | ug/kg | 12 | 2.7 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.6 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.5 | 0.16 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.26 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.5 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.35 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.5 | 0.21 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.63 | 0.17 | 1 |
| Bromobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.5 | 0.15 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.5 | 0.14 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.8 | 1.2 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 5.0 | 0.21 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Naphthalene | ND | | ug/kg | 5.0 | 0.82 | 1 |
| Acrylonitrile | ND | | ug/kg | 5.0 | 1.4 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01 Date Collected: 09/24/20 13:15

Client ID: SB-1 (7'-8') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.22 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.5 | 0.42 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 44. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.5 | 0.22 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.5 | 0.48 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| Ethyl ether | ND | | ug/kg | 2.5 | 0.43 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 6.3 | 1.8 | 1 |

Tentatively Identified Compounds

| | | | | |
|---|---|---|---|---|
| No Tentatively Identified Compounds | ND | | ug/kg | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 107 | | 70-130 |
| 4-Bromofluorobenzene | 129 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/30/20 23:49
Analyst: JC
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 290 | 130 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 58 | 8.4 | 1 |
| Chloroform | ND | | ug/kg | 87 | 8.1 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 58 | 13. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 58 | 7.2 | 1 |
| Dibromochloromethane | ND | | ug/kg | 58 | 8.1 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 58 | 15. | 1 |
| Tetrachloroethene | ND | | ug/kg | 29 | 11. | 1 |
| Chlorobenzene | ND | | ug/kg | 29 | 7.4 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 230 | 40. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 58 | 15. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 29 | 9.7 | 1 |
| Bromodichloromethane | ND | | ug/kg | 29 | 6.3 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 58 | 16. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 29 | 9.1 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 29 | 9.1 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 29 | 9.2 | 1 |
| Bromoform | ND | | ug/kg | 230 | 14. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 29 | 9.6 | 1 |
| Benzene | ND | | ug/kg | 29 | 9.6 | 1 |
| Toluene | ND | | ug/kg | 58 | 31. | 1 |
| Ethylbenzene | 66 | | ug/kg | 58 | 8.2 | 1 |
| Chloromethane | ND | | ug/kg | 230 | 54. | 1 |
| Bromomethane | ND | | ug/kg | 120 | 34. | 1 |
| Vinyl chloride | ND | | ug/kg | 58 | 19. | 1 |
| Chloroethane | ND | | ug/kg | 120 | 26. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 58 | 14. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 87 | 7.9 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 29 | 7.9 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 120 | 8.3 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 120 | 8.6 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 120 | 9.9 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 120 | 12. | 1 |
| p/m-Xylene | 93 | J | ug/kg | 120 | 32. | 1 |
| o-Xylene | 23 | J | ug/kg | 58 | 17. | 1 |
| Xylenes, Total | 120 | J | ug/kg | 58 | 17. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 58 | 10. | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 58 | 7.9 | 1 |
| Dibromomethane | ND | | ug/kg | 120 | 14. | 1 |
| Styrene | ND | | ug/kg | 58 | 11. | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 580 | 53. | 1 |
| Acetone | ND | | ug/kg | 580 | 280 | 1 |
| Carbon disulfide | ND | | ug/kg | 580 | 260 | 1 |
| 2-Butanone | ND | | ug/kg | 580 | 130 | 1 |
| Vinyl acetate | ND | | ug/kg | 580 | 120 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 580 | 74. | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 120 | 7.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 580 | 68. | 1 |
| Bromochloromethane | ND | | ug/kg | 120 | 12. | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 120 | 12. | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 58 | 16. | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 120 | 9.7 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 29 | 7.6 | 1 |
| Bromobenzene | ND | | ug/kg | 120 | 8.4 | 1 |
| n-Butylbenzene | 2300 | | ug/kg | 58 | 9.7 | 1 |
| sec-Butylbenzene | 1600 | | ug/kg | 58 | 8.4 | 1 |
| tert-Butylbenzene | 49 | J | ug/kg | 120 | 6.8 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 120 | 11. | 1 |
| p-Chlorotoluene | ND | | ug/kg | 120 | 6.2 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 170 | 58. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 230 | 9.8 | 1 |
| Isopropylbenzene | 720 | | ug/kg | 58 | 6.3 | 1 |
| p-Isopropyltoluene | 150 | | ug/kg | 58 | 6.3 | 1 |
| Naphthalene | 2500 | | ug/kg | 230 | 38. | 1 |
| Acrylonitrile | ND | | ug/kg | 230 | 66. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| n-Propylbenzene | 2700 | | ug/kg | 58 | 9.9 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 120 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 120 | 16. | 1 |
| 1,3,5-Trimethylbenzene | 14 | J | ug/kg | 120 | 11. | 1 |
| 1,2,4-Trimethylbenzene | 110 | J | ug/kg | 120 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 4600 | 2000 | 1 |
| p-Diethylbenzene | 1600 | | ug/kg | 120 | 10. | 1 |
| p-Ethyltoluene | 85 | J | ug/kg | 120 | 22. | 1 |
| 1,2,4,5-Tetramethylbenzene | 4900 | | ug/kg | 120 | 11. | 1 |
| Ethyl ether | ND | | ug/kg | 120 | 20. | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 290 | 82. | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 163000 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 14200 | J | ug/kg | | | 1 |
| Unknown Aromatic | 9300 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 8520 | J | ug/kg | | | 1 |
| Unknown Aromatic | 8530 | J | ug/kg | | | 1 |
| Unknown Aromatic | 18100 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 8050 | J | ug/kg | | | 1 |
| Unknown | 7780 | J | ug/kg | | | 1 |
| Unknown Aromatic | 14600 | J | ug/kg | | | 1 |
| Unknown Benzene | 9800 | J | ug/kg | | | 1 |
| Unknown Aromatic | 6730 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 8450 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 10400 | J | ug/kg | | | 1 |
| Unknown Aromatic | 7210 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 21200 | J | ug/kg | | | 1 |
| Unknown Aromatic | 9800 | J | ug/kg | | | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 90 | | 70-130 |
| Toluene-d8 | 110 | | 70-130 |
| 4-Bromofluorobenzene | **136** | Q | 70-130 |
| Dibromofluoromethane | 83 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D2
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/01/20 14:11
Analyst: MKS
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 2700 | 1200 | 10 |
| 1,1-Dichloroethane | ND | | ug/kg | 550 | 79. | 10 |
| Chloroform | ND | | ug/kg | 820 | 76. | 10 |
| Carbon tetrachloride | ND | | ug/kg | 550 | 120 | 10 |
| 1,2-Dichloropropane | ND | | ug/kg | 550 | 68. | 10 |
| Dibromochloromethane | ND | | ug/kg | 550 | 76. | 10 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 550 | 140 | 10 |
| Tetrachloroethene | ND | | ug/kg | 270 | 110 | 10 |
| Chlorobenzene | ND | | ug/kg | 270 | 69. | 10 |
| Trichlorofluoromethane | ND | | ug/kg | 2200 | 380 | 10 |
| 1,2-Dichloroethane | ND | | ug/kg | 550 | 140 | 10 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 270 | 91. | 10 |
| Bromodichloromethane | ND | | ug/kg | 270 | 60. | 10 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 550 | 150 | 10 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 270 | 86. | 10 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 270 | 86. | 10 |
| 1,1-Dichloropropene | ND | | ug/kg | 270 | 87. | 10 |
| Bromoform | ND | | ug/kg | 2200 | 130 | 10 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 270 | 91. | 10 |
| Benzene | 690 | | ug/kg | 270 | 91. | 10 |
| Toluene | 18000 | | ug/kg | 550 | 300 | 10 |
| Ethylbenzene | 71000 | | ug/kg | 550 | 77. | 10 |
| Chloromethane | ND | | ug/kg | 2200 | 510 | 10 |
| Bromomethane | ND | | ug/kg | 1100 | 320 | 10 |
| Vinyl chloride | ND | | ug/kg | 550 | 180 | 10 |
| Chloroethane | ND | | ug/kg | 1100 | 250 | 10 |
| 1,1-Dichloroethene | ND | | ug/kg | 550 | 130 | 10 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 820 | 75. | 10 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D2 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 270 | 75. | 10 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1100 | 79. | 10 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1100 | 81. | 10 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1100 | 93. | 10 |
| Methyl tert butyl ether | ND | | ug/kg | 1100 | 110 | 10 |
| p/m-Xylene | 260000 | | ug/kg | 1100 | 310 | 10 |
| o-Xylene | 91000 | | ug/kg | 550 | 160 | 10 |
| Xylenes, Total | 350000 | | ug/kg | 550 | 160 | 10 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 550 | 96. | 10 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 550 | 75. | 10 |
| Dibromomethane | ND | | ug/kg | 1100 | 130 | 10 |
| Styrene | ND | | ug/kg | 550 | 110 | 10 |
| Dichlorodifluoromethane | ND | | ug/kg | 5500 | 500 | 10 |
| Acetone | ND | | ug/kg | 5500 | 2600 | 10 |
| Carbon disulfide | ND | | ug/kg | 5500 | 2500 | 10 |
| 2-Butanone | ND | | ug/kg | 5500 | 1200 | 10 |
| Vinyl acetate | ND | | ug/kg | 5500 | 1200 | 10 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 5500 | 700 | 10 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 1100 | 69. | 10 |
| 2-Hexanone | ND | | ug/kg | 5500 | 640 | 10 |
| Bromochloromethane | ND | | ug/kg | 1100 | 110 | 10 |
| 2,2-Dichloropropane | ND | | ug/kg | 1100 | 110 | 10 |
| 1,2-Dibromoethane | ND | | ug/kg | 550 | 150 | 10 |
| 1,3-Dichloropropane | ND | | ug/kg | 1100 | 91. | 10 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 270 | 72. | 10 |
| Bromobenzene | ND | | ug/kg | 1100 | 79. | 10 |
| n-Butylbenzene | 6000 | | ug/kg | 550 | 91. | 10 |
| sec-Butylbenzene | 3000 | | ug/kg | 550 | 80. | 10 |
| tert-Butylbenzene | ND | | ug/kg | 1100 | 64. | 10 |
| o-Chlorotoluene | ND | | ug/kg | 1100 | 100 | 10 |
| p-Chlorotoluene | ND | | ug/kg | 1100 | 59. | 10 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1600 | 540 | 10 |
| Hexachlorobutadiene | ND | | ug/kg | 2200 | 92. | 10 |
| Isopropylbenzene | 7700 | | ug/kg | 550 | 60. | 10 |
| p-Isopropyltoluene | 1100 | | ug/kg | 550 | 60. | 10 |
| Naphthalene | 16000 | | ug/kg | 2200 | 360 | 10 |
| Acrylonitrile | ND | | ug/kg | 2200 | 630 | 10 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D2 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| n-Propylbenzene | 34000 | | ug/kg | 550 | 93. | 10 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1100 | 180 | 10 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1100 | 150 | 10 |
| 1,3,5-Trimethylbenzene | 55000 | | ug/kg | 1100 | 100 | 10 |
| 1,2,4-Trimethylbenzene | 170000 | E | ug/kg | 1100 | 180 | 10 |
| 1,4-Dioxane | ND | | ug/kg | 44000 | 19000 | 10 |
| p-Diethylbenzene | 47000 | | ug/kg | 1100 | 97. | 10 |
| p-Ethyltoluene | 160000 | | ug/kg | 1100 | 210 | 10 |
| 1,2,4,5-Tetramethylbenzene | 12000 | | ug/kg | 1100 | 100 | 10 |
| Ethyl ether | ND | | ug/kg | 1100 | 190 | 10 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 2700 | 780 | 10 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 418000 | J | ug/kg | | | 10 |
| Heptane, 2,6-dimethyl- | 13600 | NJ | ug/kg | | | 10 |
| Cyclohexane, 1,1,3-trimethyl- | 18300 | NJ | ug/kg | | | 10 |
| Unknown Cyclohexane | 20900 | J | ug/kg | | | 10 |
| Nonane (C9) | 39600 | NJ | ug/kg | | | 10 |
| Unknown Alkane | 31300 | J | ug/kg | | | 10 |
| Cyclohexane, ethyl- | 17500 | NJ | ug/kg | | | 10 |
| Cyclohexane, methyl- | 34400 | NJ | ug/kg | | | 10 |
| Hexane, 2-methyl- | 21100 | NJ | ug/kg | | | 10 |
| Unknown | 18100 | J | ug/kg | | | 10 |
| Unknown | 47000 | J | ug/kg | | | 10 |
| Unknown Alkane | 16800 | J | ug/kg | | | 10 |
| Hexane, 3-methyl- | 24900 | NJ | ug/kg | | | 10 |
| Octane | 47200 | NJ | ug/kg | | | 10 |
| Unknown Alkane | 26500 | J | ug/kg | | | 10 |
| Unknown Alkane | 40400 | J | ug/kg | | | 10 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D2 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 107 | | 70-130 |
| 4-Bromofluorobenzene | 115 | | 70-130 |
| Dibromofluoromethane | 88 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/30/20 23:28
Analyst: JC
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,2,4-Trimethylbenzene | 210000 | | ug/kg | 2200 | 360 | 20 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 88 | | 70-130 |
| Toluene-d8 | 108 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 81 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/30/20 22:03
Analyst: JC
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.2 | 2.9 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.17 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.2 | 0.29 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.2 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.2 | 0.17 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.2 | 0.33 | 1 |
| Tetrachloroethene | 0.43 | J | ug/kg | 0.62 | 0.24 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.62 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.0 | 0.87 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.2 | 0.32 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.62 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.2 | 0.34 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.62 | 0.20 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.62 | 0.20 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.62 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.0 | 0.31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.62 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.2 | 0.68 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.0 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.5 | 0.72 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.2 | 0.42 | 1 |
| Chloroethane | ND | | ug/kg | 2.5 | 0.56 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.2 | 0.30 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.17 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04 Date Collected: 09/25/20 12:45

Client ID: SB-4 (1'-2') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.62 | 0.17 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.5 | 0.21 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.5 | 0.25 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/kg | 1.2 | 0.36 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.2 | 0.36 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.2 | 0.22 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.2 | 0.17 | 1 |
| Dibromomethane | ND | | ug/kg | 2.5 | 0.30 | 1 |
| Styrene | ND | | ug/kg | 1.2 | 0.24 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 12 | 1.1 | 1 |
| Acetone | ND | | ug/kg | 12 | 6.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 12 | 5.7 | 1 |
| 2-Butanone | ND | | ug/kg | 12 | 2.8 | 1 |
| Vinyl acetate | ND | | ug/kg | 12 | 2.7 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 12 | 1.6 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.5 | 0.16 | 1 |
| 2-Hexanone | ND | | ug/kg | 12 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.5 | 0.26 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.5 | 0.25 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.2 | 0.35 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.5 | 0.21 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.62 | 0.16 | 1 |
| Bromobenzene | ND | | ug/kg | 2.5 | 0.18 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.2 | 0.18 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.5 | 0.15 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.5 | 0.13 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.7 | 1.2 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 5.0 | 0.21 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.2 | 0.14 | 1 |
| Naphthalene | ND | | ug/kg | 5.0 | 0.81 | 1 |
| Acrylonitrile | ND | | ug/kg | 5.0 | 1.4 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04 Date Collected: 09/25/20 12:45

Client ID: SB-4 (1'-2') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.2 | 0.21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.5 | 0.34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.5 | 0.42 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 44. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.5 | 0.22 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.5 | 0.48 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.5 | 0.24 | 1 |
| Ethyl ether | ND | | ug/kg | 2.5 | 0.43 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 6.2 | 1.8 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 102 | | 70-130 |
| 4-Bromofluorobenzene | 104 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/01/20 11:20
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05 Date Collected: 09/24/20 10:30

Client ID: GW-1 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05 Date Collected: 09/24/20 10:30

Client ID: GW-1 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/01/20 11:42
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/01/20 12:04
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | 1.6 | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07 Date Collected: 09/24/20 10:30

Client ID: GW-3 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | 0.29 | J | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07 Date Collected: 09/24/20 10:30

Client ID: GW-3 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 109 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/01/20 12:27
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | 0.19 | J | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | 60 | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | 8.4 | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | 1.1 | J | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | 2.6 | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | 3.7 | J | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | 11 | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | 12 | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | 12 | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | 38 | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | 1.6 | J | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | 15 | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | 93 | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | 12 | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | 52 | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 744 | J | ug/l | | | 1 |
| Unknown Aromatic | 57.8 | J | ug/l | | | 1 |
| Unknown Aromatic | 29.7 | J | ug/l | | | 1 |
| Unknown Aromatic | 59.6 | J | ug/l | | | 1 |
| Unknown Aromatic | 105 | J | ug/l | | | 1 |
| Unknown Aromatic | 18.1 | J | ug/l | | | 1 |
| Unknown Benzene | 57.5 | J | ug/l | | | 1 |
| Cyclopentane, Methyl- | 21.9 | NJ | ug/l | | | 1 |
| Unknown Aromatic | 148 | J | ug/l | | | 1 |
| Cyclohexane | 15.1 | NJ | ug/l | | | 1 |
| Cyclohexane, methyl- | 33.4 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 65.1 | J | ug/l | | | 1 |
| Pentane, 2-methyl- | 16.6 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 33.0 | J | ug/l | | | 1 |
| Unknown Aromatic | 15.5 | J | ug/l | | | 1 |
| Unknown Aromatic | 67.7 | J | ug/l | | | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 103 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 D
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/01/20 12:49
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,1-Dichloroethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Chloroform | ND | | ug/l | 5.0 | 1.4 | 2 |
| Carbon tetrachloride | ND | | ug/l | 1.0 | 0.27 | 2 |
| 1,2-Dichloropropane | ND | | ug/l | 2.0 | 0.27 | 2 |
| Dibromochloromethane | ND | | ug/l | 1.0 | 0.30 | 2 |
| 1,1,2-Trichloroethane | ND | | ug/l | 3.0 | 1.0 | 2 |
| Tetrachloroethene | ND | | ug/l | 1.0 | 0.36 | 2 |
| Chlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Trichlorofluoromethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2-Dichloroethane | ND | | ug/l | 1.0 | 0.26 | 2 |
| 1,1,1-Trichloroethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Bromodichloromethane | ND | | ug/l | 1.0 | 0.38 | 2 |
| trans-1,3-Dichloropropene | ND | | ug/l | 1.0 | 0.33 | 2 |
| cis-1,3-Dichloropropene | ND | | ug/l | 1.0 | 0.29 | 2 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 1.0 | 0.29 | 2 |
| 1,1-Dichloropropene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Bromoform | ND | | ug/l | 4.0 | 1.3 | 2 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 1.0 | 0.33 | 2 |
| Benzene | 2.3 | | ug/l | 1.0 | 0.32 | 2 |
| Toluene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Ethylbenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Chloromethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Bromomethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Vinyl chloride | ND | | ug/l | 2.0 | 0.14 | 2 |
| Chloroethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,1-Dichloroethene | ND | | ug/l | 1.0 | 0.34 | 2 |
| trans-1,2-Dichloroethene | ND | | ug/l | 5.0 | 1.4 | 2 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 D Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 1.0 | 0.35 | 2 |
| 1,2-Dichlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,3-Dichlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,4-Dichlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Methyl tert butyl ether | ND | | ug/l | 5.0 | 1.4 | 2 |
| p/m-Xylene | 1.6 | J | ug/l | 5.0 | 1.4 | 2 |
| o-Xylene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Xylenes, Total | 1.6 | J | ug/l | 5.0 | 1.4 | 2 |
| cis-1,2-Dichloroethene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 5.0 | 1.4 | 2 |
| Dibromomethane | ND | | ug/l | 10 | 2.0 | 2 |
| 1,2,3-Trichloropropane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Acrylonitrile | ND | | ug/l | 10 | 3.0 | 2 |
| Styrene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Dichlorodifluoromethane | ND | | ug/l | 10 | 2.0 | 2 |
| Acetone | 7.7 | J | ug/l | 10 | 2.9 | 2 |
| Carbon disulfide | ND | | ug/l | 10 | 2.0 | 2 |
| 2-Butanone | ND | | ug/l | 10 | 3.9 | 2 |
| Vinyl acetate | ND | | ug/l | 10 | 2.0 | 2 |
| 4-Methyl-2-pentanone | ND | | ug/l | 10 | 2.0 | 2 |
| 2-Hexanone | ND | | ug/l | 10 | 2.0 | 2 |
| Bromochloromethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| 2,2-Dichloropropane | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2-Dibromoethane | ND | | ug/l | 4.0 | 1.3 | 2 |
| 1,3-Dichloropropane | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Bromobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| n-Butylbenzene | 5.0 | | ug/l | 5.0 | 1.4 | 2 |
| sec-Butylbenzene | 5.0 | | ug/l | 5.0 | 1.4 | 2 |
| tert-Butylbenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| o-Chlorotoluene | ND | | ug/l | 5.0 | 1.4 | 2 |
| p-Chlorotoluene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 5.0 | 1.4 | 2 |
| Hexachlorobutadiene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Isopropylbenzene | 6.4 | | ug/l | 5.0 | 1.4 | 2 |
| p-Isopropyltoluene | ND | | ug/l | 5.0 | 1.4 | 2 |
| Naphthalene | 2.1 | J | ug/l | 5.0 | 1.4 | 2 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 D Date Collected: 09/25/20 12:00
Client ID: GW-6 Date Received: 09/25/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | 12 | | ug/l | 5.0 | 1.4 | 2 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 5.0 | 1.4 | 2 |
| 1,4-Dioxane | ND | | ug/l | 500 | 120 | 2 |
| p-Diethylbenzene | 5.2 | | ug/l | 4.0 | 1.4 | 2 |
| p-Ethyltoluene | 1.7 | J | ug/l | 4.0 | 1.4 | 2 |
| 1,2,4,5-Tetramethylbenzene | 32 | | ug/l | 4.0 | 1.1 | 2 |
| Ethyl ether | ND | | ug/l | 5.0 | 1.4 | 2 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 5.0 | 1.4 | 2 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 461 | J | ug/l | | | 2 |
| Unknown Naphthalene | 11.9 | J | ug/l | | | 2 |
| Unknown Naphthalene | 23.8 | J | ug/l | | | 2 |
| Unknown Aromatic | 30.1 | J | ug/l | | | 2 |
| Unknown Benzene | 22.9 | J | ug/l | | | 2 |
| Unknown Aromatic | 16.1 | J | ug/l | | | 2 |
| Unknown Aromatic | 61.0 | J | ug/l | | | 2 |
| Unknown Aromatic | 62.5 | J | ug/l | | | 2 |
| Unknown Aromatic | 69.1 | J | ug/l | | | 2 |
| Unknown Naphthalene | 22.0 | J | ug/l | | | 2 |
| Unknown Naphthalene | 17.0 | J | ug/l | | | 2 |
| Unknown Aromatic | 18.4 | J | ug/l | | | 2 |
| Unknown Aromatic | 28.7 | J | ug/l | | | 2 |
| Unknown Aromatic | 31.3 | J | ug/l | | | 2 |
| Unknown Aromatic | 18.3 | J | ug/l | | | 2 |
| Unknown Aromatic | 28.0 | J | ug/l | | | 2 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

**SAMPLE RESULTS**

Lab ID: L2040743-09 D Date Collected: 09/25/20 12:00
Client ID: GW-6 Date Received: 09/25/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 104 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1416801-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1416801-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.13 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.14 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1416801-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Hexachlorobutadiene | ND | | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 |
| Naphthalene | ND | | ug/kg | 4.0 | 0.65 |
| Acrylonitrile | ND | | ug/kg | 4.0 | 1.2 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.0 | 1.4 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 8.70 | J | ug/kg |
| Unknown | 8.70 | J | ug/kg |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1416801-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 95 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1416805-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 25 | 7.9 |
| 1,1-Dichloropropene | ND | | ug/kg | 25 | 8.0 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | ND | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1416805-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| Xylenes, Total | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 50 | 6.8 |
| Dibromomethane | ND | | ug/kg | 100 | 12. |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| Vinyl acetate | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 1,2,3-Trichloropropane | ND | | ug/kg | 100 | 6.4 |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 2,2-Dichloropropane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,3-Dichloropropane | ND | | ug/kg | 100 | 8.4 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 25 | 6.6 |
| Bromobenzene | ND | | ug/kg | 100 | 7.2 |
| n-Butylbenzene | ND | | ug/kg | 50 | 8.4 |
| sec-Butylbenzene | ND | | ug/kg | 50 | 7.3 |
| tert-Butylbenzene | ND | | ug/kg | 100 | 5.9 |
| o-Chlorotoluene | ND | | ug/kg | 100 | 9.6 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1416805-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 100 | 5.4 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 8.4 |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| p-Isopropyltoluene | ND | | ug/kg | 50 | 5.4 |
| Naphthalene | ND | | ug/kg | 200 | 32. |
| Acrylonitrile | ND | | ug/kg | 200 | 58. |
| n-Propylbenzene | ND | | ug/kg | 50 | 8.6 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 100 | 9.6 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 100 | 17. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| p-Diethylbenzene | ND | | ug/kg | 100 | 8.8 |
| p-Ethyltoluene | ND | | ug/kg | 100 | 19. |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 100 | 9.6 |
| Ethyl ether | ND | | ug/kg | 100 | 17. |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 250 | 71. |

Tentatively Identified Compounds

| | | | |
|---|---|---|---|
| Total TIC Compounds | 435 | J | ug/kg |
| Unknown | 435 | J | ug/kg |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/30/20 16:25
Analyst: AD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1416805-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 95 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1416924-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | 0.84 | J | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1416924-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.13 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.14 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1416924-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Hexachlorobutadiene | ND | | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 |
| Naphthalene | ND | | ug/kg | 4.0 | 0.65 |
| Acrylonitrile | ND | | ug/kg | 4.0 | 1.2 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.0 | 1.4 |

Tentatively Identified Compounds

| | | | |
|---|---|---|---|
| Total TIC Compounds | 4.21 | J | ug/kg |
| Unknown | 2.10 | J | ug/kg |
| Unknown | 2.11 | J | ug/kg |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1416924-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 105 | | 70-130 |
| 4-Bromofluorobenzene | 117 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1416977-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 25 | 7.9 |
| 1,1-Dichloropropene | ND | | ug/kg | 25 | 8.0 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | 42 | J | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1416977-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| Xylenes, Total | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 50 | 6.8 |
| Dibromomethane | ND | | ug/kg | 100 | 12. |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| Vinyl acetate | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 1,2,3-Trichloropropane | ND | | ug/kg | 100 | 6.4 |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 2,2-Dichloropropane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,3-Dichloropropane | ND | | ug/kg | 100 | 8.4 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 25 | 6.6 |
| Bromobenzene | ND | | ug/kg | 100 | 7.2 |
| n-Butylbenzene | ND | | ug/kg | 50 | 8.4 |
| sec-Butylbenzene | ND | | ug/kg | 50 | 7.3 |
| tert-Butylbenzene | ND | | ug/kg | 100 | 5.9 |
| o-Chlorotoluene | ND | | ug/kg | 100 | 9.6 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1416977-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 100 | 5.4 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 8.4 |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| p-Isopropyltoluene | ND | | ug/kg | 50 | 5.4 |
| Naphthalene | ND | | ug/kg | 200 | 32. |
| Acrylonitrile | ND | | ug/kg | 200 | 58. |
| n-Propylbenzene | ND | | ug/kg | 50 | 8.6 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 100 | 9.6 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 100 | 17. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| p-Diethylbenzene | ND | | ug/kg | 100 | 8.8 |
| p-Ethyltoluene | ND | | ug/kg | 100 | 19. |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 100 | 9.6 |
| Ethyl ether | ND | | ug/kg | 100 | 17. |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 250 | 71. |

Tentatively Identified Compounds

| | | | |
|---|---|---|---|
| Total TIC Compounds | 211 | J | ug/kg |
| Unknown | 106 | J | ug/kg |
| Unknown | 105 | J | ug/kg |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 07:17
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1416977-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 105 | | 70-130 |
| 4-Bromofluorobenzene | 116 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 08:48
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1417031-5 | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 |
| Benzene | ND | | ug/l | 0.50 | 0.16 |
| Toluene | ND | | ug/l | 2.5 | 0.70 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 08:48
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1417031-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 |
| Styrene | ND | | ug/l | 2.5 | 0.70 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 |
| Acetone | ND | | ug/l | 5.0 | 1.5 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 08:48
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1417031-5 | | | | | |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 |
| Tentatively Identified Compounds | | | | | |
| No Tentatively Identified Compounds | ND | | ug/l | | |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/01/20 08:48
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG1417031-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1416801-3 WG1416801-4 | | | | | | | | |
| Methylene chloride | 108 | | 100 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 109 | | 103 | | 70-130 | 6 | | 30 |
| Chloroform | 103 | | 97 | | 70-130 | 6 | | 30 |
| Carbon tetrachloride | 100 | | 95 | | 70-130 | 5 | | 30 |
| 1,2-Dichloropropane | 108 | | 103 | | 70-130 | 5 | | 30 |
| Dibromochloromethane | 104 | | 101 | | 70-130 | 3 | | 30 |
| 1,1,2-Trichloroethane | 104 | | 102 | | 70-130 | 2 | | 30 |
| Tetrachloroethene | 105 | | 102 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 108 | | 104 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 103 | | 97 | | 70-139 | 6 | | 30 |
| 1,2-Dichloroethane | 103 | | 98 | | 70-130 | 5 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 97 | | 70-130 | 5 | | 30 |
| Bromodichloromethane | 101 | | 95 | | 70-130 | 6 | | 30 |
| trans-1,3-Dichloropropene | 103 | | 100 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 104 | | 99 | | 70-130 | 5 | | 30 |
| 1,1-Dichloropropene | 110 | | 104 | | 70-130 | 6 | | 30 |
| Bromoform | 85 | | 86 | | 70-130 | 1 | | 30 |
| 1,1,2,2-Tetrachloroethane | 110 | | 110 | | 70-130 | 0 | | 30 |
| Benzene | 108 | | 102 | | 70-130 | 6 | | 30 |
| Toluene | 108 | | 103 | | 70-130 | 5 | | 30 |
| Ethylbenzene | 111 | | 106 | | 70-130 | 5 | | 30 |
| Chloromethane | 89 | | 84 | | 52-130 | 6 | | 30 |
| Bromomethane | **160** | Q | 139 | | 57-147 | 14 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1416801-3 WG1416801-4 | | | | | | | | |
| Vinyl chloride | 106 | | 98 | | 67-130 | 8 | | 30 |
| Chloroethane | 119 | | 111 | | 50-151 | 7 | | 30 |
| 1,1-Dichloroethene | 100 | | 93 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 104 | | 96 | | 70-130 | 8 | | 30 |
| Trichloroethene | 110 | | 103 | | 70-130 | 7 | | 30 |
| 1,2-Dichlorobenzene | 109 | | 107 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 110 | | 106 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 108 | | 106 | | 70-130 | 2 | | 30 |
| Methyl tert butyl ether | 95 | | 93 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 110 | | 105 | | 70-130 | 5 | | 30 |
| o-Xylene | 108 | | 104 | | 70-130 | 4 | | 30 |
| cis-1,2-Dichloroethene | 104 | | 98 | | 70-130 | 6 | | 30 |
| Dibromomethane | 96 | | 92 | | 70-130 | 4 | | 30 |
| Styrene | 110 | | 106 | | 70-130 | 4 | | 30 |
| Dichlorodifluoromethane | 86 | | 80 | | 30-146 | 7 | | 30 |
| Acetone | 97 | | 99 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 104 | | 98 | | 59-130 | 6 | | 30 |
| 2-Butanone | 78 | | 82 | | 70-130 | 5 | | 30 |
| Vinyl acetate | 96 | | 92 | | 70-130 | 4 | | 30 |
| 4-Methyl-2-pentanone | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2,3-Trichloropropane | 109 | | 111 | | 68-130 | 2 | | 30 |
| 2-Hexanone | 91 | | 92 | | 70-130 | 1 | | 30 |
| Bromochloromethane | 97 | | 90 | | 70-130 | 7 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1416801-3 WG1416801-4 | | | | | | | | |
| 2,2-Dichloropropane | 99 | | 91 | | 70-130 | 8 | | 30 |
| 1,2-Dibromoethane | 102 | | 100 | | 70-130 | 2 | | 30 |
| 1,3-Dichloropropane | 106 | | 103 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 108 | | 106 | | 70-130 | 2 | | 30 |
| Bromobenzene | 103 | | 102 | | 70-130 | 1 | | 30 |
| n-Butylbenzene | 115 | | 112 | | 70-130 | 3 | | 30 |
| sec-Butylbenzene | 115 | | 113 | | 70-130 | 2 | | 30 |
| tert-Butylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| o-Chlorotoluene | 114 | | 114 | | 70-130 | 0 | | 30 |
| p-Chlorotoluene | 113 | | 110 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 91 | | 94 | | 68-130 | 3 | | 30 |
| Hexachlorobutadiene | 101 | | 103 | | 67-130 | 2 | | 30 |
| Isopropylbenzene | 114 | | 111 | | 70-130 | 3 | | 30 |
| p-Isopropyltoluene | 112 | | 109 | | 70-130 | 3 | | 30 |
| Naphthalene | 98 | | 102 | | 70-130 | 4 | | 30 |
| Acrylonitrile | 95 | | 93 | | 70-130 | 2 | | 30 |
| n-Propylbenzene | 116 | | 113 | | 70-130 | 3 | | 30 |
| 1,2,3-Trichlorobenzene | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2,4-Trichlorobenzene | 101 | | 101 | | 70-130 | 0 | | 30 |
| 1,3,5-Trimethylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| 1,2,4-Trimethylbenzene | 112 | | 110 | | 70-130 | 2 | | 30 |
| 1,4-Dioxane | 105 | | 112 | | 65-136 | 6 | | 30 |
| p-Diethylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1416801-3 WG1416801-4 | | | | | | | | |
| p-Ethyltoluene | 114 | | 112 | | 70-130 | 2 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 113 | | 110 | | 70-130 | 3 | | 30 |
| Ethyl ether | 102 | | 96 | | 67-130 | 6 | | 30 |
| trans-1,4-Dichloro-2-butene | 108 | | 106 | | 70-130 | 2 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 95 | | 94 | | 70-130 |
| Toluene-d8 | 102 | | 102 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 101 | | 70-130 |
| Dibromofluoromethane | 90 | | 89 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1416805-3 WG1416805-4 | | | | | | | | |
| Methylene chloride | 108 | | 100 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 109 | | 103 | | 70-130 | 6 | | 30 |
| Chloroform | 103 | | 97 | | 70-130 | 6 | | 30 |
| Carbon tetrachloride | 100 | | 95 | | 70-130 | 5 | | 30 |
| 1,2-Dichloropropane | 108 | | 103 | | 70-130 | 5 | | 30 |
| Dibromochloromethane | 104 | | 101 | | 70-130 | 3 | | 30 |
| 1,1,2-Trichloroethane | 104 | | 102 | | 70-130 | 2 | | 30 |
| Tetrachloroethene | 105 | | 102 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 108 | | 104 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 103 | | 97 | | 70-139 | 6 | | 30 |
| 1,2-Dichloroethane | 103 | | 98 | | 70-130 | 5 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 97 | | 70-130 | 5 | | 30 |
| Bromodichloromethane | 101 | | 95 | | 70-130 | 6 | | 30 |
| trans-1,3-Dichloropropene | 103 | | 100 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 104 | | 99 | | 70-130 | 5 | | 30 |
| 1,1-Dichloropropene | 110 | | 104 | | 70-130 | 6 | | 30 |
| Bromoform | 85 | | 86 | | 70-130 | 1 | | 30 |
| 1,1,2,2-Tetrachloroethane | 110 | | 110 | | 70-130 | 0 | | 30 |
| Benzene | 108 | | 102 | | 70-130 | 6 | | 30 |
| Toluene | 108 | | 103 | | 70-130 | 5 | | 30 |
| Ethylbenzene | 111 | | 106 | | 70-130 | 5 | | 30 |
| Chloromethane | 89 | | 84 | | 52-130 | 6 | | 30 |
| Bromomethane | **160** | Q | 139 | | 57-147 | 14 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1416805-3 WG1416805-4 | | | | | | | | |
| Vinyl chloride | 106 | | 98 | | 67-130 | 8 | | 30 |
| Chloroethane | 119 | | 111 | | 50-151 | 7 | | 30 |
| 1,1-Dichloroethene | 100 | | 93 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 104 | | 96 | | 70-130 | 8 | | 30 |
| Trichloroethene | 110 | | 103 | | 70-130 | 7 | | 30 |
| 1,2-Dichlorobenzene | 109 | | 107 | | 70-130 | 2 | | 30 |
| 1,3-Dichlorobenzene | 110 | | 106 | | 70-130 | 4 | | 30 |
| 1,4-Dichlorobenzene | 108 | | 106 | | 70-130 | 2 | | 30 |
| Methyl tert butyl ether | 95 | | 93 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 110 | | 105 | | 70-130 | 5 | | 30 |
| o-Xylene | 108 | | 104 | | 70-130 | 4 | | 30 |
| cis-1,2-Dichloroethene | 104 | | 98 | | 70-130 | 6 | | 30 |
| Dibromomethane | 96 | | 92 | | 70-130 | 4 | | 30 |
| Styrene | 110 | | 106 | | 70-130 | 4 | | 30 |
| Dichlorodifluoromethane | 86 | | 80 | | 30-146 | 7 | | 30 |
| Acetone | 97 | | 99 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 104 | | 98 | | 59-130 | 6 | | 30 |
| 2-Butanone | 78 | | 82 | | 70-130 | 5 | | 30 |
| Vinyl acetate | 96 | | 92 | | 70-130 | 4 | | 30 |
| 4-Methyl-2-pentanone | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2,3-Trichloropropane | 109 | | 111 | | 68-130 | 2 | | 30 |
| 2-Hexanone | 91 | | 92 | | 70-130 | 1 | | 30 |
| Bromochloromethane | 97 | | 90 | | 70-130 | 7 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1416805-3 WG1416805-4 | | | | | | | | |
| 2,2-Dichloropropane | 99 | | 91 | | 70-130 | 8 | | 30 |
| 1,2-Dibromoethane | 102 | | 100 | | 70-130 | 2 | | 30 |
| 1,3-Dichloropropane | 106 | | 103 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 108 | | 106 | | 70-130 | 2 | | 30 |
| Bromobenzene | 103 | | 102 | | 70-130 | 1 | | 30 |
| n-Butylbenzene | 115 | | 112 | | 70-130 | 3 | | 30 |
| sec-Butylbenzene | 115 | | 113 | | 70-130 | 2 | | 30 |
| tert-Butylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| o-Chlorotoluene | 114 | | 114 | | 70-130 | 0 | | 30 |
| p-Chlorotoluene | 113 | | 110 | | 70-130 | 3 | | 30 |
| 1,2-Dibromo-3-chloropropane | 91 | | 94 | | 68-130 | 3 | | 30 |
| Hexachlorobutadiene | 101 | | 103 | | 67-130 | 2 | | 30 |
| Isopropylbenzene | 114 | | 111 | | 70-130 | 3 | | 30 |
| p-Isopropyltoluene | 112 | | 109 | | 70-130 | 3 | | 30 |
| Naphthalene | 98 | | 102 | | 70-130 | 4 | | 30 |
| Acrylonitrile | 95 | | 93 | | 70-130 | 2 | | 30 |
| n-Propylbenzene | 116 | | 113 | | 70-130 | 3 | | 30 |
| 1,2,3-Trichlorobenzene | 100 | | 102 | | 70-130 | 2 | | 30 |
| 1,2,4-Trichlorobenzene | 101 | | 101 | | 70-130 | 0 | | 30 |
| 1,3,5-Trimethylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |
| 1,2,4-Trimethylbenzene | 112 | | 110 | | 70-130 | 2 | | 30 |
| 1,4-Dioxane | 105 | | 112 | | 65-136 | 6 | | 30 |
| p-Diethylbenzene | 112 | | 109 | | 70-130 | 3 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1416805-3 WG1416805-4 | | | | | | | | |
| p-Ethyltoluene | 114 | | 112 | | 70-130 | 2 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 113 | | 110 | | 70-130 | 3 | | 30 |
| Ethyl ether | 102 | | 96 | | 67-130 | 6 | | 30 |
| trans-1,4-Dichloro-2-butene | 108 | | 106 | | 70-130 | 2 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 95 | | 94 | | 70-130 |
| Toluene-d8 | 102 | | 102 | | 70-130 |
| 4-Bromofluorobenzene | 103 | | 101 | | 70-130 |
| Dibromofluoromethane | 90 | | 89 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1416924-3 WG1416924-4 | | | | | | | | |
| Methylene chloride | 107 | | 101 | | 70-130 | 6 | | 30 |
| 1,1-Dichloroethane | 113 | | 104 | | 70-130 | 8 | | 30 |
| Chloroform | 105 | | 102 | | 70-130 | 3 | | 30 |
| Carbon tetrachloride | 101 | | 94 | | 70-130 | 7 | | 30 |
| 1,2-Dichloropropane | 104 | | 100 | | 70-130 | 4 | | 30 |
| Dibromochloromethane | 98 | | 93 | | 70-130 | 5 | | 30 |
| 1,1,2-Trichloroethane | 112 | | 106 | | 70-130 | 6 | | 30 |
| Tetrachloroethene | 94 | | 91 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 96 | | 94 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 108 | | 98 | | 70-139 | 10 | | 30 |
| 1,2-Dichloroethane | 108 | | 100 | | 70-130 | 8 | | 30 |
| 1,1,1-Trichloroethane | 101 | | 98 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 98 | | 98 | | 70-130 | 0 | | 30 |
| trans-1,3-Dichloropropene | 114 | | 107 | | 70-130 | 6 | | 30 |
| cis-1,3-Dichloropropene | 103 | | 101 | | 70-130 | 2 | | 30 |
| 1,1-Dichloropropene | 113 | | 108 | | 70-130 | 5 | | 30 |
| Bromoform | 102 | | 94 | | 70-130 | 8 | | 30 |
| 1,1,2,2-Tetrachloroethane | 117 | | 110 | | 70-130 | 6 | | 30 |
| Benzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Toluene | 107 | | 104 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 104 | | 103 | | 70-130 | 1 | | 30 |
| Chloromethane | 107 | | 94 | | 52-130 | 13 | | 30 |
| Bromomethane | 136 | | 125 | | 57-147 | 8 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1416924-3 WG1416924-4 | | | | | | | | |
| Vinyl chloride | 117 | | 106 | | 67-130 | 10 | | 30 |
| Chloroethane | 110 | | 103 | | 50-151 | 7 | | 30 |
| 1,1-Dichloroethene | 112 | | 104 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 108 | | 104 | | 70-130 | 4 | | 30 |
| Trichloroethene | 100 | | 100 | | 70-130 | 0 | | 30 |
| 1,2-Dichlorobenzene | 96 | | 96 | | 70-130 | 0 | | 30 |
| 1,3-Dichlorobenzene | 100 | | 99 | | 70-130 | 1 | | 30 |
| 1,4-Dichlorobenzene | 98 | | 98 | | 70-130 | 0 | | 30 |
| Methyl tert butyl ether | 118 | | 105 | | 66-130 | 12 | | 30 |
| p/m-Xylene | 98 | | 98 | | 70-130 | 0 | | 30 |
| o-Xylene | 96 | | 97 | | 70-130 | 1 | | 30 |
| cis-1,2-Dichloroethene | 103 | | 100 | | 70-130 | 3 | | 30 |
| Dibromomethane | 103 | | 99 | | 70-130 | 4 | | 30 |
| Styrene | 99 | | 100 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 117 | | 102 | | 30-146 | 14 | | 30 |
| Acetone | 119 | | 92 | | 54-140 | 26 | | 30 |
| Carbon disulfide | 110 | | 102 | | 59-130 | 8 | | 30 |
| 2-Butanone | 101 | | 83 | | 70-130 | 20 | | 30 |
| Vinyl acetate | 106 | | 94 | | 70-130 | 12 | | 30 |
| 4-Methyl-2-pentanone | 117 | | 101 | | 70-130 | 15 | | 30 |
| 1,2,3-Trichloropropane | 123 | | 111 | | 68-130 | 10 | | 30 |
| 2-Hexanone | 106 | | 92 | | 70-130 | 14 | | 30 |
| Bromochloromethane | 99 | | 91 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1416924-3 WG1416924-4 | | | | | | | | |
| 2,2-Dichloropropane | 115 | | 107 | | 70-130 | 7 | | 30 |
| 1,2-Dibromoethane | 104 | | 98 | | 70-130 | 6 | | 30 |
| 1,3-Dichloropropane | 113 | | 107 | | 69-130 | 5 | | 30 |
| 1,1,1,2-Tetrachloroethane | 93 | | 89 | | 70-130 | 4 | | 30 |
| Bromobenzene | 99 | | 96 | | 70-130 | 3 | | 30 |
| n-Butylbenzene | 114 | | 115 | | 70-130 | 1 | | 30 |
| sec-Butylbenzene | 110 | | 110 | | 70-130 | 0 | | 30 |
| tert-Butylbenzene | 106 | | 106 | | 70-130 | 0 | | 30 |
| o-Chlorotoluene | 94 | | 94 | | 70-130 | 0 | | 30 |
| p-Chlorotoluene | 114 | | 113 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 99 | | 90 | | 68-130 | 10 | | 30 |
| Hexachlorobutadiene | 92 | | 94 | | 67-130 | 2 | | 30 |
| Isopropylbenzene | 112 | | 112 | | 70-130 | 0 | | 30 |
| p-Isopropyltoluene | 106 | | 105 | | 70-130 | 1 | | 30 |
| Naphthalene | 101 | | 97 | | 70-130 | 4 | | 30 |
| Acrylonitrile | 111 | | 96 | | 70-130 | 14 | | 30 |
| n-Propylbenzene | 117 | | 116 | | 70-130 | 1 | | 30 |
| 1,2,3-Trichlorobenzene | 93 | | 92 | | 70-130 | 1 | | 30 |
| 1,2,4-Trichlorobenzene | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,3,5-Trimethylbenzene | 109 | | 108 | | 70-130 | 1 | | 30 |
| 1,2,4-Trimethylbenzene | 109 | | 109 | | 70-130 | 0 | | 30 |
| 1,4-Dioxane | **147** | Q | 116 | | 65-136 | 24 | | 30 |
| p-Diethylbenzene | 106 | | 106 | | 70-130 | 0 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1416924-3 WG1416924-4 | | | | | | | | |
| p-Ethyltoluene | 111 | | 110 | | 70-130 | 1 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Ethyl ether | 118 | | 106 | | 67-130 | 11 | | 30 |
| trans-1,4-Dichloro-2-butene | 120 | | 108 | | 70-130 | 11 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 103 | | 70-130 |
| Toluene-d8 | 109 | | 106 | | 70-130 |
| 4-Bromofluorobenzene | 122 | | 118 | | 70-130 |
| Dibromofluoromethane | 102 | | 97 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1416977-3 WG1416977-4 | | | | | | | | |
| Methylene chloride | 107 | | 101 | | 70-130 | 6 | | 30 |
| 1,1-Dichloroethane | 113 | | 104 | | 70-130 | 8 | | 30 |
| Chloroform | 105 | | 102 | | 70-130 | 3 | | 30 |
| Carbon tetrachloride | 101 | | 94 | | 70-130 | 7 | | 30 |
| 1,2-Dichloropropane | 104 | | 100 | | 70-130 | 4 | | 30 |
| Dibromochloromethane | 98 | | 93 | | 70-130 | 5 | | 30 |
| 1,1,2-Trichloroethane | 112 | | 106 | | 70-130 | 6 | | 30 |
| Tetrachloroethene | 94 | | 91 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 96 | | 94 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 108 | | 98 | | 70-139 | 10 | | 30 |
| 1,2-Dichloroethane | 108 | | 100 | | 70-130 | 8 | | 30 |
| 1,1,1-Trichloroethane | 101 | | 98 | | 70-130 | 3 | | 30 |
| Bromodichloromethane | 98 | | 98 | | 70-130 | 0 | | 30 |
| trans-1,3-Dichloropropene | 114 | | 107 | | 70-130 | 6 | | 30 |
| cis-1,3-Dichloropropene | 103 | | 101 | | 70-130 | 2 | | 30 |
| 1,1-Dichloropropene | 113 | | 108 | | 70-130 | 5 | | 30 |
| Bromoform | 102 | | 94 | | 70-130 | 8 | | 30 |
| 1,1,2,2-Tetrachloroethane | 117 | | 110 | | 70-130 | 6 | | 30 |
| Benzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Toluene | 107 | | 104 | | 70-130 | 3 | | 30 |
| Ethylbenzene | 104 | | 103 | | 70-130 | 1 | | 30 |
| Chloromethane | 107 | | 94 | | 52-130 | 13 | | 30 |
| Bromomethane | 136 | | 125 | | 57-147 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1416977-3 WG1416977-4 | | | | | | | | |
| Vinyl chloride | 117 | | 106 | | 67-130 | 10 | | 30 |
| Chloroethane | 110 | | 103 | | 50-151 | 7 | | 30 |
| 1,1-Dichloroethene | 112 | | 104 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 108 | | 104 | | 70-130 | 4 | | 30 |
| Trichloroethene | 100 | | 100 | | 70-130 | 0 | | 30 |
| 1,2-Dichlorobenzene | 96 | | 96 | | 70-130 | 0 | | 30 |
| 1,3-Dichlorobenzene | 100 | | 99 | | 70-130 | 1 | | 30 |
| 1,4-Dichlorobenzene | 98 | | 98 | | 70-130 | 0 | | 30 |
| Methyl tert butyl ether | 118 | | 105 | | 66-130 | 12 | | 30 |
| p/m-Xylene | 98 | | 98 | | 70-130 | 0 | | 30 |
| o-Xylene | 96 | | 97 | | 70-130 | 1 | | 30 |
| cis-1,2-Dichloroethene | 103 | | 100 | | 70-130 | 3 | | 30 |
| Dibromomethane | 103 | | 99 | | 70-130 | 4 | | 30 |
| Styrene | 99 | | 100 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 117 | | 102 | | 30-146 | 14 | | 30 |
| Acetone | 119 | | 92 | | 54-140 | 26 | | 30 |
| Carbon disulfide | 110 | | 102 | | 59-130 | 8 | | 30 |
| 2-Butanone | 101 | | 83 | | 70-130 | 20 | | 30 |
| Vinyl acetate | 106 | | 94 | | 70-130 | 12 | | 30 |
| 4-Methyl-2-pentanone | 117 | | 101 | | 70-130 | 15 | | 30 |
| 1,2,3-Trichloropropane | 123 | | 111 | | 68-130 | 10 | | 30 |
| 2-Hexanone | 106 | | 92 | | 70-130 | 14 | | 30 |
| Bromochloromethane | 99 | | 91 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1416977-3 WG1416977-4 | | | | | | | | |
| 2,2-Dichloropropane | 115 | | 107 | | 70-130 | 7 | | 30 |
| 1,2-Dibromoethane | 104 | | 98 | | 70-130 | 6 | | 30 |
| 1,3-Dichloropropane | 113 | | 107 | | 69-130 | 5 | | 30 |
| 1,1,1,2-Tetrachloroethane | 93 | | 89 | | 70-130 | 4 | | 30 |
| Bromobenzene | 99 | | 96 | | 70-130 | 3 | | 30 |
| n-Butylbenzene | 114 | | 115 | | 70-130 | 1 | | 30 |
| sec-Butylbenzene | 110 | | 110 | | 70-130 | 0 | | 30 |
| tert-Butylbenzene | 106 | | 106 | | 70-130 | 0 | | 30 |
| o-Chlorotoluene | 94 | | 94 | | 70-130 | 0 | | 30 |
| p-Chlorotoluene | 114 | | 113 | | 70-130 | 1 | | 30 |
| 1,2-Dibromo-3-chloropropane | 99 | | 90 | | 68-130 | 10 | | 30 |
| Hexachlorobutadiene | 92 | | 94 | | 67-130 | 2 | | 30 |
| Isopropylbenzene | 112 | | 112 | | 70-130 | 0 | | 30 |
| p-Isopropyltoluene | 106 | | 105 | | 70-130 | 1 | | 30 |
| Naphthalene | 101 | | 97 | | 70-130 | 4 | | 30 |
| Acrylonitrile | 111 | | 96 | | 70-130 | 14 | | 30 |
| n-Propylbenzene | 117 | | 116 | | 70-130 | 1 | | 30 |
| 1,2,3-Trichlorobenzene | 93 | | 92 | | 70-130 | 1 | | 30 |
| 1,2,4-Trichlorobenzene | 96 | | 95 | | 70-130 | 1 | | 30 |
| 1,3,5-Trimethylbenzene | 109 | | 108 | | 70-130 | 1 | | 30 |
| 1,2,4-Trimethylbenzene | 109 | | 109 | | 70-130 | 0 | | 30 |
| 1,4-Dioxane | **147** | Q | 116 | | 65-136 | 24 | | 30 |
| p-Diethylbenzene | 106 | | 106 | | 70-130 | 0 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1416977-3 WG1416977-4 | | | | | | | | |
| p-Ethyltoluene | 111 | | 110 | | 70-130 | 1 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 104 | | 102 | | 70-130 | 2 | | 30 |
| Ethyl ether | 118 | | 106 | | 67-130 | 11 | | 30 |
| trans-1,4-Dichloro-2-butene | 120 | | 108 | | 70-130 | 11 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | | 103 | | 70-130 |
| Toluene-d8 | 109 | | 106 | | 70-130 |
| 4-Bromofluorobenzene | 122 | | 118 | | 70-130 |
| Dibromofluoromethane | 102 | | 97 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1417031-3 WG1417031-4 | | | | | | | | |
| Methylene chloride | 96 | | 94 | | 70-130 | 2 | | 20 |
| 1,1-Dichloroethane | 96 | | 89 | | 70-130 | 8 | | 20 |
| Chloroform | 93 | | 92 | | 70-130 | 1 | | 20 |
| Carbon tetrachloride | 91 | | 87 | | 63-132 | 4 | | 20 |
| 1,2-Dichloropropane | 94 | | 93 | | 70-130 | 1 | | 20 |
| Dibromochloromethane | 92 | | 90 | | 63-130 | 2 | | 20 |
| 1,1,2-Trichloroethane | 94 | | 90 | | 70-130 | 4 | | 20 |
| Tetrachloroethene | 94 | | 92 | | 70-130 | 2 | | 20 |
| Chlorobenzene | 99 | | 96 | | 75-130 | 3 | | 20 |
| Trichlorofluoromethane | 94 | | 92 | | 62-150 | 2 | | 20 |
| 1,2-Dichloroethane | 96 | | 90 | | 70-130 | 6 | | 20 |
| 1,1,1-Trichloroethane | 88 | | 92 | | 67-130 | 4 | | 20 |
| Bromodichloromethane | 90 | | 92 | | 67-130 | 2 | | 20 |
| trans-1,3-Dichloropropene | 91 | | 90 | | 70-130 | 1 | | 20 |
| cis-1,3-Dichloropropene | 89 | | 90 | | 70-130 | 1 | | 20 |
| 1,1-Dichloropropene | 92 | | 87 | | 70-130 | 6 | | 20 |
| Bromoform | 88 | | 90 | | 54-136 | 2 | | 20 |
| 1,1,2,2-Tetrachloroethane | 89 | | 93 | | 67-130 | 4 | | 20 |
| Benzene | 95 | | 93 | | 70-130 | 2 | | 20 |
| Toluene | 95 | | 91 | | 70-130 | 4 | | 20 |
| Ethylbenzene | 99 | | 94 | | 70-130 | 5 | | 20 |
| Chloromethane | 99 | | 95 | | 64-130 | 4 | | 20 |
| Bromomethane | 100 | | 99 | | 39-139 | 1 | | 20 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1417031-3 WG1417031-4 | | | | | | | | |
| Vinyl chloride | 95 | | 95 | | 55-140 | 0 | | 20 |
| Chloroethane | 100 | | 100 | | 55-138 | 0 | | 20 |
| 1,1-Dichloroethene | 91 | | 90 | | 61-145 | 1 | | 20 |
| trans-1,2-Dichloroethene | 90 | | 90 | | 70-130 | 0 | | 20 |
| Trichloroethene | 92 | | 92 | | 70-130 | 0 | | 20 |
| 1,2-Dichlorobenzene | 97 | | 96 | | 70-130 | 1 | | 20 |
| 1,3-Dichlorobenzene | 98 | | 96 | | 70-130 | 2 | | 20 |
| 1,4-Dichlorobenzene | 96 | | 94 | | 70-130 | 2 | | 20 |
| Methyl tert butyl ether | 86 | | 87 | | 63-130 | 1 | | 20 |
| p/m-Xylene | 100 | | 100 | | 70-130 | 0 | | 20 |
| o-Xylene | 100 | | 95 | | 70-130 | 5 | | 20 |
| cis-1,2-Dichloroethene | 93 | | 88 | | 70-130 | 6 | | 20 |
| Dibromomethane | 92 | | 94 | | 70-130 | 2 | | 20 |
| 1,2,3-Trichloropropane | 92 | | 92 | | 64-130 | 0 | | 20 |
| Acrylonitrile | 94 | | 93 | | 70-130 | 1 | | 20 |
| Styrene | 105 | | 100 | | 70-130 | 5 | | 20 |
| Dichlorodifluoromethane | 93 | | 90 | | 36-147 | 3 | | 20 |
| Acetone | 86 | | 89 | | 58-148 | 3 | | 20 |
| Carbon disulfide | 90 | | 88 | | 51-130 | 2 | | 20 |
| 2-Butanone | 95 | | 94 | | 63-138 | 1 | | 20 |
| Vinyl acetate | 85 | | 85 | | 70-130 | 0 | | 20 |
| 4-Methyl-2-pentanone | 84 | | 84 | | 59-130 | 0 | | 20 |
| 2-Hexanone | 78 | | 82 | | 57-130 | 5 | | 20 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1417031-3 WG1417031-4 | | | | | | | | |
| Bromochloromethane | 96 | | 94 | | 70-130 | 2 | | 20 |
| 2,2-Dichloropropane | 95 | | 93 | | 63-133 | 2 | | 20 |
| 1,2-Dibromoethane | 94 | | 89 | | 70-130 | 5 | | 20 |
| 1,3-Dichloropropane | 94 | | 91 | | 70-130 | 3 | | 20 |
| 1,1,1,2-Tetrachloroethane | 92 | | 91 | | 64-130 | 1 | | 20 |
| Bromobenzene | 96 | | 95 | | 70-130 | 1 | | 20 |
| n-Butylbenzene | 95 | | 93 | | 53-136 | 2 | | 20 |
| sec-Butylbenzene | 97 | | 96 | | 70-130 | 1 | | 20 |
| tert-Butylbenzene | 85 | | 82 | | 70-130 | 4 | | 20 |
| o-Chlorotoluene | 99 | | 98 | | 70-130 | 1 | | 20 |
| p-Chlorotoluene | 97 | | 96 | | 70-130 | 1 | | 20 |
| 1,2-Dibromo-3-chloropropane | 81 | | 86 | | 41-144 | 6 | | 20 |
| Hexachlorobutadiene | 95 | | 90 | | 63-130 | 5 | | 20 |
| Isopropylbenzene | 99 | | 96 | | 70-130 | 3 | | 20 |
| p-Isopropyltoluene | 98 | | 94 | | 70-130 | 4 | | 20 |
| Naphthalene | 78 | | 78 | | 70-130 | 0 | | 20 |
| n-Propylbenzene | 100 | | 96 | | 69-130 | 4 | | 20 |
| 1,2,3-Trichlorobenzene | 86 | | 87 | | 70-130 | 1 | | 20 |
| 1,2,4-Trichlorobenzene | 88 | | 88 | | 70-130 | 0 | | 20 |
| 1,3,5-Trimethylbenzene | 100 | | 97 | | 64-130 | 3 | | 20 |
| 1,2,4-Trimethylbenzene | 99 | | 96 | | 70-130 | 3 | | 20 |
| 1,4-Dioxane | 88 | | 82 | | 56-162 | 7 | | 20 |
| p-Diethylbenzene | 95 | | 90 | | 70-130 | 5 | | 20 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG1417031-3 WG1417031-4 | | | | | | | | |
| p-Ethyltoluene | 97 | | 95 | | 70-130 | 2 | | 20 |
| 1,2,4,5-Tetramethylbenzene | 88 | | 84 | | 70-130 | 5 | | 20 |
| Ethyl ether | 92 | | 88 | | 59-134 | 4 | | 20 |
| trans-1,4-Dichloro-2-butene | 89 | | 96 | | 70-130 | 8 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 99 | | 70-130 |
| Toluene-d8 | 102 | | 101 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 101 | | 70-130 |
| Dibromofluoromethane | 100 | | 97 | | 70-130 |

# SEMIVOLATILES

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/30/20 15:21
Analyst: JRW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:33

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 33. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01 Date Collected: 09/24/20 13:15

Client ID: SB-1 (7'-8') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 43. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 69. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 880 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 88. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 29. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01 Date Collected: 09/24/20 13:15

Client ID: SB-1 (7'-8') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Benzoic Acid | ND | | ug/kg | 600 | 190 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 56. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 28 | 8.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 92 | | 25-120 |
| Phenol-d6 | 96 | | 10-120 |
| Nitrobenzene-d5 | 94 | | 23-120 |
| 2-Fluorobiphenyl | 96 | | 30-120 |
| 2,4,6-Tribromophenol | 95 | | 10-136 |
| 4-Terphenyl-d14 | 95 | | 18-120 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/30/20 14:37
Analyst: JRW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 190 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 190 | 33. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 190 | 32. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 190 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 50. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 650 | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 63. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 190 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | 97 | J | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | 540 | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | 1100 | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | 110 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 43. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 77. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | 4000 | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 87. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Benzoic Acid | ND | | ug/kg | 600 | 190 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 190 | 57. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 28 | 8.6 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 25200 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 1370 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 2680 | J | ug/kg | | | 1 |
| Unknown Alkane | 1250 | J | ug/kg | | | 1 |
| Unknown Alkane | 1150 | J | ug/kg | | | 1 |
| Unknown | 1260 | J | ug/kg | | | 1 |
| Unknown | 1320 | J | ug/kg | | | 1 |
| Unknown | 2220 | J | ug/kg | | | 1 |
| Unknown PAH | 2010 | J | ug/kg | | | 1 |
| Unknown | 1250 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 1390 | J | ug/kg | | | 1 |
| Cyclic Octaatomic Sulfur | 2680 | NJ | ug/kg | | | 1 |
| Unknown Naphthalene | 2580 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 1210 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 1370 | J | ug/kg | | | 1 |
| Unknown | 1470 | J | ug/kg | | | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

**SAMPLE RESULTS**

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 93 | | 25-120 |
| Phenol-d6 | 89 | | 10-120 |
| Nitrobenzene-d5 | 88 | | 23-120 |
| 2-Fluorobiphenyl | 87 | | 30-120 |
| 2,4,6-Tribromophenol | 109 | | 10-136 |
| 4-Terphenyl-d14 | 91 | | 18-120 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/30/20 14:59
Analyst: JRW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 22 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | 9200 | E | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | 93 | J | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 160 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | 61 | J | ug/kg | 110 | 18. | 1 |
| Biphenyl | 89 | J | ug/kg | 410 | 42. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 7200 | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 860 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 86. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Benzoic Acid | ND | | ug/kg | 580 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 55. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 27 | 8.3 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 352000 | J | ug/kg | | | 1 |
| Unknown Alkane | 7830 | J | ug/kg | | | 1 |
| Unknown | 9410 | J | ug/kg | | | 1 |
| Unknown | 28900 | J | ug/kg | | | 1 |
| Unknown Benzene | 22000 | J | ug/kg | | | 1 |
| Benzene, Propyl- | 17400 | NJ | ug/kg | | | 1 |
| Unknown | 15100 | J | ug/kg | | | 1 |
| Unknown Benzene | 10200 | J | ug/kg | | | 1 |
| Ethylbenzene | 27600 | NJ | ug/kg | | | 1 |
| Unknown | 35900 | J | ug/kg | | | 1 |
| Unknown Benzene | 21100 | J | ug/kg | | | 1 |
| Unknown Benzene | 49800 | J | ug/kg | | | 1 |
| Unknown Benzene | 7310 | J | ug/kg | | | 1 |
| Unknown Benzene | 27000 | J | ug/kg | | | 1 |
| Unknown Benzene | 63000 | J | ug/kg | | | 1 |
| Indane | 9790 | NJ | ug/kg | | | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

**SAMPLE RESULTS**

Lab ID: L2040743-03 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 91 | | 25-120 |
| Phenol-d6 | 90 | | 10-120 |
| Nitrobenzene-d5 | 84 | | 23-120 |
| 2-Fluorobiphenyl | 87 | | 30-120 |
| 2,4,6-Tribromophenol | 110 | | 10-136 |
| 4-Terphenyl-d14 | 91 | | 18-120 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 D
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/02/20 11:41
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Naphthalene | 12000 | | ug/kg | 900 | 110 | 5 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/30/20 14:14
Analyst: JRW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 75 | J | ug/kg | 160 | 20. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 200 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 19. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 200 | 35. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 200 | 34. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 200 | 34. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | 1500 | | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | 39 | J | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 68. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 66. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04 Date Collected: 09/25/20 12:45

Client ID: SB-4 (1'-2') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 41. | 1 |
| Benzo(a)anthracene | 760 | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | 800 | | ug/kg | 160 | 48. | 1 |
| Benzo(b)fluoranthene | 1000 | | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | 370 | | ug/kg | 120 | 31. | 1 |
| Chrysene | 690 | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | 34 | J | ug/kg | 160 | 30. | 1 |
| Anthracene | 200 | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | 540 | | ug/kg | 160 | 23. | 1 |
| Fluorene | 59 | J | ug/kg | 200 | 19. | 1 |
| Phenanthrene | 890 | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | 120 | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | 530 | | ug/kg | 160 | 27. | 1 |
| Pyrene | 1300 | | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 45. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 81. | 1 |
| Dibenzofuran | 38 | J | ug/kg | 200 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 80. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 940 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 510 | 94. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 200 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04 Date Collected: 09/25/20 12:45

Client ID: SB-4 (1'-2') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 37. | 1 |
| Benzoic Acid | ND | | ug/kg | 630 | 200 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 200 | 60. | 1 |
| Carbazole | 130 | J | ug/kg | 200 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 29 | 9.0 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 2350 | J | ug/kg | | | 1 |
| Unknown | 193 | J | ug/kg | | | 1 |
| Unknown | 299 | J | ug/kg | | | 1 |
| Unknown PAH | 198 | J | ug/kg | | | 1 |
| Unknown | 172 | J | ug/kg | | | 1 |
| Unknown | 190 | J | ug/kg | | | 1 |
| Unknown | 338 | J | ug/kg | | | 1 |
| Unknown PAH | 196 | J | ug/kg | | | 1 |
| Unknown | 334 | J | ug/kg | | | 1 |
| Unknown PAH | 258 | J | ug/kg | | | 1 |
| Unknown PAH | 176 | J | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 87 | | 25-120 |
| Phenol-d6 | 87 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 87 | | 30-120 |
| 2,4,6-Tribromophenol | 94 | | 10-136 |
| 4-Terphenyl-d14 | 89 | | 18-120 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/30/20 10:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 19:04

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05 Date Collected: 09/24/20 10:30

Client ID: GW-1 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |

| Tentatively Identified Compounds | | | | | | |
|---|---|---|---|---|---|---|
| Total TIC Compounds | 6.33 | J | ug/l | | | 1 |
| Unknown Organic Acid | 2.73 | J | ug/l | | | 1 |
| Unknown | 1.93 | J | ug/l | | | 1 |
| Unknown | 1.67 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 40 | | 21-120 |
| Phenol-d6 | 38 | | 10-120 |
| Nitrobenzene-d5 | 58 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 15-120 |
| 2,4,6-Tribromophenol | 54 | | 10-120 |
| 4-Terphenyl-d14 | 71 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 19:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 19:01

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.02 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.04 | J | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.02 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

**SAMPLE RESULTS**

Lab ID: L2040743-05 Date Collected: 09/24/20 10:30

Client ID: GW-1 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 39 | | 21-120 |
| Phenol-d6 | 36 | | 10-120 |
| Nitrobenzene-d5 | 60 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 47 | | 10-120 |
| 4-Terphenyl-d14 | 73 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/30/20 03:01
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 83.6 | J | ug/l | | | 1 |
| Unknown | 5.05 | J | ug/l | | | 1 |
| Unknown Benzothiazolone | 6.22 | J | ug/l | | | 1 |
| Unknown Cycloalkane | 34.9 | J | ug/l | | | 1 |
| Unknown Organic Acid | 2.80 | J | ug/l | | | 1 |
| Unknown | 2.54 | J | ug/l | | | 1 |
| Unknown Organic Acid | 2.33 | J | ug/l | | | 1 |
| Unknown | 1.89 | J | ug/l | | | 1 |
| Unknown | 2.11 | J | ug/l | | | 1 |
| Unknown | 2.44 | J | ug/l | | | 1 |
| Unknown | 3.38 | J | ug/l | | | 1 |
| Unknown | 2.29 | J | ug/l | | | 1 |
| Unknown | 2.98 | J | ug/l | | | 1 |
| Unknown | 5.05 | J | ug/l | | | 1 |
| Unknown | 4.58 | J | ug/l | | | 1 |
| Unknown | 5.05 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 48 | | 21-120 |
| Phenol-d6 | 48 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 89 | | 10-120 |
| 4-Terphenyl-d14 | 93 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 20:02
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.60 | | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | 0.30 | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | 0.29 | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | 0.38 | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | 0.16 | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | 0.29 | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | 0.06 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | 0.18 | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.08 | J | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | 0.04 | J | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | 0.21 | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.60 | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 42 | | 21-120 |
| Phenol-d6 | 41 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 59 | | 10-120 |
| 4-Terphenyl-d14 | 88 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/30/20 03:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07 Date Collected: 09/24/20 10:30

Client ID: GW-3 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |

| Tentatively Identified Compounds | | | | | | |
|---|---|---|---|---|---|---|
| Total TIC Compounds | 16.6 | J | ug/l | | | 1 |
| Unknown | 2.33 | J | ug/l | | | 1 |
| Unknown Organic Acid | 2.54 | J | ug/l | | | 1 |
| Unknown Organic Acid | 11.7 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 48 | | 21-120 |
| Phenol-d6 | 44 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 23-120 |
| 2-Fluorobiphenyl | 68 | | 15-120 |
| 2,4,6-Tribromophenol | 100 | | 10-120 |
| 4-Terphenyl-d14 | 89 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 20:22
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.04 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | 0.04 | J | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | 0.03 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | 0.02 | J | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | 0.03 | J | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | 0.02 | J | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.02 | J | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | 0.02 | J | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.04 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.02 | J | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07 Date Collected: 09/24/20 10:30

Client ID: GW-3 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 47 | | 21-120 |
| Phenol-d6 | 41 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 76 | | 15-120 |
| 2,4,6-Tribromophenol | 77 | | 10-120 |
| 4-Terphenyl-d14 | 85 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/30/20 03:47
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | 4.5 | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | 1.2 | J | ug/l | 2.0 | 0.49 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 1170 | J | ug/l | | | 1 |
| Naphthalene, 1-methyl- | 154 | NJ | ug/l | | | 1 |
| Indane | 156 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 77.7 | J | ug/l | | | 1 |
| Unknown | 65.4 | J | ug/l | | | 1 |
| Unknown Benzene | 33.9 | J | ug/l | | | 1 |
| Unknown Naphthalene | 39.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 46.1 | J | ug/l | | | 1 |
| Naphthalene, 2-methyl- | 242 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 50.6 | J | ug/l | | | 1 |
| Unknown Naphthalene | 54.6 | J | ug/l | | | 1 |
| Benzene, Propyl- | 63.4 | NJ | ug/l | | | 1 |
| Unknown | 34.6 | J | ug/l | | | 1 |
| Unknown | 88.3 | J | ug/l | | | 1 |
| Unknown Naphthalene | 31.5 | J | ug/l | | | 1 |
| Unknown Naphthalene | 33.4 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 54 | | 21-120 |
| Phenol-d6 | 51 | | 10-120 |
| Nitrobenzene-d5 | 74 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 15-120 |
| 2,4,6-Tribromophenol | 111 | | 10-120 |
| 4-Terphenyl-d14 | 87 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 20:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | 4.2 | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.18 | | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 7.8 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | 1.2 | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | 0.60 | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 11 | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 15 | | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.99 | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 240 | E | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 46 | | 10-120 |
| Nitrobenzene-d5 | 92 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 15-120 |
| 2,4,6-Tribromophenol | 95 | | 10-120 |
| 4-Terphenyl-d14 | 85 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/03/20 02:46
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/01/20 09:00

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | | | | | | |
| 1,4-Dioxane | ND | | ng/l | 170 | 38.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 36 | | 15-110 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/05/20 18:57
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/04/20 15:10

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 3.02 | | ng/l | 2.42 | 0.493 | 1 |
| Perfluoropentanoic Acid (PFPeA) | 6.69 | | ng/l | 2.42 | 0.478 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | 1.99 | J | ng/l | 2.42 | 0.288 | 1 |
| Perfluorohexanoic Acid (PFHxA) | 4.48 | | ng/l | 2.42 | 0.396 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | 3.03 | | ng/l | 2.42 | 0.272 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | 1.09 | J | ng/l | 2.42 | 0.454 | 1 |
| Perfluorooctanoic Acid (PFOA) | 6.34 | | ng/l | 2.42 | 0.285 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 2.42 | 1.61 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 2.42 | 0.831 | 1 |
| Perfluorononanoic Acid (PFNA) | 1.12 | J | ng/l | 2.42 | 0.377 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | 9.85 | | ng/l | 2.42 | 0.609 | 1 |
| Perfluorodecanoic Acid (PFDA) | 0.391 | J | ng/l | 2.42 | 0.367 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 2.42 | 1.46 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 2.42 | 0.783 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 2.42 | 0.314 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 2.42 | 1.18 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 2.42 | 0.701 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 2.42 | 0.971 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 2.42 | 0.449 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 2.42 | 0.395 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 2.42 | 0.300 | 1 |
| PFOA/PFOS, Total | 16.2 | | ng/l | 2.42 | 0.285 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 89 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 88 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 90 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 66 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 75 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 87 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 85 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 134 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 86 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 85 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 71 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 122 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 68 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 83 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 38 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 81 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 74 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 45 | | 33-143 |

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 D
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/01/20 14:25
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |
| 2-Methylnaphthalene | 280 | | ug/l | 0.50 | 0.11 | 5 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/30/20 22:33
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/30/20 00:02

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 242 | J | ug/l | | | 1 |
| Unknown Naphthalene | 6.40 | J | ug/l | | | 1 |
| Unknown | 5.31 | J | ug/l | | | 1 |
| Unknown | 6.33 | J | ug/l | | | 1 |
| Unknown | 4.80 | J | ug/l | | | 1 |
| Unknown | 7.42 | J | ug/l | | | 1 |
| Naphthalene, 2-methyl- | 15.0 | NJ | ug/l | | | 1 |
| Unknown | 14.3 | J | ug/l | | | 1 |
| Naphthalene, 1-methyl- | 22.7 | NJ | ug/l | | | 1 |
| Unknown Organic Acid | 83.3 | J | ug/l | | | 1 |
| Unknown | 5.78 | J | ug/l | | | 1 |
| Unknown | 12.0 | J | ug/l | | | 1 |
| Unknown Naphthalene | 10.3 | J | ug/l | | | 1 |
| Unknown | 7.89 | J | ug/l | | | 1 |
| Unknown Organic Acid | 5.56 | J | ug/l | | | 1 |
| Unknown Organic Acid | 35.2 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 76 | | 21-120 |
| Phenol-d6 | 70 | | 10-120 |
| Nitrobenzene-d5 | 94 | | 23-120 |
| 2-Fluorobiphenyl | 86 | | 15-120 |
| 2,4,6-Tribromophenol | **125** | Q | 10-120 |
| 4-Terphenyl-d14 | 99 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 16:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/30/20 00:04

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | 1.0 | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 0.23 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | 0.26 | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | 0.21 | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 1.6 | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 1.1 | | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.06 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 14 | | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 73 | | 21-120 |
| Phenol-d6 | 69 | | 10-120 |
| Nitrobenzene-d5 | 92 | | 23-120 |
| 2-Fluorobiphenyl | 89 | | 15-120 |
| 2,4,6-Tribromophenol | 116 | | 10-120 |
| 4-Terphenyl-d14 | 97 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/03/20 03:28
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/01/20 09:00

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | | | | | | |
| 1,4-Dioxane | 254. | | ng/l | 156 | 35.3 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 35 | | 15-110 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/05/20 19:30
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/04/20 15:10

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 31.4 | | ng/l | 1.79 | 0.365 | 1 |
| Perfluoropentanoic Acid (PFPeA) | 58.2 | | ng/l | 1.79 | 0.354 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | 25.1 | F | ng/l | 1.79 | 0.213 | 1 |
| Perfluorohexanoic Acid (PFHxA) | 28.3 | | ng/l | 1.79 | 0.293 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | 19.5 | | ng/l | 1.79 | 0.201 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | 4.41 | | ng/l | 1.79 | 0.336 | 1 |
| Perfluorooctanoic Acid (PFOA) | 57.6 | | ng/l | 1.79 | 0.211 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 1.79 | 1.19 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 1.79 | 0.615 | 1 |
| Perfluorononanoic Acid (PFNA) | 4.34 | | ng/l | 1.79 | 0.279 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | 41.0 | | ng/l | 1.79 | 0.450 | 1 |
| Perfluorodecanoic Acid (PFDA) | 1.66 | J | ng/l | 1.79 | 0.272 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 1.79 | 1.08 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 1.79 | 0.579 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 1.79 | 0.232 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 1.79 | 0.876 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 1.79 | 0.518 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 1.79 | 0.719 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 1.79 | 0.332 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 1.79 | 0.292 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 1.79 | 0.222 | 1 |
| PFOA/PFOS, Total | 98.6 | | ng/l | 1.79 | 0.211 | 1 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 30 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 20 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | **26** | Q | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | **16** | Q | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | **21** | Q | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | **24** | Q | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | **24** | Q | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 33 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | **29** | Q | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | **24** | Q | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | **22** | Q | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 34 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 21 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | **29** | Q | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 11 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 28 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 25 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | **25** | Q | 33-143 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 14:01
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:33

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1415324-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 160 | 19. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene | ND | | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene | ND | | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 17. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 22. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 14:01
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:33

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1415324-1 | | | | | |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 19. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 26. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 38. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 68. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 55. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 14:01
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 09/28/20 08:33

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1415324-1 | | | | | |
| 4-Nitrophenol | ND | | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol | ND | | ug/kg | 800 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 80. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Benzoic Acid | ND | | ug/kg | 540 | 170 |
| Benzyl Alcohol | ND | | ug/kg | 160 | 51. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| 1,4-Dioxane | ND | | ug/kg | 25 | 7.6 |
| Tentatively Identified Compounds | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 94 | | 25-120 |
| Phenol-d6 | 97 | | 10-120 |
| Nitrobenzene-d5 | 106 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 30-120 |
| 2,4,6-Tribromophenol | 83 | | 10-136 |
| 4-Terphenyl-d14 | 90 | | 18-120 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 09:39
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 00:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1415653-1 | | | | | |
| Acenaphthene | ND | | ug/l | 2.0 | 0.44 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobenzene | ND | | ug/l | 2.0 | 0.46 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 |
| 2-Chloronaphthalene | ND | | ug/l | 2.0 | 0.44 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 |
| Fluoranthene | ND | | ug/l | 2.0 | 0.26 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobutadiene | ND | | ug/l | 2.0 | 0.66 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 |
| Hexachloroethane | ND | | ug/l | 2.0 | 0.58 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 |
| Naphthalene | ND | | ug/l | 2.0 | 0.46 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 09:39
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 00:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1415653-1 | | | | | |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 |
| Benzo(a)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Benzo(a)pyrene | ND | | ug/l | 2.0 | 0.41 |
| Benzo(b)fluoranthene | ND | | ug/l | 2.0 | 0.35 |
| Benzo(k)fluoranthene | ND | | ug/l | 2.0 | 0.37 |
| Chrysene | ND | | ug/l | 2.0 | 0.34 |
| Acenaphthylene | ND | | ug/l | 2.0 | 0.46 |
| Anthracene | ND | | ug/l | 2.0 | 0.33 |
| Benzo(ghi)perylene | ND | | ug/l | 2.0 | 0.30 |
| Fluorene | ND | | ug/l | 2.0 | 0.41 |
| Phenanthrene | ND | | ug/l | 2.0 | 0.33 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 2.0 | 0.40 |
| Pyrene | ND | | ug/l | 2.0 | 0.28 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 |
| 2-Methylnaphthalene | ND | | ug/l | 2.0 | 0.45 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/29/20 09:39
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 00:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1415653-1 | | | | | |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 |
| Pentachlorophenol | ND | | ug/l | 10 | 1.8 |
| Phenol | ND | | ug/l | 5.0 | 0.57 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 4.51 | J | ug/l |
| Unknown | 4.51 | J | ug/l |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 67 | | 21-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 73 | | 23-120 |
| 2-Fluorobiphenyl | 88 | | 15-120 |
| 2,4,6-Tribromophenol | 88 | | 10-120 |
| 4-Terphenyl-d14 | 90 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/29/20 18:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 00:37

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1415654-1 | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 |
| Fluoranthene | 0.02 | J | ug/l | 0.10 | 0.02 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 |
| Benzo(a)anthracene | 0.02 | J | ug/l | 0.10 | 0.02 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(b)fluoranthene | 0.02 | J | ug/l | 0.10 | 0.01 |
| Benzo(k)fluoranthene | 0.01 | J | ug/l | 0.10 | 0.01 |
| Chrysene | 0.02 | J | ug/l | 0.10 | 0.01 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 |
| Phenanthrene | 0.02 | J | ug/l | 0.10 | 0.02 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 |
| Pyrene | 0.02 | J | ug/l | 0.10 | 0.02 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.02 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/29/20 18:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 00:37

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1415654-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 62 | | 21-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 82 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 15-120 |
| 2,4,6-Tribromophenol | 82 | | 10-120 |
| 4-Terphenyl-d14 | 81 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/30/20 01:08
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG1415913-1 | | | | | |
| Acenaphthene | ND | | ug/l | 2.0 | 0.44 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobenzene | ND | | ug/l | 2.0 | 0.46 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 |
| 2-Chloronaphthalene | ND | | ug/l | 2.0 | 0.44 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 |
| Fluoranthene | ND | | ug/l | 2.0 | 0.26 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobutadiene | ND | | ug/l | 2.0 | 0.66 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 |
| Hexachloroethane | ND | | ug/l | 2.0 | 0.58 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 |
| Naphthalene | ND | | ug/l | 2.0 | 0.46 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/30/20 01:08
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG1415913-1 | | | | | |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 |
| Benzo(a)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Benzo(a)pyrene | ND | | ug/l | 2.0 | 0.41 |
| Benzo(b)fluoranthene | ND | | ug/l | 2.0 | 0.35 |
| Benzo(k)fluoranthene | ND | | ug/l | 2.0 | 0.37 |
| Chrysene | ND | | ug/l | 2.0 | 0.34 |
| Acenaphthylene | ND | | ug/l | 2.0 | 0.46 |
| Anthracene | ND | | ug/l | 2.0 | 0.33 |
| Benzo(ghi)perylene | ND | | ug/l | 2.0 | 0.30 |
| Fluorene | ND | | ug/l | 2.0 | 0.41 |
| Phenanthrene | ND | | ug/l | 2.0 | 0.33 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 2.0 | 0.40 |
| Pyrene | ND | | ug/l | 2.0 | 0.28 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 |
| 2-Methylnaphthalene | ND | | ug/l | 2.0 | 0.45 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/30/20 01:08
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG1415913-1 | | | | | |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 |
| Pentachlorophenol | ND | | ug/l | 10 | 1.8 |
| Phenol | ND | | ug/l | 5.0 | 0.57 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 11.3 | J | ug/l |
| Unknown | 3.27 | J | ug/l |
| Unknown Amide | 3.96 | J | ug/l |
| Unknown | 2.36 | J | ug/l |
| Unknown | 1.71 | J | ug/l |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/30/20 01:08
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:08

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG1415913-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 59 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 80 | | 10-120 |
| 4-Terphenyl-d14 | 88 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 19:21
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-08 Batch: WG1415918-1 | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.02 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 |
| Phenanthrene | 0.03 | J | ug/l | 0.10 | 0.02 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 |
| Pyrene | ND | | ug/l | 0.10 | 0.02 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.02 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/30/20 19:21
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 13:16

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-08 Batch: WG1415918-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 43 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 76 | | 23-120 |
| 2-Fluorobiphenyl | 85 | | 15-120 |
| 2,4,6-Tribromophenol | 38 | | 10-120 |
| 4-Terphenyl-d14 | 85 | | 41-149 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/02/20 22:51
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/01/20 09:00

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 08-09 Batch: WG1416758-1 | | | | | |
| 1,4-Dioxane | ND | | ng/l | 150 | 33.9 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 30 | | 15-110 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/05/20 15:16
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/04/20 15:10

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 08-09 Batch: WG1417923-1 | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ng/l | 2.00 | 0.408 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ng/l | 2.00 | 0.396 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ng/l | 2.00 | 0.238 |
| Perfluorohexanoic Acid (PFHxA) | 0.340 | JF | ng/l | 2.00 | 0.328 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ng/l | 2.00 | 0.225 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ng/l | 2.00 | 0.376 |
| Perfluorooctanoic Acid (PFOA) | ND | | ng/l | 2.00 | 0.236 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 2.00 | 1.33 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 2.00 | 0.688 |
| Perfluorononanoic Acid (PFNA) | ND | | ng/l | 2.00 | 0.312 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ng/l | 2.00 | 0.504 |
| Perfluorodecanoic Acid (PFDA) | ND | | ng/l | 2.00 | 0.304 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 2.00 | 1.21 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 2.00 | 0.648 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 2.00 | 0.260 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 2.00 | 0.980 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 2.00 | 0.580 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 2.00 | 0.804 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 2.00 | 0.372 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 2.00 | 0.327 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 2.00 | 0.248 |
| PFOA/PFOS, Total | ND | | ng/l | 2.00 | 0.236 |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/05/20 15:16
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/04/20 15:10

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 08-09 Batch: WG1417923-1 | | | | | |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 106 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 132 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 105 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 94 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 100 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 105 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 104 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 99 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 113 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 109 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 101 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 133 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 95 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 119 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 61 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 102 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 90 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 94 | | 33-143 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1415324-2 WG1415324-3 | | | | | | | | |
| Acenaphthene | 69 | | 77 | | 31-137 | 11 | | 50 |
| 1,2,4-Trichlorobenzene | 71 | | 78 | | 38-107 | 9 | | 50 |
| Hexachlorobenzene | 67 | | 79 | | 40-140 | 16 | | 50 |
| Bis(2-chloroethyl)ether | 71 | | 76 | | 40-140 | 7 | | 50 |
| 2-Chloronaphthalene | 75 | | 82 | | 40-140 | 9 | | 50 |
| 1,2-Dichlorobenzene | 66 | | 72 | | 40-140 | 9 | | 50 |
| 1,3-Dichlorobenzene | 62 | | 70 | | 40-140 | 12 | | 50 |
| 1,4-Dichlorobenzene | 64 | | 71 | | 28-104 | 10 | | 50 |
| 3,3'-Dichlorobenzidine | 61 | | 65 | | 40-140 | 6 | | 50 |
| 2,4-Dinitrotoluene | 71 | | 76 | | 40-132 | 7 | | 50 |
| 2,6-Dinitrotoluene | 75 | | 89 | | 40-140 | 17 | | 50 |
| Fluoranthene | 72 | | 80 | | 40-140 | 11 | | 50 |
| 4-Chlorophenyl phenyl ether | 68 | | 75 | | 40-140 | 10 | | 50 |
| 4-Bromophenyl phenyl ether | 68 | | 77 | | 40-140 | 12 | | 50 |
| Bis(2-chloroisopropyl)ether | 42 | | 45 | | 40-140 | 7 | | 50 |
| Bis(2-chloroethoxy)methane | 74 | | 84 | | 40-117 | 13 | | 50 |
| Hexachlorobutadiene | 69 | | 77 | | 40-140 | 11 | | 50 |
| Hexachlorocyclopentadiene | 40 | | 48 | | 40-140 | 18 | | 50 |
| Hexachloroethane | 67 | | 75 | | 40-140 | 11 | | 50 |
| Isophorone | 78 | | 86 | | 40-140 | 10 | | 50 |
| Naphthalene | 70 | | 77 | | 40-140 | 10 | | 50 |
| Nitrobenzene | 74 | | 78 | | 40-140 | 5 | | 50 |
| NDPA/DPA | 69 | | 75 | | 36-157 | 8 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1415324-2 WG1415324-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 76 | | 82 | | 32-121 | 8 | | 50 |
| Bis(2-ethylhexyl)phthalate | 75 | | 82 | | 40-140 | 9 | | 50 |
| Butyl benzyl phthalate | 80 | | 88 | | 40-140 | 10 | | 50 |
| Di-n-butylphthalate | 77 | | 84 | | 40-140 | 9 | | 50 |
| Di-n-octylphthalate | 77 | | 84 | | 40-140 | 9 | | 50 |
| Diethyl phthalate | 70 | | 78 | | 40-140 | 11 | | 50 |
| Dimethyl phthalate | 76 | | 86 | | 40-140 | 12 | | 50 |
| Benzo(a)anthracene | 67 | | 73 | | 40-140 | 9 | | 50 |
| Benzo(a)pyrene | 68 | | 74 | | 40-140 | 8 | | 50 |
| Benzo(b)fluoranthene | 72 | | 78 | | 40-140 | 8 | | 50 |
| Benzo(k)fluoranthene | 67 | | 73 | | 40-140 | 9 | | 50 |
| Chrysene | 67 | | 73 | | 40-140 | 9 | | 50 |
| Acenaphthylene | 82 | | 90 | | 40-140 | 9 | | 50 |
| Anthracene | 73 | | 79 | | 40-140 | 8 | | 50 |
| Benzo(ghi)perylene | 65 | | 72 | | 40-140 | 10 | | 50 |
| Fluorene | 69 | | 76 | | 40-140 | 10 | | 50 |
| Phenanthrene | 71 | | 77 | | 40-140 | 8 | | 50 |
| Dibenzo(a,h)anthracene | 66 | | 72 | | 40-140 | 9 | | 50 |
| Indeno(1,2,3-cd)pyrene | 66 | | 73 | | 40-140 | 10 | | 50 |
| Pyrene | 75 | | 83 | | 35-142 | 10 | | 50 |
| Biphenyl | 75 | | 83 | | 37-127 | 10 | | 50 |
| 4-Chloroaniline | 55 | | 58 | | 40-140 | 5 | | 50 |
| 2-Nitroaniline | 76 | | 87 | | 47-134 | 13 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1415324-2 WG1415324-3 | | | | | | | | |
| 3-Nitroaniline | 62 | | 68 | | 26-129 | 9 | | 50 |
| 4-Nitroaniline | 65 | | 73 | | 41-125 | 12 | | 50 |
| Dibenzofuran | 70 | | 76 | | 40-140 | 8 | | 50 |
| 2-Methylnaphthalene | 74 | | 80 | | 40-140 | 8 | | 50 |
| 1,2,4,5-Tetrachlorobenzene | 75 | | 82 | | 40-117 | 9 | | 50 |
| Acetophenone | 72 | | 79 | | 14-144 | 9 | | 50 |
| 2,4,6-Trichlorophenol | 74 | | 84 | | 30-130 | 13 | | 50 |
| p-Chloro-m-cresol | 79 | | 91 | | 26-103 | 14 | | 50 |
| 2-Chlorophenol | 72 | | 81 | | 25-102 | 12 | | 50 |
| 2,4-Dichlorophenol | 79 | | 92 | | 30-130 | 15 | | 50 |
| 2,4-Dimethylphenol | 86 | | 95 | | 30-130 | 10 | | 50 |
| 2-Nitrophenol | 73 | | 82 | | 30-130 | 12 | | 50 |
| 4-Nitrophenol | 75 | | 83 | | 11-114 | 10 | | 50 |
| 2,4-Dinitrophenol | 56 | | 68 | | 4-130 | 19 | | 50 |
| 4,6-Dinitro-o-cresol | 61 | | 69 | | 10-130 | 12 | | 50 |
| Pentachlorophenol | 53 | | 65 | | 17-109 | 20 | | 50 |
| Phenol | 75 | | 83 | | 26-90 | 10 | | 50 |
| 2-Methylphenol | 78 | | 86 | | 30-130. | 10 | | 50 |
| 3-Methylphenol/4-Methylphenol | 75 | | 85 | | 30-130 | 13 | | 50 |
| 2,4,5-Trichlorophenol | 76 | | 89 | | 30-130 | 16 | | 50 |
| Benzoic Acid | 51 | | 69 | | 10-110 | 30 | | 50 |
| Benzyl Alcohol | 86 | | 93 | | 40-140 | 8 | | 50 |
| Carbazole | 74 | | 81 | | 54-128 | 9 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1415324-2 WG1415324-3 | | | | | | | | |
| 1,4-Dioxane | 52 | | 58 | | 40-140 | 11 | | 50 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 74 | | 83 | | 25-120 |
| Phenol-d6 | 83 | | 90 | | 10-120 |
| Nitrobenzene-d5 | 81 | | 86 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 88 | | 30-120 |
| 2,4,6-Tribromophenol | 71 | | 82 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 84 | | 18-120 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1415653-2 WG1415653-3 | | | | | | | | |
| Acenaphthene | 80 | | 70 | | 37-111 | 13 | | 30 |
| 1,2,4-Trichlorobenzene | 79 | | 71 | | 39-98 | 11 | | 30 |
| Hexachlorobenzene | 98 | | 82 | | 40-140 | 18 | | 30 |
| Bis(2-chloroethyl)ether | 77 | | 67 | | 40-140 | 14 | | 30 |
| 2-Chloronaphthalene | 85 | | 73 | | 40-140 | 15 | | 30 |
| 1,2-Dichlorobenzene | 73 | | 65 | | 40-140 | 12 | | 30 |
| 1,3-Dichlorobenzene | 73 | | 66 | | 40-140 | 10 | | 30 |
| 1,4-Dichlorobenzene | 73 | | 66 | | 36-97 | 10 | | 30 |
| 3,3'-Dichlorobenzidine | 83 | | 75 | | 40-140 | 10 | | 30 |
| 2,4-Dinitrotoluene | 92 | | 81 | | 48-143 | 13 | | 30 |
| 2,6-Dinitrotoluene | 96 | | 81 | | 40-140 | 17 | | 30 |
| Fluoranthene | 94 | | 81 | | 40-140 | 15 | | 30 |
| 4-Chlorophenyl phenyl ether | 90 | | 74 | | 40-140 | 20 | | 30 |
| 4-Bromophenyl phenyl ether | 91 | | 82 | | 40-140 | 10 | | 30 |
| Bis(2-chloroisopropyl)ether | 57 | | 51 | | 40-140 | 11 | | 30 |
| Bis(2-chloroethoxy)methane | 74 | | 66 | | 40-140 | 11 | | 30 |
| Hexachlorobutadiene | 82 | | 73 | | 40-140 | 12 | | 30 |
| Hexachlorocyclopentadiene | 83 | | 74 | | 40-140 | 11 | | 30 |
| Hexachloroethane | 70 | | 60 | | 40-140 | 15 | | 30 |
| Isophorone | 71 | | 63 | | 40-140 | 12 | | 30 |
| Naphthalene | 77 | | 68 | | 40-140 | 12 | | 30 |
| Nitrobenzene | 74 | | 66 | | 40-140 | 11 | | 30 |
| NDPA/DPA | 90 | | 76 | | 40-140 | 17 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1415653-2 WG1415653-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 73 | | 63 | | 29-132 | 15 | | 30 |
| Bis(2-ethylhexyl)phthalate | 87 | | 74 | | 40-140 | 16 | | 30 |
| Butyl benzyl phthalate | 98 | | 86 | | 40-140 | 13 | | 30 |
| Di-n-butylphthalate | 88 | | 77 | | 40-140 | 13 | | 30 |
| Di-n-octylphthalate | 89 | | 78 | | 40-140 | 13 | | 30 |
| Diethyl phthalate | 88 | | 74 | | 40-140 | 17 | | 30 |
| Dimethyl phthalate | 97 | | 81 | | 40-140 | 18 | | 30 |
| Benzo(a)anthracene | 88 | | 74 | | 40-140 | 17 | | 30 |
| Benzo(a)pyrene | 98 | | 85 | | 40-140 | 14 | | 30 |
| Benzo(b)fluoranthene | 95 | | 85 | | 40-140 | 11 | | 30 |
| Benzo(k)fluoranthene | 99 | | 84 | | 40-140 | 16 | | 30 |
| Chrysene | 87 | | 76 | | 40-140 | 13 | | 30 |
| Acenaphthylene | 93 | | 80 | | 45-123 | 15 | | 30 |
| Anthracene | 87 | | 77 | | 40-140 | 12 | | 30 |
| Benzo(ghi)perylene | 92 | | 80 | | 40-140 | 14 | | 30 |
| Fluorene | 86 | | 73 | | 40-140 | 16 | | 30 |
| Phenanthrene | 85 | | 74 | | 40-140 | 14 | | 30 |
| Dibenzo(a,h)anthracene | 94 | | 81 | | 40-140 | 15 | | 30 |
| Indeno(1,2,3-cd)pyrene | 92 | | 80 | | 40-140 | 14 | | 30 |
| Pyrene | 91 | | 79 | | 26-127 | 14 | | 30 |
| Biphenyl | 89 | | 76 | | 40-140 | 16 | | 30 |
| 4-Chloroaniline | 50 | | 40 | | 40-140 | 22 | | 30 |
| 2-Nitroaniline | 93 | | 80 | | 52-143 | 15 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1415653-2 WG1415653-3 | | | | | | | | |
| 3-Nitroaniline | 72 | | 59 | | 25-145 | 20 | | 30 |
| 4-Nitroaniline | 80 | | 70 | | 51-143 | 13 | | 30 |
| Dibenzofuran | 83 | | 70 | | 40-140 | 17 | | 30 |
| 2-Methylnaphthalene | 83 | | 70 | | 40-140 | 17 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 89 | | 77 | | 2-134 | 14 | | 30 |
| Acetophenone | 74 | | 66 | | 39-129 | 11 | | 30 |
| 2,4,6-Trichlorophenol | 102 | | 85 | | 30-130 | 18 | | 30 |
| p-Chloro-m-cresol | 90 | | 77 | | 23-97 | 16 | | 30 |
| 2-Chlorophenol | 83 | | 75 | | 27-123 | 10 | | 30 |
| 2,4-Dichlorophenol | 94 | | 84 | | 30-130 | 11 | | 30 |
| 2,4-Dimethylphenol | 84 | | 73 | | 30-130 | 14 | | 30 |
| 2-Nitrophenol | 102 | | 96 | | 30-130 | 6 | | 30 |
| 4-Nitrophenol | 63 | | 53 | | 10-80 | 17 | | 30 |
| 2,4-Dinitrophenol | 93 | | 87 | | 20-130 | 7 | | 30 |
| 4,6-Dinitro-o-cresol | 111 | | 96 | | 20-164 | 14 | | 30 |
| Pentachlorophenol | 100 | | 87 | | 9-103 | 14 | | 30 |
| Phenol | 64 | | 56 | | 12-110 | 13 | | 30 |
| 2-Methylphenol | 77 | | 70 | | 30-130 | 10 | | 30 |
| 3-Methylphenol/4-Methylphenol | 82 | | 70 | | 30-130 | 16 | | 30 |
| 2,4,5-Trichlorophenol | 103 | | 85 | | 30-130 | 19 | | 30 |
| Benzoic Acid | 54 | | 51 | | 10-164 | 6 | | 30 |
| Benzyl Alcohol | 71 | | 62 | | 26-116 | 14 | | 30 |
| Carbazole | 90 | | 79 | | 55-144 | 13 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1415653-2 WG1415653-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 71 | | 64 | | 21-120 |
| Phenol-d6 | 60 | | 53 | | 10-120 |
| Nitrobenzene-d5 | 81 | | 69 | | 23-120 |
| 2-Fluorobiphenyl | 93 | | 81 | | 15-120 |
| 2,4,6-Tribromophenol | 113 | | 97 | | 10-120 |
| 4-Terphenyl-d14 | 97 | | 84 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1415654-2 WG1415654-3 | | | | | | | | |
| Acenaphthene | 76 | | 79 | | 40-140 | 4 | | 40 |
| 2-Chloronaphthalene | 81 | | 85 | | 40-140 | 5 | | 40 |
| Fluoranthene | 82 | | 86 | | 40-140 | 5 | | 40 |
| Hexachlorobutadiene | 73 | | 76 | | 40-140 | 4 | | 40 |
| Naphthalene | 76 | | 79 | | 40-140 | 4 | | 40 |
| Benzo(a)anthracene | 76 | | 80 | | 40-140 | 5 | | 40 |
| Benzo(a)pyrene | 90 | | 95 | | 40-140 | 5 | | 40 |
| Benzo(b)fluoranthene | 78 | | 85 | | 40-140 | 9 | | 40 |
| Benzo(k)fluoranthene | 88 | | 92 | | 40-140 | 4 | | 40 |
| Chrysene | 85 | | 86 | | 40-140 | 1 | | 40 |
| Acenaphthylene | 85 | | 89 | | 40-140 | 5 | | 40 |
| Anthracene | 85 | | 88 | | 40-140 | 3 | | 40 |
| Benzo(ghi)perylene | 84 | | 84 | | 40-140 | 0 | | 40 |
| Fluorene | 76 | | 80 | | 40-140 | 5 | | 40 |
| Phenanthrene | 76 | | 78 | | 40-140 | 3 | | 40 |
| Dibenzo(a,h)anthracene | 90 | | 91 | | 40-140 | 1 | | 40 |
| Indeno(1,2,3-cd)pyrene | 84 | | 87 | | 40-140 | 4 | | 40 |
| Pyrene | 83 | | 86 | | 40-140 | 4 | | 40 |
| 2-Methylnaphthalene | 76 | | 79 | | 40-140 | 4 | | 40 |
| Pentachlorophenol | 108 | | 109 | | 40-140 | 1 | | 40 |
| Hexachlorobenzene | 78 | | 82 | | 40-140 | 5 | | 40 |
| Hexachloroethane | 74 | | 78 | | 40-140 | 5 | | 40 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1415654-2 WG1415654-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 62 | | 67 | | 21-120 |
| Phenol-d6 | 55 | | 56 | | 10-120 |
| Nitrobenzene-d5 | 79 | | 81 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 86 | | 90 | | 10-120 |
| 4-Terphenyl-d14 | 78 | | 81 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG1415913-2 WG1415913-3 | | | | | | | | |
| Acenaphthene | 70 | | 66 | | 37-111 | 6 | | 30 |
| 1,2,4-Trichlorobenzene | 70 | | 64 | | 39-98 | 9 | | 30 |
| Hexachlorobenzene | 92 | | 90 | | 40-140 | 2 | | 30 |
| Bis(2-chloroethyl)ether | 64 | | 60 | | 40-140 | 6 | | 30 |
| 2-Chloronaphthalene | 71 | | 70 | | 40-140 | 1 | | 30 |
| 1,2-Dichlorobenzene | 64 | | 60 | | 40-140 | 6 | | 30 |
| 1,3-Dichlorobenzene | 65 | | 60 | | 40-140 | 8 | | 30 |
| 1,4-Dichlorobenzene | 63 | | 59 | | 36-97 | 7 | | 30 |
| 3,3'-Dichlorobenzidine | 56 | | 69 | | 40-140 | 21 | | 30 |
| 2,4-Dinitrotoluene | 86 | | 82 | | 48-143 | 5 | | 30 |
| 2,6-Dinitrotoluene | 86 | | 88 | | 40-140 | 2 | | 30 |
| Fluoranthene | 80 | | 78 | | 40-140 | 3 | | 30 |
| 4-Chlorophenyl phenyl ether | 81 | | 78 | | 40-140 | 4 | | 30 |
| 4-Bromophenyl phenyl ether | 96 | | 91 | | 40-140 | 5 | | 30 |
| Bis(2-chloroisopropyl)ether | 64 | | 59 | | 40-140 | 8 | | 30 |
| Bis(2-chloroethoxy)methane | 68 | | 64 | | 40-140 | 6 | | 30 |
| Hexachlorobutadiene | 88 | | 83 | | 40-140 | 6 | | 30 |
| Hexachlorocyclopentadiene | 85 | | 84 | | 40-140 | 1 | | 30 |
| Hexachloroethane | 72 | | 71 | | 40-140 | 1 | | 30 |
| Isophorone | 62 | | 61 | | 40-140 | 2 | | 30 |
| Naphthalene | 65 | | 64 | | 40-140 | 2 | | 30 |
| Nitrobenzene | 70 | | 68 | | 40-140 | 3 | | 30 |
| NDPA/DPA | 77 | | 72 | | 40-140 | 7 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG1415913-2 WG1415913-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 69 | | 64 | | 29-132 | 8 | | 30 |
| Bis(2-ethylhexyl)phthalate | 81 | | 85 | | 40-140 | 5 | | 30 |
| Butyl benzyl phthalate | 94 | | 97 | | 40-140 | 3 | | 30 |
| Di-n-butylphthalate | 77 | | 76 | | 40-140 | 1 | | 30 |
| Di-n-octylphthalate | 78 | | 79 | | 40-140 | 1 | | 30 |
| Diethyl phthalate | 79 | | 78 | | 40-140 | 1 | | 30 |
| Dimethyl phthalate | 75 | | 75 | | 40-140 | 0 | | 30 |
| Benzo(a)anthracene | 82 | | 81 | | 40-140 | 1 | | 30 |
| Benzo(a)pyrene | 87 | | 88 | | 40-140 | 1 | | 30 |
| Benzo(b)fluoranthene | 89 | | 88 | | 40-140 | 1 | | 30 |
| Benzo(k)fluoranthene | 81 | | 81 | | 40-140 | 0 | | 30 |
| Chrysene | 80 | | 79 | | 40-140 | 1 | | 30 |
| Acenaphthylene | 70 | | 70 | | 45-123 | 0 | | 30 |
| Anthracene | 72 | | 73 | | 40-140 | 1 | | 30 |
| Benzo(ghi)perylene | 83 | | 81 | | 40-140 | 2 | | 30 |
| Fluorene | 73 | | 72 | | 40-140 | 1 | | 30 |
| Phenanthrene | 72 | | 71 | | 40-140 | 1 | | 30 |
| Dibenzo(a,h)anthracene | 80 | | 80 | | 40-140 | 0 | | 30 |
| Indeno(1,2,3-cd)pyrene | 78 | | 78 | | 40-140 | 0 | | 30 |
| Pyrene | 83 | | 82 | | 26-127 | 1 | | 30 |
| Biphenyl | 70 | | 69 | | 40-140 | 1 | | 30 |
| 4-Chloroaniline | 66 | | 73 | | 40-140 | 10 | | 30 |
| 2-Nitroaniline | 84 | | 86 | | 52-143 | 2 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG1415913-2 WG1415913-3 | | | | | | | | |
| 3-Nitroaniline | 66 | | 72 | | 25-145 | 9 | | 30 |
| 4-Nitroaniline | 67 | | 70 | | 51-143 | 4 | | 30 |
| Dibenzofuran | 72 | | 69 | | 40-140 | 4 | | 30 |
| 2-Methylnaphthalene | 68 | | 68 | | 40-140 | 0 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 92 | | 91 | | 2-134 | 1 | | 30 |
| Acetophenone | 65 | | 62 | | 39-129 | 5 | | 30 |
| 2,4,6-Trichlorophenol | 89 | | 92 | | 30-130 | 3 | | 30 |
| p-Chloro-m-cresol | 77 | | 79 | | 23-97 | 3 | | 30 |
| 2-Chlorophenol | 68 | | 64 | | 27-123 | 6 | | 30 |
| 2,4-Dichlorophenol | 78 | | 75 | | 30-130 | 4 | | 30 |
| 2,4-Dimethylphenol | 38 | | 56 | | 30-130 | **38** | Q | 30 |
| 2-Nitrophenol | 84 | | 77 | | 30-130 | 9 | | 30 |
| 4-Nitrophenol | 74 | | 72 | | 10-80 | 3 | | 30 |
| 2,4-Dinitrophenol | 104 | | 98 | | 20-130 | 6 | | 30 |
| 4,6-Dinitro-o-cresol | 107 | | 104 | | 20-164 | 3 | | 30 |
| Pentachlorophenol | 97 | | 89 | | 9-103 | 9 | | 30 |
| Phenol | 48 | | 47 | | 12-110 | 2 | | 30 |
| 2-Methylphenol | 60 | | 64 | | 30-130 | 6 | | 30 |
| 3-Methylphenol/4-Methylphenol | 64 | | 66 | | 30-130 | 3 | | 30 |
| 2,4,5-Trichlorophenol | 92 | | 91 | | 30-130 | 1 | | 30 |
| Benzoic Acid | 75 | | 73 | | 10-164 | 3 | | 30 |
| Benzyl Alcohol | 66 | | 67 | | 26-116 | 2 | | 30 |
| Carbazole | 73 | | 75 | | 55-144 | 3 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG1415913-2 WG1415913-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 59 | | 59 | | 21-120 |
| Phenol-d6 | 52 | | 52 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 68 | | 23-120 |
| 2-Fluorobiphenyl | 75 | | 75 | | 15-120 |
| 2,4,6-Tribromophenol | 106 | | 106 | | 10-120 |
| 4-Terphenyl-d14 | 86 | | 87 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-08 Batch: WG1415918-2 WG1415918-3 | | | | | | | | |
| Acenaphthene | 73 | | 77 | | 40-140 | 5 | | 40 |
| 2-Chloronaphthalene | 86 | | 90 | | 40-140 | 5 | | 40 |
| Fluoranthene | 85 | | 91 | | 40-140 | 7 | | 40 |
| Hexachlorobutadiene | 69 | | 72 | | 40-140 | 4 | | 40 |
| Naphthalene | 71 | | 74 | | 40-140 | 4 | | 40 |
| Benzo(a)anthracene | 81 | | 87 | | 40-140 | 7 | | 40 |
| Benzo(a)pyrene | 93 | | 101 | | 40-140 | 8 | | 40 |
| Benzo(b)fluoranthene | 76 | | 83 | | 40-140 | 9 | | 40 |
| Benzo(k)fluoranthene | 92 | | 104 | | 40-140 | 12 | | 40 |
| Chrysene | 84 | | 90 | | 40-140 | 7 | | 40 |
| Acenaphthylene | 83 | | 86 | | 40-140 | 4 | | 40 |
| Anthracene | 86 | | 90 | | 40-140 | 5 | | 40 |
| Benzo(ghi)perylene | 82 | | 87 | | 40-140 | 6 | | 40 |
| Fluorene | 76 | | 81 | | 40-140 | 6 | | 40 |
| Phenanthrene | 76 | | 81 | | 40-140 | 6 | | 40 |
| Dibenzo(a,h)anthracene | 85 | | 92 | | 40-140 | 8 | | 40 |
| Indeno(1,2,3-cd)pyrene | 87 | | 90 | | 40-140 | 3 | | 40 |
| Pyrene | 85 | | 91 | | 40-140 | 7 | | 40 |
| 2-Methylnaphthalene | 75 | | 79 | | 40-140 | 5 | | 40 |
| Pentachlorophenol | 118 | | 123 | | 40-140 | 4 | | 40 |
| Hexachlorobenzene | 78 | | 84 | | 40-140 | 7 | | 40 |
| Hexachloroethane | 70 | | 72 | | 40-140 | 3 | | 40 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-08 Batch: WG1415918-2 WG1415918-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 60 | | 60 | | 21-120 |
| Phenol-d6 | 50 | | 50 | | 10-120 |
| Nitrobenzene-d5 | 77 | | 77 | | 23-120 |
| 2-Fluorobiphenyl | 82 | | 78 | | 15-120 |
| 2,4,6-Tribromophenol | 72 | | 71 | | 10-120 |
| 4-Terphenyl-d14 | 83 | | 86 | | 41-149 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | Associated sample(s): 08-09 | | Batch: WG1416758-2 WG1416758-3 | | | | | |
| 1,4-Dioxane | 111 | | 110 | | 40-140 | 1 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,4-Dioxane-d8 | 31 | | 30 | | 15-110 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 08-09 Batch: WG1417923-2 WG1417923-3 | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 95 | | 94 | | 67-148 | 1 | | 30 |
| Perfluoropentanoic Acid (PFPeA) | 96 | | 96 | | 63-161 | 0 | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | 93 | | 95 | | 65-157 | 2 | | 30 |
| Perfluorohexanoic Acid (PFHxA) | 96 | | 99 | | 69-168 | 3 | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | 94 | | 97 | | 58-159 | 3 | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | 81 | | 72 | | 69-177 | 12 | | 30 |
| Perfluorooctanoic Acid (PFOA) | 95 | | 98 | | 63-159 | 3 | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | 101 | | 101 | | 49-187 | 0 | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | 86 | | 86 | | 61-179 | 0 | | 30 |
| Perfluorononanoic Acid (PFNA) | 96 | | 94 | | 68-171 | 2 | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | 91 | | 97 | | 52-151 | 6 | | 30 |
| Perfluorodecanoic Acid (PFDA) | 95 | | 96 | | 63-171 | 1 | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | 106 | | 123 | | 56-173 | 15 | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | 109 | | 98 | | 60-166 | 11 | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | 87 | | 89 | | 60-153 | 2 | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | 91 | | 96 | | 38-156 | 5 | | 30 |
| Perfluorooctanesulfonamide (FOSA) | 91 | | 88 | | 46-170 | 3 | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | 112 | | 104 | | 45-170 | 7 | | 30 |
| Perfluorododecanoic Acid (PFDoA) | 90 | | 94 | | 67-153 | 4 | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | 105 | | 107 | | 48-158 | 2 | | 30 |
| Perfluorotetradecanoic Acid (PFTA) | 95 | | 96 | | 59-182 | 1 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 08-09 Batch: WG1417923-2 WG1417923-3 | | | | | | | | |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 103 | | 101 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 127 | | 124 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 102 | | 100 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 91 | | 89 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 98 | | 95 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 97 | | 111 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 103 | | 101 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 103 | | 103 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 108 | | 109 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 107 | | 104 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 98 | | 96 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 129 | | 110 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 75 | | 79 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 109 | | 106 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 57 | | 63 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 83 | | 92 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 95 | | 96 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 94 | | 95 | | 33-143 |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** WESTCHESTER COUNTY

***Project Number:*** 11513:2

***Lab Number:*** L2040743

***Report Date:*** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | Associated sample(s): 08-09 | | QC Batch ID: WG1416758-4 | | | QC Sample: L2040743-08 | | | Client ID: GW-4 | | | |
| 1,4-Dioxane | ND | 4810 | 5260 | 109 | | - | - | | 40-140 | - | | 30 |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,4-Dioxane-d8 | 39 | | | | 15-110 |

# PCBS

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/20 13:59
Analyst: JAW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 14:02
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 37.0 | 3.29 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 37.0 | 3.71 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 37.0 | 7.85 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 37.0 | 4.99 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 37.0 | 5.55 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 37.0 | 4.05 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 37.0 | 6.84 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 37.0 | 4.70 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 37.0 | 3.84 | 1 | A |
| PCBs, Total | ND | | ug/kg | 37.0 | 3.29 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/20 14:11
Analyst: JAW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 14:02
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 37.7 | 3.35 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 37.7 | 3.78 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 37.7 | 7.99 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 37.7 | 5.08 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 37.7 | 5.66 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 37.7 | 4.12 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 37.7 | 6.97 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 37.7 | 4.79 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 37.7 | 3.91 | 1 | A |
| PCBs, Total | ND | | ug/kg | 37.7 | 3.35 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 68 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 63 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/20 15:38
Analyst: JAW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 14:02
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 34.5 | 3.07 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 34.5 | 3.46 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 34.5 | 7.32 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 34.5 | 4.66 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 34.5 | 5.18 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 34.5 | 3.78 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 34.5 | 6.38 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 34.5 | 4.39 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 34.5 | 3.58 | 1 | A |
| PCBs, Total | ND | | ug/kg | 34.5 | 3.07 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | A |
| Decachlorobiphenyl | 62 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 55 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/20 15:51
Analyst: JAW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 14:02
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 37.2 | 3.30 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 37.2 | 3.73 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 37.2 | 7.89 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 37.2 | 5.02 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 37.2 | 5.58 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 37.2 | 4.07 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 37.2 | 6.88 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 37.2 | 4.73 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 37.2 | 3.86 | 1 | A |
| PCBs, Total | ND | | ug/kg | 37.2 | 3.30 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 66 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | B |
| Decachlorobiphenyl | 61 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/30/20 18:15
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:01
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 82 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/30/20 18:23
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 73 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 79 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/30/20 18:31
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 67 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | B |
| Decachlorobiphenyl | 73 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/30/20 18:39
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | A |
| Decachlorobiphenyl | 96 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/30/20 18:48
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | A |
| Decachlorobiphenyl | 109 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | B |
| Decachlorobiphenyl | 88 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/29/20 13:07
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 09/28/20 14:02
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1415500-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 31.8 | 2.82 | A |
| Aroclor 1221 | ND | | ug/kg | 31.8 | 3.18 | A |
| Aroclor 1232 | ND | | ug/kg | 31.8 | 6.74 | A |
| Aroclor 1242 | ND | | ug/kg | 31.8 | 4.28 | A |
| Aroclor 1248 | ND | | ug/kg | 31.8 | 4.77 | A |
| Aroclor 1254 | ND | | ug/kg | 31.8 | 3.48 | A |
| Aroclor 1260 | ND | | ug/kg | 31.8 | 5.87 | A |
| Aroclor 1262 | ND | | ug/kg | 31.8 | 4.04 | A |
| Aroclor 1268 | ND | | ug/kg | 31.8 | 3.29 | A |
| PCBs, Total | ND | | ug/kg | 31.8 | 2.82 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 66 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/30/20 15:50
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 08:01
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/20
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-09 Batch: WG1415760-1 | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 54 | | 30-150 | A |
| Decachlorobiphenyl | 58 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 52 | | 30-150 | B |
| Decachlorobiphenyl | 63 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1415500-2 WG1415500-3 | | | | | | | | | |
| Aroclor 1016 | 49 | | 87 | | 40-140 | **56** | Q | 50 | A |
| Aroclor 1260 | 45 | | 83 | | 40-140 | **59** | Q | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 49 | | 86 | | 30-150 | A |
| Decachlorobiphenyl | 43 | | 80 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 47 | | 85 | | 30-150 | B |
| Decachlorobiphenyl | 40 | | 75 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-09 Batch: WG1415760-2 WG1415760-3 | | | | | | | | | |
| Aroclor 1016 | 48 | | 84 | | 40-140 | **55** | Q | 50 | A |
| Aroclor 1260 | 61 | | 85 | | 40-140 | 34 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 43 | | 77 | | 30-150 | A |
| Decachlorobiphenyl | 45 | | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 42 | | 74 | | 30-150 | B |
| Decachlorobiphenyl | 54 | | 88 | | 30-150 | B |

# PESTICIDES

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/29/20 16:54
Analyst: DGM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.76 | 0.344 | 1 | A |
| Lindane | ND | | ug/kg | 0.732 | 0.327 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.732 | 0.208 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.76 | 0.666 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.879 | 0.394 | 1 | A |
| Aldrin | ND | | ug/kg | 1.76 | 0.619 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.30 | 0.989 | 1 | A |
| Endrin | ND | | ug/kg | 0.732 | 0.300 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.20 | 0.769 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.76 | 0.452 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.10 | 0.549 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.76 | 0.406 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.76 | 0.627 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.30 | 1.41 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.76 | 0.415 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.76 | 0.587 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.732 | 0.348 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.30 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.0 | 9.23 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.20 | 0.612 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.20 | 0.580 | 1 | A |
| Chlordane | ND | | ug/kg | 14.6 | 5.82 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01 Date Collected: 09/24/20 13:15

Client ID: SB-1 (7'-8') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 103 | | 30-150 | A |
| Decachlorobiphenyl | 106 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 30-150 | B |
| Decachlorobiphenyl | 86 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/29/20 17:37
Analyst: DGM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.75 | 0.343 | 1 | A |
| Lindane | ND | | ug/kg | 0.730 | 0.326 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.730 | 0.207 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.75 | 0.664 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.876 | 0.393 | 1 | A |
| Aldrin | ND | | ug/kg | 1.75 | 0.617 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.28 | 0.985 | 1 | A |
| Endrin | ND | | ug/kg | 0.730 | 0.299 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.19 | 0.766 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.75 | 0.451 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.09 | 0.547 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.75 | 0.405 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.75 | 0.625 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.28 | 1.41 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.75 | 0.414 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.75 | 0.585 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.730 | 0.347 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.28 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.8 | 9.20 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.19 | 0.610 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.19 | 0.578 | 1 | A |
| Chlordane | ND | | ug/kg | 14.6 | 5.80 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02 Date Collected: 09/24/20 14:30

Client ID: SB-2 (9'-10') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 147 | | 30-150 | A |
| Decachlorobiphenyl | **157** | Q | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/29/20 17:50
Analyst: DGM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.75 | 0.343 | 1 | A |
| Lindane | ND | | ug/kg | 0.730 | 0.326 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.730 | 0.207 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.75 | 0.664 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.876 | 0.393 | 1 | A |
| Aldrin | ND | | ug/kg | 1.75 | 0.617 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.29 | 0.986 | 1 | A |
| Endrin | ND | | ug/kg | 0.730 | 0.299 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.19 | 0.767 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.75 | 0.451 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.10 | 0.548 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.75 | 0.405 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.75 | 0.625 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.29 | 1.41 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.75 | 0.414 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.75 | 0.586 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.730 | 0.348 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.29 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.9 | 9.20 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.19 | 0.610 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.19 | 0.578 | 1 | A |
| Chlordane | ND | | ug/kg | 14.6 | 5.81 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03 Date Collected: 09/24/20 16:15

Client ID: SB-3 (4'-5') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 103 | | 30-150 | A |
| Decachlorobiphenyl | 131 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 106 | | 30-150 | B |
| Decachlorobiphenyl | 114 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/29/20 18:03
Analyst: DGM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.82 | 0.355 | 1 | A |
| Lindane | ND | | ug/kg | 0.756 | 0.338 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.756 | 0.215 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.82 | 0.688 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.908 | 0.407 | 1 | A |
| Aldrin | ND | | ug/kg | 1.82 | 0.639 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.40 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.756 | 0.310 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.27 | 0.794 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.82 | 0.467 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.13 | 0.567 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.82 | 0.420 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.82 | 0.647 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.40 | 1.46 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.82 | 0.429 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.82 | 0.606 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.756 | 0.360 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.40 | 1.06 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.0 | 9.53 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.27 | 0.632 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.27 | 0.599 | 1 | A |
| Chlordane | ND | | ug/kg | 15.1 | 6.01 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04 Date Collected: 09/25/20 12:45

Client ID: SB-4 (1'-2') Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 30-150 | A |
| Decachlorobiphenyl | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 30-150 | B |
| Decachlorobiphenyl | 90 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/30/20 11:40
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05 Date Collected: 09/24/20 10:30

Client ID: GW-1 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 62 | | 30-150 | A |
| Decachlorobiphenyl | 69 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 55 | | 30-150 | B |
| Decachlorobiphenyl | 44 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/30/20 11:53
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06 Date Collected: 09/24/20 10:30

Client ID: GW-2 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 52 | | 30-150 | A |
| Decachlorobiphenyl | 56 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 43 | | 30-150 | B |
| Decachlorobiphenyl | 38 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/30/20 12:06
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07 Date Collected: 09/24/20 10:30

Client ID: GW-3 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 68 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | B |
| Decachlorobiphenyl | 54 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/30/20 12:19
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | 0.005 | J | ug/l | 0.029 | 0.003 | 1 | B |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08 Date Collected: 09/24/20 10:30

Client ID: GW-4 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 43 | | 30-150 | A |
| Decachlorobiphenyl | 59 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 57 | | 30-150 | B |
| Decachlorobiphenyl | 45 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/30/20 12:32
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | 0.017 | J | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | 0.013 | J | ug/l | 0.029 | 0.003 | 1 | B |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09 Date Collected: 09/25/20 12:00

Client ID: GW-6 Date Received: 09/25/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 50 | | 30-150 | B |
| Decachlorobiphenyl | 52 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/29/20 16:03
Analyst: DGM

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1415631-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.51 | 0.296 | A |
| Lindane | ND | | ug/kg | 0.630 | 0.282 | A |
| Alpha-BHC | ND | | ug/kg | 0.630 | 0.179 | A |
| Beta-BHC | ND | | ug/kg | 1.51 | 0.574 | A |
| Heptachlor | ND | | ug/kg | 0.757 | 0.339 | A |
| Aldrin | ND | | ug/kg | 1.51 | 0.533 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.84 | 0.851 | A |
| Endrin | ND | | ug/kg | 0.630 | 0.258 | A |
| Endrin aldehyde | ND | | ug/kg | 1.89 | 0.662 | A |
| Endrin ketone | ND | | ug/kg | 1.51 | 0.390 | A |
| Dieldrin | ND | | ug/kg | 0.946 | 0.473 | A |
| 4,4'-DDE | ND | | ug/kg | 1.51 | 0.350 | A |
| 4,4'-DDD | ND | | ug/kg | 1.51 | 0.540 | A |
| 4,4'-DDT | ND | | ug/kg | 2.84 | 1.22 | A |
| Endosulfan I | ND | | ug/kg | 1.51 | 0.358 | A |
| Endosulfan II | ND | | ug/kg | 1.51 | 0.506 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.630 | 0.300 | A |
| Methoxychlor | ND | | ug/kg | 2.84 | 0.883 | A |
| Toxaphene | ND | | ug/kg | 28.4 | 7.94 | A |
| cis-Chlordane | ND | | ug/kg | 1.89 | 0.527 | A |
| trans-Chlordane | ND | | ug/kg | 1.89 | 0.499 | A |
| Chlordane | ND | | ug/kg | 12.6 | 5.01 | A |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/29/20 16:03
Analyst: DGM

Extraction Method: EPA 3546
Extraction Date: 09/28/20 21:31
Cleanup Method: EPA 3620B
Cleanup Date: 09/29/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1415631-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 89 | | 30-150 | A |
| Decachlorobiphenyl | 83 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 92 | | 30-150 | B |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/30/20 12:12
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-09 Batch: WG1415849-1 | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | A |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/30/20 12:12
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 09/29/20 11:08

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-09 Batch: WG1415849-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | **28** | Q | 30-150 | A |
| Decachlorobiphenyl | 38 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | **27** | Q | 30-150 | B |
| Decachlorobiphenyl | 30 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1415631-2 WG1415631-3 | | | | | | | | | |
| Delta-BHC | 99 | | 105 | | 30-150 | 6 | | 30 | A |
| Lindane | 101 | | 105 | | 30-150 | 4 | | 30 | A |
| Alpha-BHC | 105 | | 110 | | 30-150 | 5 | | 30 | A |
| Beta-BHC | 93 | | 98 | | 30-150 | 5 | | 30 | A |
| Heptachlor | 103 | | 108 | | 30-150 | 5 | | 30 | A |
| Aldrin | 98 | | 101 | | 30-150 | 3 | | 30 | A |
| Heptachlor epoxide | 99 | | 105 | | 30-150 | 6 | | 30 | A |
| Endrin | 101 | | 108 | | 30-150 | 7 | | 30 | A |
| Endrin aldehyde | 62 | | 69 | | 30-150 | 11 | | 30 | A |
| Endrin ketone | 88 | | 96 | | 30-150 | 9 | | 30 | A |
| Dieldrin | 105 | | 112 | | 30-150 | 6 | | 30 | A |
| 4,4'-DDE | 94 | | 100 | | 30-150 | 6 | | 30 | A |
| 4,4'-DDD | 108 | | 118 | | 30-150 | 9 | | 30 | A |
| 4,4'-DDT | 99 | | 108 | | 30-150 | 9 | | 30 | A |
| Endosulfan I | 94 | | 100 | | 30-150 | 6 | | 30 | A |
| Endosulfan II | 94 | | 102 | | 30-150 | 8 | | 30 | A |
| Endosulfan sulfate | 82 | | 90 | | 30-150 | 9 | | 30 | A |
| Methoxychlor | 87 | | 96 | | 30-150 | 10 | | 30 | A |
| cis-Chlordane | 84 | | 88 | | 30-150 | 5 | | 30 | A |
| trans-Chlordane | 76 | | 81 | | 30-150 | 6 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1415631-2 WG1415631-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 97 | | 30-150 | A |
| Decachlorobiphenyl | 92 | | 99 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 96 | | 30-150 | B |
| Decachlorobiphenyl | 80 | | 86 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-09 Batch: WG1415849-2 WG1415849-3 | | | | | | | | | |
| Delta-BHC | 36 | | 40 | | 30-150 | 12 | | 20 | A |
| Lindane | 37 | | 45 | | 30-150 | 20 | | 20 | A |
| Alpha-BHC | 37 | | 45 | | 30-150 | 20 | | 20 | A |
| Beta-BHC | 35 | | 43 | | 30-150 | 20 | | 20 | A |
| Heptachlor | 38 | | 48 | | 30-150 | **23** | Q | 20 | A |
| Aldrin | 37 | | 45 | | 30-150 | 20 | | 20 | A |
| Heptachlor epoxide | 41 | | 49 | | 30-150 | 19 | | 20 | A |
| Endrin | 44 | | 52 | | 30-150 | 16 | | 20 | A |
| Endrin aldehyde | 43 | | 49 | | 30-150 | 14 | | 20 | A |
| Endrin ketone | 45 | | 54 | | 30-150 | 20 | | 20 | A |
| Dieldrin | 49 | | 55 | | 30-150 | 12 | | 20 | A |
| 4,4'-DDE | 43 | | 50 | | 30-150 | 16 | | 20 | A |
| 4,4'-DDD | 48 | | 59 | | 30-150 | 19 | | 20 | A |
| 4,4'-DDT | 48 | | 59 | | 30-150 | **21** | Q | 20 | A |
| Endosulfan I | 41 | | 49 | | 30-150 | 17 | | 20 | A |
| Endosulfan II | 45 | | 54 | | 30-150 | 19 | | 20 | A |
| Endosulfan sulfate | 44 | | 51 | | 30-150 | 14 | | 20 | A |
| Methoxychlor | 54 | | 54 | | 30-150 | 1 | | 20 | A |
| cis-Chlordane | 40 | | 44 | | 30-150 | 11 | | 20 | A |
| trans-Chlordane | 39 | | 49 | | 30-150 | **22** | Q | 20 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-09 Batch: WG1415849-2 WG1415849-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 33 | | 37 | | 30-150 | A |
| Decachlorobiphenyl | 37 | | 55 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 30 | | 32 | | 30-150 | B |
| Decachlorobiphenyl | **29** | Q | 41 | | 30-150 | B |

# METALS

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8450 | | mg/kg | 8.56 | 2.31 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.28 | 0.325 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 1.71 | | mg/kg | 0.856 | 0.178 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 74.0 | | mg/kg | 0.856 | 0.149 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.291 | J | mg/kg | 0.428 | 0.028 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.856 | 0.084 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 9290 | | mg/kg | 8.56 | 3.00 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 19.9 | | mg/kg | 0.856 | 0.082 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 6.93 | | mg/kg | 1.71 | 0.142 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 13.4 | | mg/kg | 0.856 | 0.221 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 12000 | | mg/kg | 4.28 | 0.773 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 5.26 | | mg/kg | 4.28 | 0.229 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 2500 | | mg/kg | 8.56 | 1.32 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 424 | | mg/kg | 0.856 | 0.136 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.072 | 0.047 | 1 | 10/01/20 10:15 | 10/01/20 11:36 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 12.3 | | mg/kg | 2.14 | 0.207 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 1620 | | mg/kg | 214 | 12.3 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | 0.633 | J | mg/kg | 1.71 | 0.221 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.856 | 0.242 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 194 | | mg/kg | 171 | 2.70 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.71 | 0.270 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 17.5 | | mg/kg | 0.856 | 0.174 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 18.8 | | mg/kg | 4.28 | 0.251 | 2 | 10/01/20 09:00 | 10/02/20 12:28 | EPA 3050B | 1,6010D | PS |

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 10200 | | mg/kg | 8.84 | 2.39 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.42 | 0.336 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 0.999 | | mg/kg | 0.884 | 0.184 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 71.7 | | mg/kg | 0.884 | 0.154 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.292 | J | mg/kg | 0.442 | 0.029 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.884 | 0.087 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 1420 | | mg/kg | 8.84 | 3.09 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 22.4 | | mg/kg | 0.884 | 0.085 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 7.83 | | mg/kg | 1.77 | 0.147 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 15.3 | | mg/kg | 0.884 | 0.228 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 16000 | | mg/kg | 4.42 | 0.798 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 4.06 | J | mg/kg | 4.42 | 0.237 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 3030 | | mg/kg | 8.84 | 1.36 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 338 | | mg/kg | 0.884 | 0.140 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 10/01/20 10:15 | 10/01/20 11:39 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 14.7 | | mg/kg | 2.21 | 0.214 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 2650 | | mg/kg | 221 | 12.7 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.77 | 0.228 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.884 | 0.250 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 79.5 | J | mg/kg | 177 | 2.78 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.77 | 0.278 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 24.5 | | mg/kg | 0.884 | 0.179 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 26.1 | | mg/kg | 4.42 | 0.259 | 2 | 10/01/20 09:00 | 10/02/20 12:32 | EPA 3050B | 1,6010D | PS |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 11900 | | mg/kg | 8.60 | 2.32 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.30 | 0.327 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 1.36 | | mg/kg | 0.860 | 0.179 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 96.8 | | mg/kg | 0.860 | 0.150 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.344 | J | mg/kg | 0.430 | 0.028 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.860 | 0.084 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 634 | | mg/kg | 8.60 | 3.01 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 19.4 | | mg/kg | 0.860 | 0.083 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 8.27 | | mg/kg | 1.72 | 0.143 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 24.4 | | mg/kg | 0.860 | 0.222 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 17200 | | mg/kg | 4.30 | 0.777 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 12.5 | | mg/kg | 4.30 | 0.230 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 2960 | | mg/kg | 8.60 | 1.32 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 502 | | mg/kg | 0.860 | 0.137 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.069 | 0.045 | 1 | 10/01/20 10:15 | 10/01/20 11:49 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 17.3 | | mg/kg | 2.15 | 0.208 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 3350 | | mg/kg | 215 | 12.4 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.72 | 0.222 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.860 | 0.243 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 106 | J | mg/kg | 172 | 2.71 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.72 | 0.271 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 24.4 | | mg/kg | 0.860 | 0.175 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 28.5 | | mg/kg | 4.30 | 0.252 | 2 | 10/01/20 09:00 | 10/02/20 12:37 | EPA 3050B | 1,6010D | PS |

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8600 | | mg/kg | 9.16 | 2.47 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | 2.01 | J | mg/kg | 4.58 | 0.348 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 8.44 | | mg/kg | 0.916 | 0.190 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 270 | | mg/kg | 0.916 | 0.159 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.385 | J | mg/kg | 0.458 | 0.030 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | 0.247 | J | mg/kg | 0.916 | 0.090 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 10600 | | mg/kg | 9.16 | 3.21 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 17.2 | | mg/kg | 0.916 | 0.088 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 6.34 | | mg/kg | 1.83 | 0.152 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 62.6 | | mg/kg | 0.916 | 0.236 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 16500 | | mg/kg | 4.58 | 0.827 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 550 | | mg/kg | 4.58 | 0.246 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4840 | | mg/kg | 9.16 | 1.41 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 338 | | mg/kg | 0.916 | 0.146 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | 0.294 | | mg/kg | 0.074 | 0.048 | 1 | 10/01/20 10:15 | 10/01/20 11:52 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 14.9 | | mg/kg | 2.29 | 0.222 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 1040 | | mg/kg | 229 | 13.2 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | 0.284 | J | mg/kg | 1.83 | 0.236 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.916 | 0.259 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 124 | J | mg/kg | 183 | 2.89 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.83 | 0.289 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 22.0 | | mg/kg | 0.916 | 0.186 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 177 | | mg/kg | 4.58 | 0.268 | 2 | 10/01/20 09:00 | 10/02/20 12:41 | EPA 3050B | 1,6010D | PS |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 0.991 | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00025 | J | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.08626 | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | 0.00009 | J | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 79.8 | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00307 | | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00087 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Copper, Total | 0.00215 | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 1.71 | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00315 | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 26.0 | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 0.7208 | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 16:58 | EPA 7470A | 1,7470A | AL |
| Nickel, Total | 0.00251 | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 7.78 | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 140. | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | ND | | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.00219 | J | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.00485 | J | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 17:07 | EPA 3005A | 1,6020B | AM |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 65.3 | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00390 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 1.159 | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | 0.00362 | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | 0.00099 | | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 29.2 | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.1902 | | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.08333 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Copper, Total | 0.6191 | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 137. | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.3889 | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 36.9 | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 4.312 | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | 0.00037 | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 17:00 | EPA 7470A | 1,7470A | AL |
| Nickel, Total | 0.1536 | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 39.9 | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | 0.00210 | J | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Silver, Total | 0.00025 | J | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 9.08 | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | 0.00174 | | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.1267 | | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.4058 | | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 17:12 | EPA 3005A | 1,6020B | AM |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 2.63 | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00040 | J | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.07019 | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 46.4 | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00584 | | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00228 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Copper, Total | 0.00627 | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 4.65 | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00194 | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 8.54 | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 0.1731 | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 17:02 | EPA 7470A | 1,7470A | AL |
| Nickel, Total | 0.00564 | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 5.58 | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 60.4 | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | 0.00014 | J | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.00618 | | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.00987 | J | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 17:17 | EPA 3005A | 1,6020B | AM |

**Project Name:** WESTCHESTER COUNTY
**Lab Number:** L2040743
**Project Number:** 11513:2
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 0.655 | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00170 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.02567 | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 25.8 | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00180 | | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00024 | J | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 6.07 | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00209 | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 2.48 | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 0.3606 | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 17:09 | EPA 7470A | 1,7470A | AL |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 9.57 | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 32.6 | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | ND | | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.00232 | J | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 17:22 | EPA 3005A | 1,6020B | AM |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY
Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 0.0956 | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00050 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.1421 | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 146. | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00055 | J | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00379 | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 19.5 | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00111 | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 41.0 | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 3.096 | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 17:11 | EPA 7470A | 1,7470A | AL |
| Nickel, Total | 0.00286 | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 11.7 | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 42.0 | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | ND | | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.00538 | J | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 17:27 | EPA 3005A | 1,6020B | AM |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1416039-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.400 | 0.083 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Chromium, Total | ND | | mg/kg | 0.400 | 0.038 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Iron, Total | 3.73 | | mg/kg | 2.00 | 0.361 | 1 | 10/01/20 09:00 | 10/02/20 12:06 | 1,6010D | PS |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Manganese, Total | ND | | mg/kg | 0.400 | 0.064 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.400 | 0.113 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 10/01/20 09:00 | 10/02/20 11:34 | 1,6010D | PS |

**Prep Information**

Digestion Method: EPA 3050B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1416041-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 10/01/20 10:15 | 10/01/20 11:09 | 1,7471B | EW |

**Project Name:** WESTCHESTER COUNTY **Lab Number:** L2040743

**Project Number:** 11513:2 **Report Date:** 10/08/20

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7471B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 05-09 Batch: WG1416436-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/l | 0.0100 | 0.00327 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Arsenic, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Barium, Total | ND | | mg/l | 0.00050 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Calcium, Total | ND | | mg/l | 0.100 | 0.0394 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Chromium, Total | ND | | mg/l | 0.00100 | 0.00017 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Cobalt, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Iron, Total | ND | | mg/l | 0.0700 | 0.0191 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Lead, Total | ND | | mg/l | 0.00100 | 0.00034 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Magnesium, Total | ND | | mg/l | 0.0700 | 0.0242 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Manganese, Total | ND | | mg/l | 0.00100 | 0.00044 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Potassium, Total | ND | | mg/l | 0.100 | 0.0309 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Sodium, Total | ND | | mg/l | 0.100 | 0.0293 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Thallium, Total | 0.00022 | J | mg/l | 0.00150 | 0.00014 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/01/20 04:44 | 10/01/20 15:44 | 1,6020B | AM |

**Prep Information**

Digestion Method: EPA 3005A

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 05-09 Batch: WG1416439-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/01/20 07:30 | 10/01/20 16:21 | 1,7470A | AL |

**Prep Information**

Digestion Method: EPA 7470A

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1416039-2 SRM Lot Number: D109-540 | | | | | | | | |
| Aluminum, Total | 62 | | - | | 50-150 | - | | |
| Antimony, Total | 129 | | - | | 19-250 | - | | |
| Arsenic, Total | 86 | | - | | 70-130 | - | | |
| Barium, Total | 87 | | - | | 75-125 | - | | |
| Beryllium, Total | 93 | | - | | 75-125 | - | | |
| Cadmium, Total | 89 | | - | | 75-125 | - | | |
| Calcium, Total | 84 | | - | | 73-128 | - | | |
| Chromium, Total | 88 | | - | | 70-130 | - | | |
| Cobalt, Total | 92 | | - | | 75-125 | - | | |
| Copper, Total | 86 | | - | | 75-125 | - | | |
| Iron, Total | 78 | | - | | 35-165 | - | | |
| Lead, Total | 80 | | - | | 72-128 | - | | |
| Magnesium, Total | 77 | | - | | 62-138 | - | | |
| Manganese, Total | 86 | | - | | 74-126 | - | | |
| Nickel, Total | 90 | | - | | 70-130 | - | | |
| Potassium, Total | 76 | | - | | 59-141 | - | | |
| Selenium, Total | 90 | | - | | 68-132 | - | | |
| Silver, Total | 82 | | - | | 68-131 | - | | |
| Sodium, Total | 108 | | - | | 35-165 | - | | |
| Thallium, Total | 85 | | - | | 68-131 | - | | |
| Vanadium, Total | 85 | | - | | 59-141 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1416039-2 SRM Lot Number: D109-540 | | | | | |
| Zinc, Total | 83 | - | 70-130 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1416041-2 SRM Lot Number: D109-540 | | | | | |
| Mercury, Total | 96 | - | 60-140 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 05-09 Batch: WG1416436-2 | | | | | |
| Aluminum, Total | 100 | - | 80-120 | - | |
| Antimony, Total | 96 | - | 80-120 | - | |
| Arsenic, Total | 106 | - | 80-120 | - | |
| Barium, Total | 102 | - | 80-120 | - | |
| Beryllium, Total | 103 | - | 80-120 | - | |
| Cadmium, Total | 108 | - | 80-120 | - | |
| Calcium, Total | 105 | - | 80-120 | - | |
| Chromium, Total | 97 | - | 80-120 | - | |
| Cobalt, Total | 100 | - | 80-120 | - | |
| Copper, Total | 100 | - | 80-120 | - | |
| Iron, Total | 107 | - | 80-120 | - | |
| Lead, Total | 107 | - | 80-120 | - | |
| Magnesium, Total | 112 | - | 80-120 | - | |
| Manganese, Total | 98 | - | 80-120 | - | |
| Nickel, Total | 97 | - | 80-120 | - | |
| Potassium, Total | 109 | - | 80-120 | - | |
| Selenium, Total | 111 | - | 80-120 | - | |
| Silver, Total | 106 | - | 80-120 | - | |
| Sodium, Total | 111 | - | 80-120 | - | |
| Thallium, Total | 107 | - | 80-120 | - | |
| Vanadium, Total | 95 | - | 80-120 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 05-09 Batch: WG1416436-2 | | | | | |
| Zinc, Total | 106 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 05-09 Batch: WG1416439-2 | | | | | |
| Mercury, Total | 100 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1416039-3 QC Sample: L2040718-11 Client ID: MS Sample | | | | | | | | | | | | |
| Aluminum, Total | 12500 | 190 | 11800 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 1.13J | 47.6 | 26.6 | **56** | Q | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 9.29 | 11.4 | 15.5 | **54** | Q | - | - | | 75-125 | - | | 20 |
| Barium, Total | 32.6 | 190 | 186 | 80 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.691 | 4.76 | 3.52 | **59** | Q | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | ND | 4.86 | 2.42 | **50** | Q | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 1130 | 952 | 1680 | **58** | Q | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 16.6 | 19 | 30.8 | **74** | Q | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 6.29 | 47.6 | 33.0 | **56** | Q | - | - | | 75-125 | - | | 20 |
| Copper, Total | 10.9 | 23.8 | 24.9 | **59** | Q | - | - | | 75-125 | - | | 20 |
| Iron, Total | 24700 | 95.2 | 20300 | **0** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 12.5 | 48.6 | 40.4 | **57** | Q | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 465 | 952 | 1370 | 95 | | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 174 | 47.6 | 257 | **174** | Q | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 10.9 | 47.6 | 34.8 | **50** | Q | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 356 | 952 | 989 | **66** | Q | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 11.4 | 6.32 | **55** | Q | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 28.6 | 17.4 | **61** | Q | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 11.9J | 952 | 620 | **65** | Q | - | - | | 75-125 | - | | 20 |
| Thallium, Total | 0.301J | 11.4 | 6.51 | **57** | Q | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 27.5 | 47.6 | 56.7 | **61** | Q | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1416039-3 QC Sample: L2040718-11 Client ID: MS Sample | | | | | | | | | | |
| Zinc, Total | 20.5 | 47.6 | 51.9 | **66** | Q | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1416041-3 QC Sample: L2041539-01 Client ID: MS Sample | | | | | | | | | | |
| Mercury, Total | ND | 0.144 | 0.218 | **151** | Q | - | - | 80-120 | - | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 05-09 QC Batch ID: WG1416436-3 WG1416436-4 QC Sample: L2041012-03 Client ID: MS Sample | | | | | | | | | | | |
| Aluminum, Total | ND | 2 | 1.96 | 98 | | 2.00 | 100 | | 75-125 | 2 | 20 |
| Antimony, Total | 0.00144J | 0.5 | 0.4732 | 95 | | 0.4958 | 99 | | 75-125 | 5 | 20 |
| Arsenic, Total | 0.00099 | 0.12 | 0.1322 | 109 | | 0.1324 | 110 | | 75-125 | 0 | 20 |
| Barium, Total | 0.05268 | 2 | 2.149 | 105 | | 2.156 | 105 | | 75-125 | 0 | 20 |
| Beryllium, Total | ND | 0.05 | 0.05246 | 105 | | 0.05212 | 104 | | 75-125 | 1 | 20 |
| Cadmium, Total | 0.00008J | 0.051 | 0.05525 | 108 | | 0.05527 | 108 | | 75-125 | 0 | 20 |
| Calcium, Total | 310. | 10 | 313 | **30** | Q | 316 | **60** | Q | 75-125 | 1 | 20 |
| Chromium, Total | ND | 0.2 | 0.1974 | 99 | | 0.1966 | 98 | | 75-125 | 0 | 20 |
| Cobalt, Total | 0.00203 | 0.5 | 0.5130 | 102 | | 0.5094 | 101 | | 75-125 | 1 | 20 |
| Copper, Total | 0.00174 | 0.25 | 0.2579 | 102 | | 0.2560 | 102 | | 75-125 | 1 | 20 |
| Iron, Total | 0.162 | 1 | 1.28 | 112 | | 1.35 | 119 | | 75-125 | 5 | 20 |
| Lead, Total | ND | 0.51 | 0.5493 | 108 | | 0.5456 | 107 | | 75-125 | 1 | 20 |
| Magnesium, Total | 110. | 10 | 116 | **60** | Q | 123 | **130** | Q | 75-125 | 6 | 20 |
| Manganese, Total | 2.016 | 0.5 | 2.423 | 81 | | 2.478 | 92 | | 75-125 | 2 | 20 |
| Nickel, Total | 0.02818 | 0.5 | 0.5181 | 98 | | 0.5389 | 102 | | 75-125 | 4 | 20 |
| Potassium, Total | 16.7 | 10 | 27.0 | 103 | | 28.0 | 113 | | 75-125 | 4 | 20 |
| Selenium, Total | ND | 0.12 | 0.127 | 106 | | 0.130 | 108 | | 75-125 | 2 | 20 |
| Silver, Total | ND | 0.05 | 0.05198 | 104 | | 0.05197 | 104 | | 75-125 | 0 | 20 |
| Sodium, Total | 163. | 10 | 159 | **0** | Q | 167 | **40** | Q | 75-125 | 5 | 20 |
| Thallium, Total | 0.00029J | 0.12 | 0.1306 | 109 | | 0.1310 | 109 | | 75-125 | 0 | 20 |
| Vanadium, Total | ND | 0.5 | 0.4782 | 96 | | 0.4967 | 99 | | 75-125 | 4 | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 05-09 QC Batch ID: WG1416436-3 WG1416436-4 QC Sample: L2041012-03 Client ID: MS Sample | | | | | | | | | |
| Zinc, Total | ND | 0.5 | 0.5229 | 104 | 0.5252 | 105 | 75-125 | 0 | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 05-09 QC Batch ID: WG1416439-3 WG1416439-4 QC Sample: L2041012-03 Client ID: MS Sample | | | | | | | | | |
| Mercury, Total | ND | 0.005 | 0.00455 | 91 | 0.00452 | 90 | 75-125 | 1 | 20 |

# Lab Duplicate Analysis
## *Batch Quality Control*

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

***Lab Number:*** L2040743
***Report Date:*** 10/08/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1416039-4 QC Sample: L2040718-11 Client ID: DUP Sample | | | | | | |
| Arsenic, Total | 9.29 | 9.81 | mg/kg | 5 | | 20 |
| Barium, Total | 32.6 | 29.7 | mg/kg | 9 | | 20 |
| Cadmium, Total | ND | ND | mg/kg | NC | | 20 |
| Chromium, Total | 16.6 | 15.8 | mg/kg | 5 | | 20 |
| Lead, Total | 12.5 | 10.8 | mg/kg | 15 | | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | | 20 |
| Silver, Total | ND | ND | mg/kg | NC | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1416041-4 QC Sample: L2041539-01 Client ID: DUP Sample | | | | | | |
| Mercury, Total | ND | 0.051J | mg/kg | NC | | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-01
Client ID: SB-1 (7'-8')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/24/20 13:15
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.5 | | % | 0.100 | NA | 1 | - | 09/26/20 09:49 | 121,2540G | RI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.22 | 1 | 09/30/20 19:00 | 10/01/20 15:32 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-02
Client ID: SB-2 (9'-10')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil
Date Collected: 09/24/20 14:30
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.4 | | % | 0.100 | NA | 1 | - | 09/26/20 09:49 | 121,2540G | RI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 09/30/20 19:00 | 10/01/20 15:33 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-03
Client ID: SB-3 (4'-5')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/24/20 16:15
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.8 | | % | 0.100 | NA | 1 | - | 09/26/20 09:49 | 121,2540G | RI |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 09/30/20 19:00 | 10/01/20 15:34 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-04
Client ID: SB-4 (1'-2')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/25/20 12:45
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 84.6 | | % | 0.100 | NA | 1 | - | 09/26/20 09:49 | 121,2540G | RI |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 09/30/20 19:00 | 10/01/20 15:35 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-05
Client ID: GW-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 09/30/20 16:25 | 10/01/20 11:50 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-06
Client ID: GW-2
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Water

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | 0.005 | | mg/l | 0.005 | 0.001 | 1 | 09/30/20 16:25 | 10/01/20 11:51 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-07
Client ID: GW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 09/29/20 23:10 | 09/30/20 17:27 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-08
Client ID: GW-4
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Water

Date Collected: 09/24/20 10:30
Date Received: 09/25/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 09/29/20 23:10 | 09/30/20 17:28 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## SAMPLE RESULTS

Lab ID: L2040743-09
Client ID: GW-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:00
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | 0.006 | | mg/l | 0.005 | 0.001 | 1 | 09/29/20 23:10 | 09/30/20 17:29 | 1,9010C/9012B | AG |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040743
**Report Date:** 10/08/20

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1416092-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 09/29/20 23:10 | 09/30/20 17:01 | 1,9010C/9012B | AG |
| General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG1416486-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 09/30/20 16:25 | 10/01/20 11:53 | 1,9010C/9012B | AG |
| General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1416567-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.94 | 0.20 | 1 | 09/30/20 19:00 | 10/01/20 14:55 | 1,9010C/9012B | AG |
| General Chemistry - Westborough Lab for sample(s): 03-04 Batch: WG1416568-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.94 | 0.20 | 1 | 09/30/20 19:00 | 10/01/20 16:39 | 1,9010C/9012B | AG |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040743

**Report Date:** 10/08/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1416092-2 WG1416092-3 | | | | | | | | |
| Cyanide, Total | 95 | | 95 | | 85-115 | 0 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG1416486-2 WG1416486-3 | | | | | | | | |
| Cyanide, Total | 85 | | 93 | | 85-115 | 9 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1416567-2 WG1416567-3 | | | | | | | | |
| Cyanide, Total | **69** | Q | **71** | Q | 80-120 | 2 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 03-04 Batch: WG1416568-2 WG1416568-3 | | | | | | | | |
| Cyanide, Total | **69** | Q | **70** | Q | 80-120 | 2 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1416092-4 WG1416092-5 QC Sample: L2040015-08 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 0.2 | 0.202 | 101 | | 0.204 | 102 | | 80-120 | 1 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1416486-4 WG1416486-5 QC Sample: L2040315-02 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 0.002J | 0.2 | 0.178 | 89 | | 0.177 | 88 | | 80-120 | 1 | | 20 |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1416567-4 WG1416567-5 QC Sample: L2040645-12 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 11 | 9.8 | 90 | | 9.4 | 90 | | 75-125 | 4 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1416568-4 WG1416568-5 QC Sample: L2040928-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 10 | 9.1 | 88 | | 9.0 | 82 | | 75-125 | 1 | | 35 |

# Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

***Lab Number:*** L2040743

***Report Date:*** 10/08/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1414882-1 QC Sample: L2040706-01 Client ID: DUP Sample | | | | | | |
| Solids, Total | 88.4 | 86.8 | % | 2 | | 20 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040743-01A | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-01B | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-01C | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-01D | Plastic 2oz unpreserved for TS | A | NA | | 6.0 | Y | Absent | | TS(7) |
| L2040743-01E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 6.0 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180) |
| L2040743-01F | Glass 250ml/8oz unpreserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2040743-01X | Vial MeOH preserved split | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-01Y | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-01Z | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-02A | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-02B | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-02C | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-02D | Plastic 2oz unpreserved for TS | A | NA | | 6.0 | Y | Absent | | TS(7) |
| L2040743-02E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 6.0 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2040743-02F | Glass 250ml/8oz unpreserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2040743-02X | Vial MeOH preserved split | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-02Y | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040743-02Z | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-03A | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-03B | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-03C | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-03D | Plastic 2oz unpreserved for TS | A | NA | | 6.0 | Y | Absent | | TS(7) |
| L2040743-03E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 6.0 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180) |
| L2040743-03F | Glass 250ml/8oz unpreserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2040743-03X | Vial MeOH preserved split | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-03Y | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-03Z | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-04A | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-04B | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-04C | 5 gram Encore Sampler | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-04D | Plastic 2oz unpreserved for TS | A | NA | | 6.0 | Y | Absent | | TS(7) |
| L2040743-04E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 6.0 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180) |
| L2040743-04F | Glass 250ml/8oz unpreserved | A | NA | | 6.0 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2040743-04X | Vial MeOH preserved split | A | NA | | 6.0 | Y | Absent | | NYTCL-8260HLW(14) |
| L2040743-04Y | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-04Z | Vial Water preserved split | A | NA | | 6.0 | Y | Absent | 26-SEP-20 05:49 | NYTCL-8260HLW(14) |
| L2040743-05A | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-05B | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-05C | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-05D | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040743-05E | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-05F | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-05G | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-05I | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-05J | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-05K | Plastic 250ml NaOH preserved | A | >12 | >12 | 6.0 | Y | Absent | | TCN-9010(14) |
| L2040743-05L | Plastic 250ml HNO3 preserved | A | <2 | <2 | 6.0 | Y | Absent | | SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180) |
| L2040743-06A | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-06B | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-06C | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-06D | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-06E | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-06F | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-06G | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-06I | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-06J | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-06K | Plastic 250ml NaOH preserved | A | >12 | >12 | 6.0 | Y | Absent | | TCN-9010(14) |
| L2040743-06L | Plastic 250ml HNO3 preserved | A | <2 | <2 | 6.0 | Y | Absent | | BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),CO-6020T(180) |
| L2040743-07A | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-07B | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |



*Values in parentheses indicate holding time in days

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040743-07C | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-07D | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-07E | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-07F | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-07G | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-07I | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-07J | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-07K | Plastic 250ml NaOH preserved | A | >12 | >12 | 6.0 | Y | Absent | | TCN-9010(14) |
| L2040743-07L | Plastic 250ml HNO3 preserved | A | <2 | <2 | 6.0 | Y | Absent | | BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180) |
| L2040743-08A | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-08B | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-08C | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-08D | Plastic 250ml unpreserved | A | NA | | 6.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2040743-08E | Plastic 250ml unpreserved | A | NA | | 6.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2040743-08F | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-08G | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-08H | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-08I | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-08J | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2040743-08K | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2040743-08L | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-08M | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-08N | Plastic 250ml NaOH preserved | A | >12 | >12 | 6.0 | Y | Absent | | TCN-9010(14) |



*Values in parentheses indicate holding time in days

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

***Container Information***

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040743-08O | Plastic 250ml HNO3 preserved | A | <2 | <2 | 6.0 | Y | Absent | | BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180) |
| L2040743-09A | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-09B | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-09C | Vial HCl preserved | A | NA | | 6.0 | Y | Absent | | NYTCL-8260(14) |
| L2040743-09D | Plastic 250ml unpreserved | A | NA | | 6.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2040743-09E | Plastic 250ml unpreserved | A | NA | | 6.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2040743-09F | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-09G | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-09H | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-09I | Amber 120ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8081(7),NYTCL-8082-LVI(7) |
| L2040743-09J | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2040743-09K | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2040743-09L | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-09M | Amber 250ml unpreserved | A | 7 | 7 | 6.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2040743-09N | Plastic 250ml NaOH preserved | A | >12 | >12 | 6.0 | Y | Absent | | TCN-9010(14) |
| L2040743-09O | Plastic 250ml HNO3 preserved | A | <2 | <2 | 6.0 | Y | Absent | | SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180) |



*Values in parentheses indicate holding time in days

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040743
**Report Date:** 10/08/20

## PFAS PARAMETER SUMMARY

| Parameter | Acronym | CAS Number |
|---|---|---|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs) | | |
| Perfluorooctadecanoic Acid | PFODA | 16517-11-6 |
| Perfluorohexadecanoic Acid | PFHxDA | 67905-19-5 |
| Perfluorotetradecanoic Acid | PFTA | 376-06-7 |
| Perfluorotridecanoic Acid | PFTrDA | 72629-94-8 |
| Perfluorododecanoic Acid | PFDoA | 307-55-1 |
| Perfluoroundecanoic Acid | PFUnA | 2058-94-8 |
| Perfluorodecanoic Acid | PFDA | 335-76-2 |
| Perfluorononanoic Acid | PFNA | 375-95-1 |
| Perfluorooctanoic Acid | PFOA | 335-67-1 |
| Perfluoroheptanoic Acid | PFHpA | 375-85-9 |
| Perfluorohexanoic Acid | PFHxA | 307-24-4 |
| Perfluoropentanoic Acid | PFPeA | 2706-90-3 |
| Perfluorobutanoic Acid | PFBA | 375-22-4 |
| PERFLUOROALKYL SULFONIC ACIDS (PFSAs) | | |
| Perfluorododecanesulfonic Acid | PFDoDS | 79780-39-5 |
| Perfluorodecanesulfonic Acid | PFDS | 335-77-3 |
| Perfluorononanesulfonic Acid | PFNS | 68259-12-1 |
| Perfluorooctanesulfonic Acid | PFOS | 1763-23-1 |
| Perfluoroheptanesulfonic Acid | PFHpS | 375-92-8 |
| Perfluorohexanesulfonic Acid | PFHxS | 355-46-4 |
| Perfluoropentanesulfonic Acid | PFPeS | 2706-91-4 |
| Perfluorobutanesulfonic Acid | PFBS | 375-73-5 |
| FLUOROTELOMERS | | |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid | 10:2FTS | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid | 8:2FTS | 39108-34-4 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid | 6:2FTS | 27619-97-2 |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid | 4:2FTS | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs) | | |
| Perfluorooctanesulfonamide | FOSA | 754-91-6 |
| N-Ethyl Perfluorooctane Sulfonamide | NEtFOSA | 4151-50-2 |
| N-Methyl Perfluorooctane Sulfonamide | NMeFOSA | 31506-32-8 |
| PERFLUOROALKANE SULFONYL SUBSTANCES | | |
| N-Ethyl Perfluorooctanesulfonamido Ethanol | NEtFOSE | 1691-99-2 |
| N-Methyl Perfluorooctanesulfonamido Ethanol | NMeFOSE | 24448-09-7 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid | NEtFOSAA | 2991-50-6 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid | NMeFOSAA | 2355-31-9 |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS | | |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA | 13252-13-6 |
| 4,8-Dioxa-3h-Perfluorononanoic Acid | ADONA | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid | 9Cl-PF3ONS | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs) | | |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid | PFEESA | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs) | | |
| Perfluoro-3-Methoxypropanoic Acid | PFMPA | 377-73-1 |
| Perfluoro-4-Methoxybutanoic Acid | PFMBA | 863090-89-5 |
| Nonafluoro-3,6-Dioxaheptanoic Acid | NFDHA | 151772-58-6 |

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

***Data Qualifiers***

the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040743 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/08/20 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270D:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**EPA TO-12** Non-methane organics
**EPA 3C** Fixed gases
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 332**: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 09/25/20

ALPHA Job #: L2040743

**Client Information**
Client: SEST
Address: 120 Maple Ave, Pine Brook, NJ
Phone: 973-808-9050
Fax:
Email: AA@SESS.ORG

**Project Information**
Project Name: Westchester County
Project Location: New Rochelle, NY
Project #: 11513.2
(Use Project name as Project #)
Project Manager: Andrew Allen
ALPHAQuote #:

**Turn-Around Time**
Standard: [X] Due Date:
Rush (only if pre approved): [ ] # of Days:

**Deliverables**
[ ] ASP-A [ ] ASP-B
[X] EQuIS (1 File) [X] EQuIS (4 File)
[ ] Other

**Billing Information**
[ ] Same as Client Info
PO #

**Regulatory Requirement**
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[X] NY Restricted Use [ ] Other
[X] NY Unrestricted Use
[ ] NYC Sewer Discharge

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
[ ] Done
[ ] Lab to do
**Preservation**
[ ] Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TAL+30 ITAL | PFAAS | 1-4, D 10 Volume | Sample Specific Comments | Total Bottle |
|---|---|---|---|---|---|---|---|---|---|---|
| 40743-01 | SB-1 (7'-8') | 9-24-20 | 13:15 | Soil | JRN | X | | | | |
| -02 | SB-2 (9-10') | | 14:30 | | | X | | | | |
| -03 | SB-3 (4'-5') | | 16:15 | | | X | | | | |
| -04 | SB-4 (1'-2') | 9-25-20 | 12:45 | | | X | | | | |
| -05 | GW-1 | 9-24-20 | 10:30 | GW | | X | | | | |
| -06 | GW-2 | | 17:40 | | | X | | | | |
| -07 | GW-3 | | 15:00 | | | X | | | | |
| -08 | GW-4 | | 16:45 | | | X | X | X | | |
| -09 | GW-6 | 9-25-20 | 12:00 | | | X | X | X | | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Container Type | | | | | | | | | |
| Preservative | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| John Norgrove | 9-25-2020 | GJAC (AAL) | 9/25/20 18:15 |
| GJAC (AAL) | 9/25/20 19:35 | AAL | 9/25/20 19:45 |
| AAL | 9/25/20 23:00 | | |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

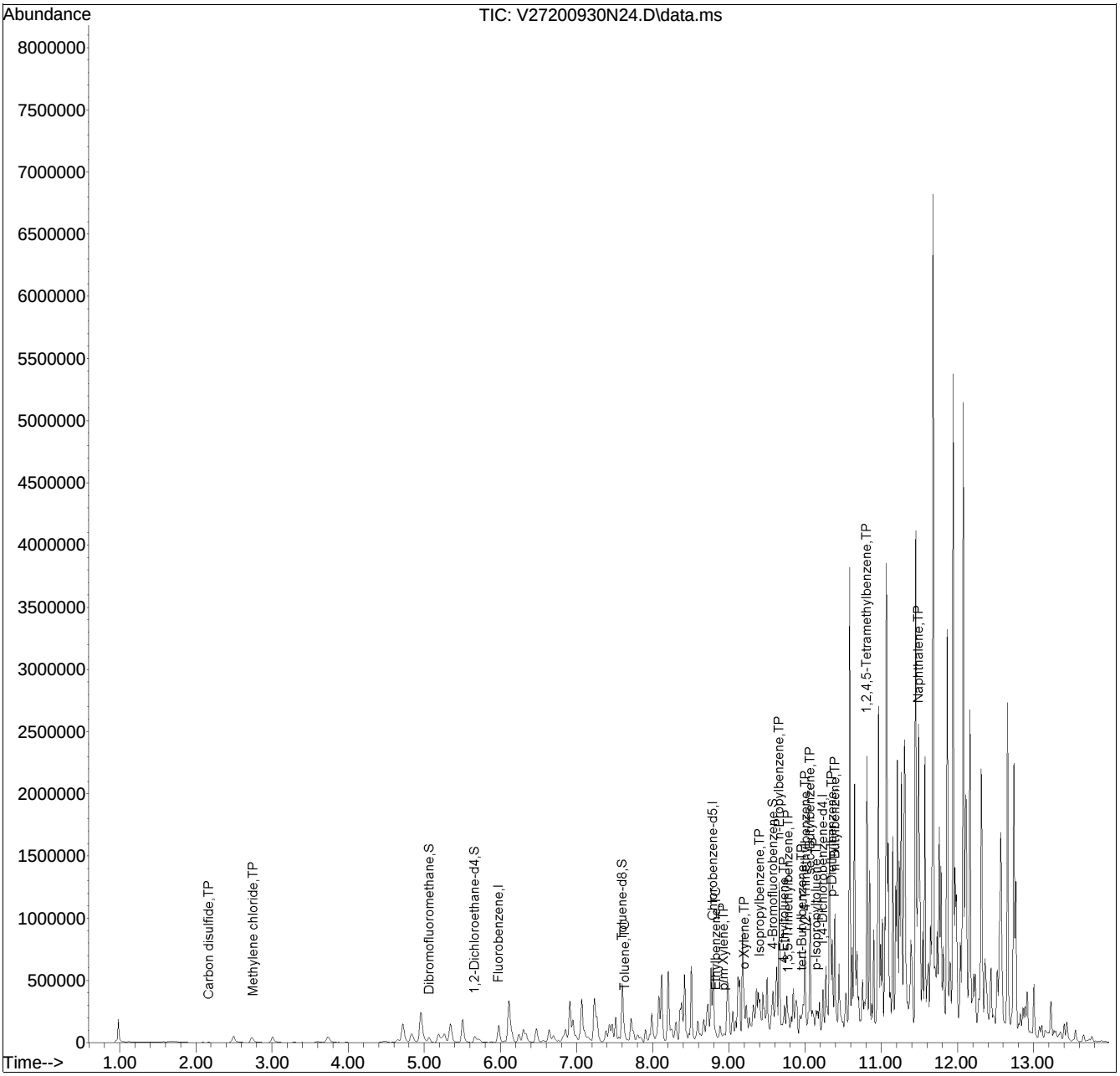
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA127\2020\200930N\
Data File : V27200930N24.D
Acq On : 30 Sep 2020 11:49 pm
Operator : VOA127:JC
Sample : l2040743-02,31H,5.51,5,0.100,,x
Misc : WG1416805,ICAL17096
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 01 07:22:44 2020
Quant Method : I:\VOLATILES\VOA127\2020\200930N\V127_200901A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Sep 02 14:15:31 2020
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox00930N\V27200930N01.D•



# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2040791 |
| Client: | Soils Engineering Services, Inc.<br>12A Maple Avenue<br>Pine Brook, NJ 07058 |
| ATTN: | Andrew Allen |
| Phone: | (973) 808-9050 |
| Project Name: | WESTCHESTER COUNTY |
| Project Number: | 11513:2 |
| Report Date: | 10/02/20 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2040791-01 | SV-1 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 09:58 | 09/25/20 |
| L2040791-02 | SV-2 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 09:13 | 09/25/20 |
| L2040791-03 | SV-3 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 09:15 | 09/25/20 |
| L2040791-04 | SV-4 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 13:14 | 09/25/20 |
| L2040791-05 | SV-5 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 12:40 | 09/25/20 |
| L2040791-06 | SV-6 | SOIL_VAPOR | NEW ROCHELLE, NY | 09/25/20 12:50 | 09/25/20 |
| L2040791-07 | UNUSED CAN #3218 | SOIL_VAPOR | NEW ROCHELLE, NY | | 09/25/20 |
| L2040791-08 | UNUSED CAN #508 | SOIL_VAPOR | NEW ROCHELLE, NY | | 09/25/20 |
| L2040791-09 | UNUSED CAN #2437 | SOIL_VAPOR | NEW ROCHELLE, NY | | 09/25/20 |

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040791 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/02/20 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040791 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/02/20 |

**Case Narrative (continued)**

Volatile Organics in Air

Canisters were released from the laboratory on September 23, 2020. The canister certification results are provided as an addendum.

L2040791-01, -02, and -06: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2040791-04 and -05: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/02/20

# AIR

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:58
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/02/20 03:46
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.25 | -- | ND | 6.18 | -- | | 6.25 |
| Chloromethane | ND | 1.25 | -- | ND | 2.58 | -- | | 6.25 |
| Freon-114 | ND | 1.25 | -- | ND | 8.74 | -- | | 6.25 |
| Vinyl chloride | ND | 1.25 | -- | ND | 3.20 | -- | | 6.25 |
| 1,3-Butadiene | 27.0 | 1.25 | -- | 59.7 | 2.77 | -- | | 6.25 |
| Bromomethane | ND | 1.25 | -- | ND | 4.85 | -- | | 6.25 |
| Chloroethane | ND | 1.25 | -- | ND | 3.30 | -- | | 6.25 |
| Ethanol | 58.1 | 31.2 | -- | 109 | 58.8 | -- | | 6.25 |
| Vinyl bromide | ND | 1.25 | -- | ND | 5.47 | -- | | 6.25 |
| Acetone | 62.3 | 6.25 | -- | 148 | 14.8 | -- | | 6.25 |
| Trichlorofluoromethane | 1.68 | 1.25 | -- | 9.44 | 7.02 | -- | | 6.25 |
| Isopropanol | 13.1 | 3.12 | -- | 32.2 | 7.67 | -- | | 6.25 |
| 1,1-Dichloroethene | ND | 1.25 | -- | ND | 4.96 | -- | | 6.25 |
| Tertiary butyl Alcohol | ND | 3.12 | -- | ND | 9.46 | -- | | 6.25 |
| Methylene chloride | ND | 3.12 | -- | ND | 10.8 | -- | | 6.25 |
| 3-Chloropropene | ND | 1.25 | -- | ND | 3.91 | -- | | 6.25 |
| Carbon disulfide | 3.01 | 1.25 | -- | 9.37 | 3.89 | -- | | 6.25 |
| Freon-113 | ND | 1.25 | -- | ND | 9.58 | -- | | 6.25 |
| trans-1,2-Dichloroethene | ND | 1.25 | -- | ND | 4.96 | -- | | 6.25 |
| 1,1-Dichloroethane | ND | 1.25 | -- | ND | 5.06 | -- | | 6.25 |
| Methyl tert butyl ether | ND | 1.25 | -- | ND | 4.51 | -- | | 6.25 |
| 2-Butanone | 10.9 | 3.12 | -- | 32.1 | 9.20 | -- | | 6.25 |
| cis-1,2-Dichloroethene | ND | 1.25 | -- | ND | 4.96 | -- | | 6.25 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:58
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 3.12 | -- | ND | 11.2 | -- | | 6.25 |
| Chloroform | ND | 1.25 | -- | ND | 6.10 | -- | | 6.25 |
| Tetrahydrofuran | 84.7 | 3.12 | -- | 250 | 9.20 | -- | | 6.25 |
| 1,2-Dichloroethane | ND | 1.25 | -- | ND | 5.06 | -- | | 6.25 |
| n-Hexane | 210 | 1.25 | -- | 740 | 4.41 | -- | | 6.25 |
| 1,1,1-Trichloroethane | ND | 1.25 | -- | ND | 6.82 | -- | | 6.25 |
| Benzene | 74.6 | 1.25 | -- | 238 | 3.99 | -- | | 6.25 |
| Carbon tetrachloride | ND | 1.25 | -- | ND | 7.86 | -- | | 6.25 |
| Cyclohexane | 37.2 | 1.25 | -- | 128 | 4.30 | -- | | 6.25 |
| 1,2-Dichloropropane | ND | 1.25 | -- | ND | 5.78 | -- | | 6.25 |
| Bromodichloromethane | ND | 1.25 | -- | ND | 8.37 | -- | | 6.25 |
| 1,4-Dioxane | ND | 1.25 | -- | ND | 4.50 | -- | | 6.25 |
| Trichloroethene | ND | 1.25 | -- | ND | 6.72 | -- | | 6.25 |
| 2,2,4-Trimethylpentane | 64.1 | 1.25 | -- | 299 | 5.84 | -- | | 6.25 |
| Heptane | 118 | 1.25 | -- | 484 | 5.12 | -- | | 6.25 |
| cis-1,3-Dichloropropene | ND | 1.25 | -- | ND | 5.67 | -- | | 6.25 |
| 4-Methyl-2-pentanone | ND | 3.12 | -- | ND | 12.8 | -- | | 6.25 |
| trans-1,3-Dichloropropene | ND | 1.25 | -- | ND | 5.67 | -- | | 6.25 |
| 1,1,2-Trichloroethane | ND | 1.25 | -- | ND | 6.82 | -- | | 6.25 |
| Toluene | 399 | 1.25 | -- | 1500 | 4.71 | -- | | 6.25 |
| 2-Hexanone | ND | 1.25 | -- | ND | 5.12 | -- | | 6.25 |
| Dibromochloromethane | ND | 1.25 | -- | ND | 10.6 | -- | | 6.25 |
| 1,2-Dibromoethane | ND | 1.25 | -- | ND | 9.61 | -- | | 6.25 |
| Tetrachloroethene | 10.9 | 1.25 | -- | 73.9 | 8.48 | -- | | 6.25 |
| Chlorobenzene | ND | 1.25 | -- | ND | 5.76 | -- | | 6.25 |
| Ethylbenzene | 70.2 | 1.25 | -- | 305 | 5.43 | -- | | 6.25 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:58
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| p/m-Xylene | 297 | 2.50 | -- | 1290 | 10.9 | -- | | 6.25 |
| Bromoform | ND | 1.25 | -- | ND | 12.9 | -- | | 6.25 |
| Styrene | ND | 1.25 | -- | ND | 5.32 | -- | | 6.25 |
| 1,1,2,2-Tetrachloroethane | ND | 1.25 | -- | ND | 8.58 | -- | | 6.25 |
| o-Xylene | 117 | 1.25 | -- | 508 | 5.43 | -- | | 6.25 |
| 4-Ethyltoluene | 11.8 | 1.25 | -- | 58.0 | 6.15 | -- | | 6.25 |
| 1,3,5-Trimethylbenzene | 26.4 | 1.25 | -- | 130 | 6.15 | -- | | 6.25 |
| 1,2,4-Trimethylbenzene | 94.0 | 1.25 | -- | 462 | 6.15 | -- | | 6.25 |
| Benzyl chloride | ND | 1.25 | -- | ND | 6.47 | -- | | 6.25 |
| 1,3-Dichlorobenzene | ND | 1.25 | -- | ND | 7.52 | -- | | 6.25 |
| 1,4-Dichlorobenzene | ND | 1.25 | -- | ND | 7.52 | -- | | 6.25 |
| 1,2-Dichlorobenzene | ND | 1.25 | -- | ND | 7.52 | -- | | 6.25 |
| 1,2,4-Trichlorobenzene | ND | 1.25 | -- | ND | 9.28 | -- | | 6.25 |
| Hexachlorobutadiene | ND | 1.25 | -- | ND | 13.3 | -- | | 6.25 |

| **Internal Standard** | **% Recovery** | **Qualifier** | **Acceptance Criteria** |
|---|---|---|---|
| 1,4-Difluorobenzene | 102 | | 60-140 |
| Bromochloromethane | 99 | | 60-140 |
| chlorobenzene-d5 | 104 | | 60-140 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:13
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/02/20 04:24
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 7.41 | -- | ND | 36.6 | -- | | 37.04 |
| Chloromethane | ND | 7.41 | -- | ND | 15.3 | -- | | 37.04 |
| Freon-114 | ND | 7.41 | -- | ND | 51.8 | -- | | 37.04 |
| Vinyl chloride | ND | 7.41 | -- | ND | 18.9 | -- | | 37.04 |
| 1,3-Butadiene | ND | 7.41 | -- | ND | 16.4 | -- | | 37.04 |
| Bromomethane | ND | 7.41 | -- | ND | 28.8 | -- | | 37.04 |
| Chloroethane | ND | 7.41 | -- | ND | 19.6 | -- | | 37.04 |
| Ethanol | ND | 185 | -- | ND | 349 | -- | | 37.04 |
| Vinyl bromide | ND | 7.41 | -- | ND | 32.4 | -- | | 37.04 |
| Acetone | ND | 37.0 | -- | ND | 87.9 | -- | | 37.04 |
| Trichlorofluoromethane | ND | 7.41 | -- | ND | 41.6 | -- | | 37.04 |
| Isopropanol | 36.3 | 18.5 | -- | 89.2 | 45.5 | -- | | 37.04 |
| 1,1-Dichloroethene | ND | 7.41 | -- | ND | 29.4 | -- | | 37.04 |
| Tertiary butyl Alcohol | 48.2 | 18.5 | -- | 146 | 56.1 | -- | | 37.04 |
| Methylene chloride | ND | 18.5 | -- | ND | 64.3 | -- | | 37.04 |
| 3-Chloropropene | ND | 7.41 | -- | ND | 23.2 | -- | | 37.04 |
| Carbon disulfide | 15.3 | 7.41 | -- | 47.6 | 23.1 | -- | | 37.04 |
| Freon-113 | ND | 7.41 | -- | ND | 56.8 | -- | | 37.04 |
| trans-1,2-Dichloroethene | ND | 7.41 | -- | ND | 29.4 | -- | | 37.04 |
| 1,1-Dichloroethane | ND | 7.41 | -- | ND | 30.0 | -- | | 37.04 |
| Methyl tert butyl ether | ND | 7.41 | -- | ND | 26.7 | -- | | 37.04 |
| 2-Butanone | ND | 18.5 | -- | ND | 54.6 | -- | | 37.04 |
| cis-1,2-Dichloroethene | ND | 7.41 | -- | ND | 29.4 | -- | | 37.04 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:13
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 18.5 | -- | ND | 66.7 | -- | | 37.04 |
| Chloroform | ND | 7.41 | -- | ND | 36.2 | -- | | 37.04 |
| Tetrahydrofuran | 43.8 | 18.5 | -- | 129 | 54.6 | -- | | 37.04 |
| 1,2-Dichloroethane | ND | 7.41 | -- | ND | 30.0 | -- | | 37.04 |
| n-Hexane | 980 | 7.41 | -- | 3450 | 26.1 | -- | | 37.04 |
| 1,1,1-Trichloroethane | ND | 7.41 | -- | ND | 40.4 | -- | | 37.04 |
| Benzene | 93.3 | 7.41 | -- | 298 | 23.7 | -- | | 37.04 |
| Carbon tetrachloride | ND | 7.41 | -- | ND | 46.6 | -- | | 37.04 |
| Cyclohexane | 551 | 7.41 | -- | 1900 | 25.5 | -- | | 37.04 |
| 1,2-Dichloropropane | ND | 7.41 | -- | ND | 34.2 | -- | | 37.04 |
| Bromodichloromethane | ND | 7.41 | -- | ND | 49.6 | -- | | 37.04 |
| 1,4-Dioxane | ND | 7.41 | -- | ND | 26.7 | -- | | 37.04 |
| Trichloroethene | ND | 7.41 | -- | ND | 39.8 | -- | | 37.04 |
| 2,2,4-Trimethylpentane | 2050 | 7.41 | -- | 9580 | 34.6 | -- | | 37.04 |
| Heptane | 278 | 7.41 | -- | 1140 | 30.4 | -- | | 37.04 |
| cis-1,3-Dichloropropene | ND | 7.41 | -- | ND | 33.6 | -- | | 37.04 |
| 4-Methyl-2-pentanone | ND | 18.5 | -- | ND | 75.8 | -- | | 37.04 |
| trans-1,3-Dichloropropene | ND | 7.41 | -- | ND | 33.6 | -- | | 37.04 |
| 1,1,2-Trichloroethane | ND | 7.41 | -- | ND | 40.4 | -- | | 37.04 |
| Toluene | 398 | 7.41 | -- | 1500 | 27.9 | -- | | 37.04 |
| 2-Hexanone | ND | 7.41 | -- | ND | 30.4 | -- | | 37.04 |
| Dibromochloromethane | ND | 7.41 | -- | ND | 63.1 | -- | | 37.04 |
| 1,2-Dibromoethane | ND | 7.41 | -- | ND | 56.9 | -- | | 37.04 |
| Tetrachloroethene | 46.4 | 7.41 | -- | 315 | 50.2 | -- | | 37.04 |
| Chlorobenzene | ND | 7.41 | -- | ND | 34.1 | -- | | 37.04 |
| Ethylbenzene | 47.7 | 7.41 | -- | 207 | 32.2 | -- | | 37.04 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:13
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| p/m-Xylene | 187 | 14.8 | -- | 812 | 64.3 | -- | | 37.04 |
| Bromoform | ND | 7.41 | -- | ND | 76.6 | -- | | 37.04 |
| Styrene | ND | 7.41 | -- | ND | 31.5 | -- | | 37.04 |
| 1,1,2,2-Tetrachloroethane | ND | 7.41 | -- | ND | 50.9 | -- | | 37.04 |
| o-Xylene | 70.2 | 7.41 | -- | 305 | 32.2 | -- | | 37.04 |
| 4-Ethyltoluene | 8.11 | 7.41 | -- | 39.9 | 36.4 | -- | | 37.04 |
| 1,3,5-Trimethylbenzene | 14.5 | 7.41 | -- | 71.3 | 36.4 | -- | | 37.04 |
| 1,2,4-Trimethylbenzene | 50.0 | 7.41 | -- | 246 | 36.4 | -- | | 37.04 |
| Benzyl chloride | ND | 7.41 | -- | ND | 38.4 | -- | | 37.04 |
| 1,3-Dichlorobenzene | ND | 7.41 | -- | ND | 44.6 | -- | | 37.04 |
| 1,4-Dichlorobenzene | ND | 7.41 | -- | ND | 44.6 | -- | | 37.04 |
| 1,2-Dichlorobenzene | ND | 7.41 | -- | ND | 44.6 | -- | | 37.04 |
| 1,2,4-Trichlorobenzene | ND | 7.41 | -- | ND | 55.0 | -- | | 37.04 |
| Hexachlorobutadiene | ND | 7.41 | -- | ND | 79.0 | -- | | 37.04 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 113 | | 60-140 |
| Bromochloromethane | 104 | | 60-140 |
| chlorobenzene-d5 | 120 | | 60-140 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-03
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/30/20 19:59
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | 0.424 | 0.200 | -- | 2.10 | 0.989 | -- | | 1 |
| Chloromethane | 0.484 | 0.200 | -- | 0.999 | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | 2.14 | 0.200 | -- | 4.73 | 0.442 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | 113 | 5.00 | -- | 213 | 9.42 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acetone | 36.0 | 1.00 | -- | 85.5 | 2.38 | -- | | 1 |
| Trichlorofluoromethane | 0.202 | 0.200 | -- | 1.14 | 1.12 | -- | | 1 |
| Isopropanol | 22.1 | 0.500 | -- | 54.3 | 1.23 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | 0.512 | 0.500 | -- | 1.78 | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-03
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |
| Tetrahydrofuran | 23.0 | 0.500 | -- | 67.8 | 1.47 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | 93.2 | 0.200 | -- | 328 | 0.705 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Benzene | 12.3 | 0.200 | -- | 39.3 | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | 13.3 | 0.200 | -- | 45.8 | 0.688 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | 26.0 | 0.200 | -- | 121 | 0.934 | -- | | 1 |
| Heptane | 10.1 | 0.200 | -- | 41.4 | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | 10.2 | 0.200 | -- | 38.4 | 0.754 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | 0.429 | 0.200 | -- | 1.86 | 0.869 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-03
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 09:15
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| p/m-Xylene | 1.49 | 0.400 | -- | 6.47 | 1.74 | -- | | 1 |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| o-Xylene | 0.514 | 0.200 | -- | 2.23 | 0.869 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,2,4-Trimethylbenzene | 0.443 | 0.200 | -- | 2.18 | 0.983 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | 0.306 | 0.200 | -- | 1.84 | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 110 | | 60-140 |
| Bromochloromethane | 111 | | 60-140 |
| chlorobenzene-d5 | 106 | | 60-140 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-04 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 13:14
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/30/20 21:22
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.67 | -- | ND | 8.26 | -- | | 8.333 |
| Chloromethane | ND | 1.67 | -- | ND | 3.45 | -- | | 8.333 |
| Freon-114 | ND | 1.67 | -- | ND | 11.7 | -- | | 8.333 |
| Vinyl chloride | ND | 1.67 | -- | ND | 4.27 | -- | | 8.333 |
| 1,3-Butadiene | ND | 1.67 | -- | ND | 3.69 | -- | | 8.333 |
| Bromomethane | ND | 1.67 | -- | ND | 6.48 | -- | | 8.333 |
| Chloroethane | ND | 1.67 | -- | ND | 4.41 | -- | | 8.333 |
| Ethanol | 60.8 | 41.7 | -- | 115 | 78.6 | -- | | 8.333 |
| Vinyl bromide | ND | 1.67 | -- | ND | 7.30 | -- | | 8.333 |
| Acetone | ND | 8.33 | -- | ND | 19.8 | -- | | 8.333 |
| Trichlorofluoromethane | 487 | 1.67 | -- | 2740 | 9.38 | -- | | 8.333 |
| Isopropanol | 7.32 | 4.17 | -- | 18.0 | 10.3 | -- | | 8.333 |
| 1,1-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |
| Tertiary butyl Alcohol | ND | 4.17 | -- | ND | 12.6 | -- | | 8.333 |
| Methylene chloride | ND | 4.17 | -- | ND | 14.5 | -- | | 8.333 |
| 3-Chloropropene | 22.3 | 1.67 | -- | 69.8 | 5.23 | -- | | 8.333 |
| Carbon disulfide | ND | 1.67 | -- | ND | 5.20 | -- | | 8.333 |
| Freon-113 | ND | 1.67 | -- | ND | 12.8 | -- | | 8.333 |
| trans-1,2-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |
| 1,1-Dichloroethane | ND | 1.67 | -- | ND | 6.76 | -- | | 8.333 |
| Methyl tert butyl ether | ND | 1.67 | -- | ND | 6.02 | -- | | 8.333 |
| 2-Butanone | 4.98 | 4.17 | -- | 14.7 | 12.3 | -- | | 8.333 |
| cis-1,2-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-04 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 13:14
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 4.17 | -- | ND | 15.0 | -- | | 8.333 |
| Chloroform | ND | 1.67 | -- | ND | 8.16 | -- | | 8.333 |
| Tetrahydrofuran | 84.9 | 4.17 | -- | 250 | 12.3 | -- | | 8.333 |
| 1,2-Dichloroethane | ND | 1.67 | -- | ND | 6.76 | -- | | 8.333 |
| n-Hexane | 159 | 1.67 | -- | 560 | 5.89 | -- | | 8.333 |
| 1,1,1-Trichloroethane | ND | 1.67 | -- | ND | 9.11 | -- | | 8.333 |
| Benzene | 53.9 | 1.67 | -- | 172 | 5.34 | -- | | 8.333 |
| Carbon tetrachloride | ND | 1.67 | -- | ND | 10.5 | -- | | 8.333 |
| Cyclohexane | 30.3 | 1.67 | -- | 104 | 5.75 | -- | | 8.333 |
| 1,2-Dichloropropane | ND | 1.67 | -- | ND | 7.72 | -- | | 8.333 |
| Bromodichloromethane | ND | 1.67 | -- | ND | 11.2 | -- | | 8.333 |
| 1,4-Dioxane | ND | 1.67 | -- | ND | 6.02 | -- | | 8.333 |
| Trichloroethene | 3.51 | 1.67 | -- | 18.9 | 8.97 | -- | | 8.333 |
| 2,2,4-Trimethylpentane | 54.0 | 1.67 | -- | 252 | 7.80 | -- | | 8.333 |
| Heptane | 91.7 | 1.67 | -- | 376 | 6.84 | -- | | 8.333 |
| cis-1,3-Dichloropropene | ND | 1.67 | -- | ND | 7.58 | -- | | 8.333 |
| 4-Methyl-2-pentanone | ND | 4.17 | -- | ND | 17.1 | -- | | 8.333 |
| trans-1,3-Dichloropropene | ND | 1.67 | -- | ND | 7.58 | -- | | 8.333 |
| 1,1,2-Trichloroethane | ND | 1.67 | -- | ND | 9.11 | -- | | 8.333 |
| Toluene | 355 | 1.67 | -- | 1340 | 6.29 | -- | | 8.333 |
| 2-Hexanone | ND | 1.67 | -- | ND | 6.84 | -- | | 8.333 |
| Dibromochloromethane | ND | 1.67 | -- | ND | 14.2 | -- | | 8.333 |
| 1,2-Dibromoethane | ND | 1.67 | -- | ND | 12.8 | -- | | 8.333 |
| Tetrachloroethene | 115 | 1.67 | -- | 780 | 11.3 | -- | | 8.333 |
| Chlorobenzene | ND | 1.67 | -- | ND | 7.69 | -- | | 8.333 |
| Ethylbenzene | 57.8 | 1.67 | -- | 251 | 7.25 | -- | | 8.333 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-04 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 13:14
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| p/m-Xylene | 234 | 3.33 | -- | 1020 | 14.5 | -- | | 8.333 |
| Bromoform | ND | 1.67 | -- | ND | 17.3 | -- | | 8.333 |
| Styrene | ND | 1.67 | -- | ND | 7.11 | -- | | 8.333 |
| 1,1,2,2-Tetrachloroethane | ND | 1.67 | -- | ND | 11.5 | -- | | 8.333 |
| o-Xylene | 97.3 | 1.67 | -- | 423 | 7.25 | -- | | 8.333 |
| 4-Ethyltoluene | 15.1 | 1.67 | -- | 74.2 | 8.21 | -- | | 8.333 |
| 1,3,5-Trimethylbenzene | 29.0 | 1.67 | -- | 143 | 8.21 | -- | | 8.333 |
| 1,2,4-Trimethylbenzene | 98.1 | 1.67 | -- | 482 | 8.21 | -- | | 8.333 |
| Benzyl chloride | ND | 1.67 | -- | ND | 8.65 | -- | | 8.333 |
| 1,3-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,4-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,2-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,2,4-Trichlorobenzene | ND | 1.67 | -- | ND | 12.4 | -- | | 8.333 |
| Hexachlorobutadiene | ND | 1.67 | -- | ND | 17.8 | -- | | 8.333 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 118 | | 60-140 |
| Bromochloromethane | 118 | | 60-140 |
| chlorobenzene-d5 | 115 | | 60-140 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-05 D
Client ID: SV-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:40
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/30/20 22:01
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.43 | -- | ND | 7.07 | -- | | 7.143 |
| Chloromethane | 1.79 | 1.43 | -- | 3.70 | 2.95 | -- | | 7.143 |
| Freon-114 | ND | 1.43 | -- | ND | 10.0 | -- | | 7.143 |
| Vinyl chloride | ND | 1.43 | -- | ND | 3.66 | -- | | 7.143 |
| 1,3-Butadiene | 15.2 | 1.43 | -- | 33.6 | 3.16 | -- | | 7.143 |
| Bromomethane | ND | 1.43 | -- | ND | 5.55 | -- | | 7.143 |
| Chloroethane | ND | 1.43 | -- | ND | 3.77 | -- | | 7.143 |
| Ethanol | 56.4 | 35.7 | -- | 106 | 67.3 | -- | | 7.143 |
| Vinyl bromide | ND | 1.43 | -- | ND | 6.25 | -- | | 7.143 |
| Acetone | 32.7 | 7.14 | -- | 77.7 | 17.0 | -- | | 7.143 |
| Trichlorofluoromethane | ND | 1.43 | -- | ND | 8.04 | -- | | 7.143 |
| Isopropanol | 5.43 | 3.57 | -- | 13.3 | 8.78 | -- | | 7.143 |
| 1,1-Dichloroethene | ND | 1.43 | -- | ND | 5.67 | -- | | 7.143 |
| Tertiary butyl Alcohol | ND | 3.57 | -- | ND | 10.8 | -- | | 7.143 |
| Methylene chloride | ND | 3.57 | -- | ND | 12.4 | -- | | 7.143 |
| 3-Chloropropene | ND | 1.43 | -- | ND | 4.48 | -- | | 7.143 |
| Carbon disulfide | 1.61 | 1.43 | -- | 5.01 | 4.45 | -- | | 7.143 |
| Freon-113 | ND | 1.43 | -- | ND | 11.0 | -- | | 7.143 |
| trans-1,2-Dichloroethene | ND | 1.43 | -- | ND | 5.67 | -- | | 7.143 |
| 1,1-Dichloroethane | ND | 1.43 | -- | ND | 5.79 | -- | | 7.143 |
| Methyl tert butyl ether | ND | 1.43 | -- | ND | 5.16 | -- | | 7.143 |
| 2-Butanone | 4.39 | 3.57 | -- | 12.9 | 10.5 | -- | | 7.143 |
| cis-1,2-Dichloroethene | ND | 1.43 | -- | ND | 5.67 | -- | | 7.143 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-05 D
Client ID: SV-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:40
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 3.57 | -- | ND | 12.9 | -- | | 7.143 |
| Chloroform | ND | 1.43 | -- | ND | 6.98 | -- | | 7.143 |
| Tetrahydrofuran | 82.4 | 3.57 | -- | 243 | 10.5 | -- | | 7.143 |
| 1,2-Dichloroethane | ND | 1.43 | -- | ND | 5.79 | -- | | 7.143 |
| n-Hexane | 157 | 1.43 | -- | 553 | 5.04 | -- | | 7.143 |
| 1,1,1-Trichloroethane | ND | 1.43 | -- | ND | 7.80 | -- | | 7.143 |
| Benzene | 50.1 | 1.43 | -- | 160 | 4.57 | -- | | 7.143 |
| Carbon tetrachloride | ND | 1.43 | -- | ND | 9.00 | -- | | 7.143 |
| Cyclohexane | 28.9 | 1.43 | -- | 99.5 | 4.92 | -- | | 7.143 |
| 1,2-Dichloropropane | ND | 1.43 | -- | ND | 6.61 | -- | | 7.143 |
| Bromodichloromethane | ND | 1.43 | -- | ND | 9.58 | -- | | 7.143 |
| 1,4-Dioxane | ND | 1.43 | -- | ND | 5.15 | -- | | 7.143 |
| Trichloroethene | ND | 1.43 | -- | ND | 7.69 | -- | | 7.143 |
| 2,2,4-Trimethylpentane | 53.5 | 1.43 | -- | 250 | 6.68 | -- | | 7.143 |
| Heptane | 82.1 | 1.43 | -- | 336 | 5.86 | -- | | 7.143 |
| cis-1,3-Dichloropropene | ND | 1.43 | -- | ND | 6.49 | -- | | 7.143 |
| 4-Methyl-2-pentanone | ND | 3.57 | -- | ND | 14.6 | -- | | 7.143 |
| trans-1,3-Dichloropropene | ND | 1.43 | -- | ND | 6.49 | -- | | 7.143 |
| 1,1,2-Trichloroethane | ND | 1.43 | -- | ND | 7.80 | -- | | 7.143 |
| Toluene | 294 | 1.43 | -- | 1110 | 5.39 | -- | | 7.143 |
| 2-Hexanone | ND | 1.43 | -- | ND | 5.86 | -- | | 7.143 |
| Dibromochloromethane | ND | 1.43 | -- | ND | 12.2 | -- | | 7.143 |
| 1,2-Dibromoethane | ND | 1.43 | -- | ND | 11.0 | -- | | 7.143 |
| Tetrachloroethene | 1.45 | 1.43 | -- | 9.83 | 9.70 | -- | | 7.143 |
| Chlorobenzene | ND | 1.43 | -- | ND | 6.59 | -- | | 7.143 |
| Ethylbenzene | 46.5 | 1.43 | -- | 202 | 6.21 | -- | | 7.143 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-05 D
Client ID: SV-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:40
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| p/m-Xylene | 181 | 2.86 | -- | 786 | 12.4 | -- | | 7.143 |
| Bromoform | ND | 1.43 | -- | ND | 14.8 | -- | | 7.143 |
| Styrene | ND | 1.43 | -- | ND | 6.09 | -- | | 7.143 |
| 1,1,2,2-Tetrachloroethane | ND | 1.43 | -- | ND | 9.82 | -- | | 7.143 |
| o-Xylene | 74.6 | 1.43 | -- | 324 | 6.21 | -- | | 7.143 |
| 4-Ethyltoluene | 11.0 | 1.43 | -- | 54.1 | 7.03 | -- | | 7.143 |
| 1,3,5-Trimethylbenzene | 22.1 | 1.43 | -- | 109 | 7.03 | -- | | 7.143 |
| 1,2,4-Trimethylbenzene | 76.2 | 1.43 | -- | 375 | 7.03 | -- | | 7.143 |
| Benzyl chloride | ND | 1.43 | -- | ND | 7.40 | -- | | 7.143 |
| 1,3-Dichlorobenzene | ND | 1.43 | -- | ND | 8.60 | -- | | 7.143 |
| 1,4-Dichlorobenzene | ND | 1.43 | -- | ND | 8.60 | -- | | 7.143 |
| 1,2-Dichlorobenzene | ND | 1.43 | -- | ND | 8.60 | -- | | 7.143 |
| 1,2,4-Trichlorobenzene | ND | 1.43 | -- | ND | 10.6 | -- | | 7.143 |
| Hexachlorobutadiene | ND | 1.43 | -- | ND | 15.3 | -- | | 7.143 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 120 | | 60-140 |
| Bromochloromethane | 120 | | 60-140 |
| chlorobenzene-d5 | 115 | | 60-140 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-06 D
Client ID: SV-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:50
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/02/20 10:09
Analyst: EW

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.67 | -- | ND | 8.26 | -- | | 8.333 |
| Chloromethane | ND | 1.67 | -- | ND | 3.45 | -- | | 8.333 |
| Freon-114 | ND | 1.67 | -- | ND | 11.7 | -- | | 8.333 |
| Vinyl chloride | ND | 1.67 | -- | ND | 4.27 | -- | | 8.333 |
| 1,3-Butadiene | 21.8 | 1.67 | -- | 48.2 | 3.69 | -- | | 8.333 |
| Bromomethane | ND | 1.67 | -- | ND | 6.48 | -- | | 8.333 |
| Chloroethane | ND | 1.67 | -- | ND | 4.41 | -- | | 8.333 |
| Ethanol | 166 | 41.7 | -- | 313 | 78.6 | -- | | 8.333 |
| Vinyl bromide | ND | 1.67 | -- | ND | 7.30 | -- | | 8.333 |
| Acetone | 59.2 | 8.33 | -- | 141 | 19.8 | -- | | 8.333 |
| Trichlorofluoromethane | ND | 1.67 | -- | ND | 9.38 | -- | | 8.333 |
| Isopropanol | 9.94 | 4.17 | -- | 24.4 | 10.3 | -- | | 8.333 |
| 1,1-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |
| Tertiary butyl Alcohol | ND | 4.17 | -- | ND | 12.6 | -- | | 8.333 |
| Methylene chloride | ND | 4.17 | -- | ND | 14.5 | -- | | 8.333 |
| 3-Chloropropene | ND | 1.67 | -- | ND | 5.23 | -- | | 8.333 |
| Carbon disulfide | 1.69 | 1.67 | -- | 5.26 | 5.20 | -- | | 8.333 |
| Freon-113 | ND | 1.67 | -- | ND | 12.8 | -- | | 8.333 |
| trans-1,2-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |
| 1,1-Dichloroethane | ND | 1.67 | -- | ND | 6.76 | -- | | 8.333 |
| Methyl tert butyl ether | ND | 1.67 | -- | ND | 6.02 | -- | | 8.333 |
| 2-Butanone | 10.2 | 4.17 | -- | 30.1 | 12.3 | -- | | 8.333 |
| cis-1,2-Dichloroethene | ND | 1.67 | -- | ND | 6.62 | -- | | 8.333 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

## SAMPLE RESULTS

Lab ID: L2040791-06 D
Client ID: SV-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:50
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Lab** | | | | | | | | |
| Ethyl Acetate | ND | 4.17 | -- | ND | 15.0 | -- | | 8.333 |
| Chloroform | ND | 1.67 | -- | ND | 8.16 | -- | | 8.333 |
| Tetrahydrofuran | 135 | 4.17 | -- | 398 | 12.3 | -- | | 8.333 |
| 1,2-Dichloroethane | ND | 1.67 | -- | ND | 6.76 | -- | | 8.333 |
| n-Hexane | 336 | 1.67 | -- | 1180 | 5.89 | -- | | 8.333 |
| 1,1,1-Trichloroethane | ND | 1.67 | -- | ND | 9.11 | -- | | 8.333 |
| Benzene | 98.7 | 1.67 | -- | 315 | 5.34 | -- | | 8.333 |
| Carbon tetrachloride | ND | 1.67 | -- | ND | 10.5 | -- | | 8.333 |
| Cyclohexane | 57.4 | 1.67 | -- | 198 | 5.75 | -- | | 8.333 |
| 1,2-Dichloropropane | ND | 1.67 | -- | ND | 7.72 | -- | | 8.333 |
| Bromodichloromethane | ND | 1.67 | -- | ND | 11.2 | -- | | 8.333 |
| 1,4-Dioxane | ND | 1.67 | -- | ND | 6.02 | -- | | 8.333 |
| Trichloroethene | ND | 1.67 | -- | ND | 8.97 | -- | | 8.333 |
| 2,2,4-Trimethylpentane | 109 | 1.67 | -- | 509 | 7.80 | -- | | 8.333 |
| Heptane | 150 | 1.67 | -- | 615 | 6.84 | -- | | 8.333 |
| cis-1,3-Dichloropropene | ND | 1.67 | -- | ND | 7.58 | -- | | 8.333 |
| 4-Methyl-2-pentanone | ND | 4.17 | -- | ND | 17.1 | -- | | 8.333 |
| trans-1,3-Dichloropropene | ND | 1.67 | -- | ND | 7.58 | -- | | 8.333 |
| 1,1,2-Trichloroethane | ND | 1.67 | -- | ND | 9.11 | -- | | 8.333 |
| Toluene | 459 | 1.67 | -- | 1730 | 6.29 | -- | | 8.333 |
| 2-Hexanone | ND | 1.67 | -- | ND | 6.84 | -- | | 8.333 |
| Dibromochloromethane | ND | 1.67 | -- | ND | 14.2 | -- | | 8.333 |
| 1,2-Dibromoethane | ND | 1.67 | -- | ND | 12.8 | -- | | 8.333 |
| Tetrachloroethene | ND | 1.67 | -- | ND | 11.3 | -- | | 8.333 |
| Chlorobenzene | ND | 1.67 | -- | ND | 7.69 | -- | | 8.333 |
| Ethylbenzene | 52.8 | 1.67 | -- | 229 | 7.25 | -- | | 8.333 |

***Project Name:*** WESTCHESTER COUNTY
***Project Number:*** 11513:2
***Lab Number:*** L2040791
***Report Date:*** 10/02/20

## *SAMPLE RESULTS*

Lab ID: L2040791-06 D
Client ID: SV-6
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/25/20 12:50
Date Received: 09/25/20
Field Prep: Not Specified

Sample Depth:

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| p/m-Xylene | 215 | 3.33 | -- | 934 | 14.5 | -- | | 8.333 |
| Bromoform | ND | 1.67 | -- | ND | 17.3 | -- | | 8.333 |
| Styrene | ND | 1.67 | -- | ND | 7.11 | -- | | 8.333 |
| 1,1,2,2-Tetrachloroethane | ND | 1.67 | -- | ND | 11.5 | -- | | 8.333 |
| o-Xylene | 83.0 | 1.67 | -- | 361 | 7.25 | -- | | 8.333 |
| 4-Ethyltoluene | 7.01 | 1.67 | -- | 34.5 | 8.21 | -- | | 8.333 |
| 1,3,5-Trimethylbenzene | 17.4 | 1.67 | -- | 85.5 | 8.21 | -- | | 8.333 |
| 1,2,4-Trimethylbenzene | 59.6 | 1.67 | -- | 293 | 8.21 | -- | | 8.333 |
| Benzyl chloride | ND | 1.67 | -- | ND | 8.65 | -- | | 8.333 |
| 1,3-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,4-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,2-Dichlorobenzene | ND | 1.67 | -- | ND | 10.0 | -- | | 8.333 |
| 1,2,4-Trichlorobenzene | ND | 1.67 | -- | ND | 12.4 | -- | | 8.333 |
| Hexachlorobutadiene | ND | 1.67 | -- | ND | 17.8 | -- | | 8.333 |

| **Internal Standard** | **% Recovery** | **Qualifier** | **Acceptance Criteria** |
|---|---|---|---|
| 1,4-Difluorobenzene | 105 | | 60-140 |
| Bromochloromethane | 102 | | 60-140 |
| chlorobenzene-d5 | 103 | | 60-140 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/30/20 17:20

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG1416514-4 | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | ND | 0.200 | -- | ND | 0.442 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | ND | 5.00 | -- | ND | 9.42 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.200 | -- | ND | 1.12 | -- | | 1 |
| Isopropanol | ND | 0.500 | -- | ND | 1.23 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/30/20 17:20

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG1416514-4 | | | | | | | | |
| Tetrahydrofuran | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | ND | 0.200 | -- | ND | 0.705 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Benzene | ND | 0.200 | -- | ND | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | ND | 0.200 | -- | ND | 0.688 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Heptane | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | ND | 0.200 | -- | ND | 0.754 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| p/m-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/30/20 17:20

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG1416514-4 | | | | | | | | |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| o-Xylene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/20 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 01-02,06 Batch: WG1417006-4 | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | ND | 0.200 | -- | ND | 0.442 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | ND | 5.00 | -- | ND | 9.42 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.200 | -- | ND | 1.12 | -- | | 1 |
| Isopropanol | ND | 0.500 | -- | ND | 1.23 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/20 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 01-02,06 Batch: WG1417006-4 | | | | | | | | |
| Tetrahydrofuran | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | ND | 0.200 | -- | ND | 0.705 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Benzene | ND | 0.200 | -- | ND | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | ND | 0.200 | -- | ND | 0.688 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Heptane | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | ND | 0.200 | -- | ND | 0.754 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| p/m-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 1 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2
**Lab Number:** L2040791
**Report Date:** 10/02/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/20 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab for sample(s): 01-02,06 Batch: WG1417006-4 | | | | | | | | |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| o-Xylene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040791

**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG1416514-3 | | | | | | | | |
| Dichlorodifluoromethane | 92 | | - | | 70-130 | - | | |
| Chloromethane | 94 | | - | | 70-130 | - | | |
| Freon-114 | 100 | | - | | 70-130 | - | | |
| Vinyl chloride | 101 | | - | | 70-130 | - | | |
| 1,3-Butadiene | 103 | | - | | 70-130 | - | | |
| Bromomethane | 101 | | - | | 70-130 | - | | |
| Chloroethane | 101 | | - | | 70-130 | - | | |
| Ethanol | 88 | | - | | 40-160 | - | | |
| Vinyl bromide | 108 | | - | | 70-130 | - | | |
| Acetone | 92 | | - | | 40-160 | - | | |
| Trichlorofluoromethane | 93 | | - | | 70-130 | - | | |
| Isopropanol | 84 | | - | | 40-160 | - | | |
| 1,1-Dichloroethene | 105 | | - | | 70-130 | - | | |
| Tertiary butyl Alcohol | 95 | | - | | 70-130 | - | | |
| Methylene chloride | 96 | | - | | 70-130 | - | | |
| 3-Chloropropene | 111 | | - | | 70-130 | - | | |
| Carbon disulfide | 87 | | - | | 70-130 | - | | |
| Freon-113 | 97 | | - | | 70-130 | - | | |
| trans-1,2-Dichloroethene | 97 | | - | | 70-130 | - | | |
| 1,1-Dichloroethane | 98 | | - | | 70-130 | - | | |
| Methyl tert butyl ether | 100 | | - | | 70-130 | - | | |
| 2-Butanone | 96 | | - | | 70-130 | - | | |
| cis-1,2-Dichloroethene | 100 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040791

**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG1416514-3 | | | | | | | | |
| Ethyl Acetate | 101 | | - | | 70-130 | - | | |
| Chloroform | 102 | | - | | 70-130 | - | | |
| Tetrahydrofuran | 95 | | - | | 70-130 | - | | |
| 1,2-Dichloroethane | 97 | | - | | 70-130 | - | | |
| n-Hexane | 103 | | - | | 70-130 | - | | |
| 1,1,1-Trichloroethane | 95 | | - | | 70-130 | - | | |
| Benzene | 97 | | - | | 70-130 | - | | |
| Carbon tetrachloride | 98 | | - | | 70-130 | - | | |
| Cyclohexane | 102 | | - | | 70-130 | - | | |
| 1,2-Dichloropropane | 96 | | - | | 70-130 | - | | |
| Bromodichloromethane | 102 | | - | | 70-130 | - | | |
| 1,4-Dioxane | 101 | | - | | 70-130 | - | | |
| Trichloroethene | 94 | | - | | 70-130 | - | | |
| 2,2,4-Trimethylpentane | 106 | | - | | 70-130 | - | | |
| Heptane | 99 | | - | | 70-130 | - | | |
| cis-1,3-Dichloropropene | 105 | | - | | 70-130 | - | | |
| 4-Methyl-2-pentanone | 101 | | - | | 70-130 | - | | |
| trans-1,3-Dichloropropene | 89 | | - | | 70-130 | - | | |
| 1,1,2-Trichloroethane | 96 | | - | | 70-130 | - | | |
| Toluene | 93 | | - | | 70-130 | - | | |
| 2-Hexanone | 96 | | - | | 70-130 | - | | |
| Dibromochloromethane | 100 | | - | | 70-130 | - | | |
| 1,2-Dibromoethane | 96 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG1416514-3 | | | | | | | | |
| Tetrachloroethene | 95 | | - | | 70-130 | - | | |
| Chlorobenzene | 96 | | - | | 70-130 | - | | |
| Ethylbenzene | 95 | | - | | 70-130 | - | | |
| p/m-Xylene | 97 | | - | | 70-130 | - | | |
| Bromoform | 108 | | - | | 70-130 | - | | |
| Styrene | 98 | | - | | 70-130 | - | | |
| 1,1,2,2-Tetrachloroethane | 101 | | - | | 70-130 | - | | |
| o-Xylene | 100 | | - | | 70-130 | - | | |
| 4-Ethyltoluene | 99 | | - | | 70-130 | - | | |
| 1,3,5-Trimethylbenzene | 100 | | - | | 70-130 | - | | |
| 1,2,4-Trimethylbenzene | 105 | | - | | 70-130 | - | | |
| Benzyl chloride | 110 | | - | | 70-130 | - | | |
| 1,3-Dichlorobenzene | 105 | | - | | 70-130 | - | | |
| 1,4-Dichlorobenzene | 102 | | - | | 70-130 | - | | |
| 1,2-Dichlorobenzene | 104 | | - | | 70-130 | - | | |
| 1,2,4-Trichlorobenzene | 114 | | - | | 70-130 | - | | |
| Hexachlorobutadiene | 108 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1417006-3 | | | | | | | | |
| Dichlorodifluoromethane | 117 | | - | | 70-130 | - | | |
| Chloromethane | 98 | | - | | 70-130 | - | | |
| Freon-114 | 120 | | - | | 70-130 | - | | |
| Vinyl chloride | 118 | | - | | 70-130 | - | | |
| 1,3-Butadiene | 117 | | - | | 70-130 | - | | |
| Bromomethane | 103 | | - | | 70-130 | - | | |
| Chloroethane | 118 | | - | | 70-130 | - | | |
| Ethanol | 80 | | - | | 40-160 | - | | |
| Vinyl bromide | 99 | | - | | 70-130 | - | | |
| Acetone | 80 | | - | | 40-160 | - | | |
| Trichlorofluoromethane | 118 | | - | | 70-130 | - | | |
| Isopropanol | 75 | | - | | 40-160 | - | | |
| 1,1-Dichloroethene | 100 | | - | | 70-130 | - | | |
| Tertiary butyl Alcohol | 88 | | - | | 70-130 | - | | |
| Methylene chloride | 97 | | - | | 70-130 | - | | |
| 3-Chloropropene | 86 | | - | | 70-130 | - | | |
| Carbon disulfide | 83 | | - | | 70-130 | - | | |
| Freon-113 | 92 | | - | | 70-130 | - | | |
| trans-1,2-Dichloroethene | 82 | | - | | 70-130 | - | | |
| 1,1-Dichloroethane | 82 | | - | | 70-130 | - | | |
| Methyl tert butyl ether | 93 | | - | | 70-130 | - | | |
| 2-Butanone | 82 | | - | | 70-130 | - | | |
| cis-1,2-Dichloroethene | 87 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY

**Project Number:** 11513:2

**Lab Number:** L2040791

**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1417006-3 | | | | | | | | |
| Ethyl Acetate | 78 | | - | | 70-130 | - | | |
| Chloroform | 98 | | - | | 70-130 | - | | |
| Tetrahydrofuran | 78 | | - | | 70-130 | - | | |
| 1,2-Dichloroethane | 98 | | - | | 70-130 | - | | |
| n-Hexane | 102 | | - | | 70-130 | - | | |
| 1,1,1-Trichloroethane | 110 | | - | | 70-130 | - | | |
| Benzene | 96 | | - | | 70-130 | - | | |
| Carbon tetrachloride | 116 | | - | | 70-130 | - | | |
| Cyclohexane | 100 | | - | | 70-130 | - | | |
| 1,2-Dichloropropane | 88 | | - | | 70-130 | - | | |
| Bromodichloromethane | 106 | | - | | 70-130 | - | | |
| 1,4-Dioxane | 91 | | - | | 70-130 | - | | |
| Trichloroethene | 99 | | - | | 70-130 | - | | |
| 2,2,4-Trimethylpentane | 102 | | - | | 70-130 | - | | |
| Heptane | 94 | | - | | 70-130 | - | | |
| cis-1,3-Dichloropropene | 108 | | - | | 70-130 | - | | |
| 4-Methyl-2-pentanone | 96 | | - | | 70-130 | - | | |
| trans-1,3-Dichloropropene | 98 | | - | | 70-130 | - | | |
| 1,1,2-Trichloroethane | 94 | | - | | 70-130 | - | | |
| Toluene | 81 | | - | | 70-130 | - | | |
| 2-Hexanone | 78 | | - | | 70-130 | - | | |
| Dibromochloromethane | 96 | | - | | 70-130 | - | | |
| 1,2-Dibromoethane | 87 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1417006-3 | | | | | | | | |
| Tetrachloroethene | 85 | | - | | 70-130 | - | | |
| Chlorobenzene | 86 | | - | | 70-130 | - | | |
| Ethylbenzene | 83 | | - | | 70-130 | - | | |
| p/m-Xylene | 88 | | - | | 70-130 | - | | |
| Bromoform | 94 | | - | | 70-130 | - | | |
| Styrene | 85 | | - | | 70-130 | - | | |
| 1,1,2,2-Tetrachloroethane | 92 | | - | | 70-130 | - | | |
| o-Xylene | 94 | | - | | 70-130 | - | | |
| 4-Ethyltoluene | 91 | | - | | 70-130 | - | | |
| 1,3,5-Trimethylbenzene | 97 | | - | | 70-130 | - | | |
| 1,2,4-Trimethylbenzene | 107 | | - | | 70-130 | - | | |
| Benzyl chloride | 117 | | - | | 70-130 | - | | |
| 1,3-Dichlorobenzene | 92 | | - | | 70-130 | - | | |
| 1,4-Dichlorobenzene | 89 | | - | | 70-130 | - | | |
| 1,2-Dichlorobenzene | 90 | | - | | 70-130 | - | | |
| 1,2,4-Trichlorobenzene | 83 | | - | | 70-130 | - | | |
| Hexachlorobutadiene | 101 | | - | | 70-130 | - | | |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1416514-5 QC Sample: L2040791-03 Client ID: SV-3 | | | | | | |
| Dichlorodifluoromethane | 0.424 | 0.430 | ppbV | 1 | | 25 |
| Chloromethane | 0.484 | 0.542 | ppbV | 11 | | 25 |
| Freon-114 | ND | ND | ppbV | NC | | 25 |
| Vinyl chloride | ND | ND | ppbV | NC | | 25 |
| 1,3-Butadiene | 2.14 | 2.17 | ppbV | 1 | | 25 |
| Bromomethane | ND | ND | ppbV | NC | | 25 |
| Chloroethane | ND | ND | ppbV | NC | | 25 |
| Ethanol | 113 | 135 | ppbV | 18 | | 25 |
| Vinyl bromide | ND | ND | ppbV | NC | | 25 |
| Acetone | 36.0 | 38.0 | ppbV | 5 | | 25 |
| Trichlorofluoromethane | 0.202 | 0.220 | ppbV | 9 | | 25 |
| Isopropanol | 22.1 | 23.3 | ppbV | 5 | | 25 |
| 1,1-Dichloroethene | ND | ND | ppbV | NC | | 25 |
| Tertiary butyl Alcohol | ND | ND | ppbV | NC | | 25 |
| Methylene chloride | 0.512 | 0.534 | ppbV | 4 | | 25 |
| 3-Chloropropene | ND | ND | ppbV | NC | | 25 |
| Carbon disulfide | ND | ND | ppbV | NC | | 25 |
| Freon-113 | ND | ND | ppbV | NC | | 25 |
| trans-1,2-Dichloroethene | ND | ND | ppbV | NC | | 25 |
| 1,1-Dichloroethane | ND | ND | ppbV | NC | | 25 |
| Methyl tert butyl ether | ND | ND | ppbV | NC | | 25 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1416514-5 QC Sample: L2040791-03 Client ID: SV-3 | | | | | | |
| 2-Butanone | ND | ND | ppbV | NC | | 25 |
| cis-1,2-Dichloroethene | ND | ND | ppbV | NC | | 25 |
| Ethyl Acetate | ND | ND | ppbV | NC | | 25 |
| Chloroform | ND | ND | ppbV | NC | | 25 |
| Tetrahydrofuran | 23.0 | 23.1 | ppbV | 0 | | 25 |
| 1,2-Dichloroethane | ND | ND | ppbV | NC | | 25 |
| n-Hexane | 93.2 | 91.9 | ppbV | 1 | | 25 |
| 1,1,1-Trichloroethane | ND | ND | ppbV | NC | | 25 |
| Benzene | 12.3 | 12.1 | ppbV | 2 | | 25 |
| Carbon tetrachloride | ND | ND | ppbV | NC | | 25 |
| Cyclohexane | 13.3 | 13.2 | ppbV | 1 | | 25 |
| 1,2-Dichloropropane | ND | ND | ppbV | NC | | 25 |
| Bromodichloromethane | ND | ND | ppbV | NC | | 25 |
| 1,4-Dioxane | ND | ND | ppbV | NC | | 25 |
| Trichloroethene | ND | ND | ppbV | NC | | 25 |
| 2,2,4-Trimethylpentane | 26.0 | 25.7 | ppbV | 1 | | 25 |
| Heptane | 10.1 | 10.1 | ppbV | 0 | | 25 |
| cis-1,3-Dichloropropene | ND | ND | ppbV | NC | | 25 |
| 4-Methyl-2-pentanone | ND | ND | ppbV | NC | | 25 |
| trans-1,3-Dichloropropene | ND | ND | ppbV | NC | | 25 |
| 1,1,2-Trichloroethane | ND | ND | ppbV | NC | | 25 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1416514-5 QC Sample: L2040791-03 Client ID: SV-3 | | | | | | |
| Toluene | 10.2 | 10.3 | ppbV | 1 | | 25 |
| 2-Hexanone | ND | ND | ppbV | NC | | 25 |
| Dibromochloromethane | ND | ND | ppbV | NC | | 25 |
| 1,2-Dibromoethane | ND | ND | ppbV | NC | | 25 |
| Tetrachloroethene | ND | ND | ppbV | NC | | 25 |
| Chlorobenzene | ND | ND | ppbV | NC | | 25 |
| Ethylbenzene | 0.429 | 0.442 | ppbV | 3 | | 25 |
| p/m-Xylene | 1.49 | 1.48 | ppbV | 1 | | 25 |
| Bromoform | ND | ND | ppbV | NC | | 25 |
| Styrene | ND | ND | ppbV | NC | | 25 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbV | NC | | 25 |
| o-Xylene | 0.514 | 0.523 | ppbV | 2 | | 25 |
| 4-Ethyltoluene | ND | ND | ppbV | NC | | 25 |
| 1,3,5-Trimethylbenzene | ND | ND | ppbV | NC | | 25 |
| 1,2,4-Trimethylbenzene | 0.443 | 0.433 | ppbV | 2 | | 25 |
| Benzyl chloride | ND | ND | ppbV | NC | | 25 |
| 1,3-Dichlorobenzene | 0.306 | 0.287 | ppbV | 6 | | 25 |
| 1,4-Dichlorobenzene | ND | ND | ppbV | NC | | 25 |
| 1,2-Dichlorobenzene | ND | ND | ppbV | NC | | 25 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbV | NC | | 25 |
| Hexachlorobutadiene | ND | ND | ppbV | NC | | 25 |

**Project Name:** WESTCHESTER COUNTY

**Lab Number:** L2040791

**Project Number:** 11513:2

**Report Date:** 10/02/20

## Canister and Flow Controller Information

| Samplenum | Client ID | Media ID | Media Type | Date Prepared | Bottle Order | Cleaning Batch ID | Can Leak Check | Initial Pressure (in. Hg) | Pressure on Receipt (in. Hg) | Flow Controler Leak Chk | Flow Out mL/min | Flow In mL/min | % RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L2040791-01 | SV-1 | 0199 | Flow 2 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 101 | 7 |
| L2040791-01 | SV-1 | 2849 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.5 | -1.8 | - | - | - | - |
| L2040791-02 | SV-2 | 01795 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 104 | 4 |
| L2040791-02 | SV-2 | 2334 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | 0.0 | - | - | - | - |
| L2040791-03 | SV-3 | 01767 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 99 | 9 |
| L2040791-03 | SV-3 | 2225 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.1 | -4.0 | - | - | - | - |
| L2040791-04 | SV-4 | 0242 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 102 | 6 |
| L2040791-04 | SV-4 | 148 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | -3.7 | - | - | - | - |
| L2040791-05 | SV-5 | 0717 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 189 | 55 |
| L2040791-05 | SV-5 | 2245 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | 0.0 | - | - | - | - |
| L2040791-06 | SV-6 | 01130 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 103 | 5 |
| L2040791-06 | SV-6 | 2762 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.1 | -4.9 | - | - | - | - |
| L2040791-07 | UNUSED CAN #3218 | 01451 | Flow 1 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 101 | 7 |
| L2040791-07 | UNUSED CAN #3218 | 3218 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | -28.7 | - | - | - | - |
| L2040791-08 | UNUSED CAN #508 | 01742 | Flow 2 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 99 | 9 |

**Project Name:** WESTCHESTER COUNTY

**Lab Number:** L2040791

**Project Number:** 11513:2

**Report Date:** 10/02/20

## Canister and Flow Controller Information

| Samplenum | Client ID | Media ID | Media Type | Date Prepared | Bottle Order | Cleaning Batch ID | Can Leak Check | Initial Pressure (in. Hg) | Pressure on Receipt (in. Hg) | Flow Controler Leak Chk | Flow Out mL/min | Flow In mL/min | % RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L2040791-08 | UNUSED CAN #508 | 508 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | -29.5 | - | - | - | - |
| L2040791-09 | UNUSED CAN #2437 | 0677 | Flow 2 | 09/23/20 | 330508 | | - | - | - | Pass | 108 | 102 | 6 |
| L2040791-09 | UNUSED CAN #2437 | 2437 | 2.7L Can | 09/23/20 | 330508 | L2039133-02 | Pass | -29.2 | -29.3 | - | - | - | - |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/20/20 02:59
Analyst: TS

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Chlorodifluoromethane | ND | 0.200 | -- | ND | 0.707 | -- | | 1 |
| Propylene | ND | 0.500 | -- | ND | 0.861 | -- | | 1 |
| Propane | ND | 0.500 | -- | ND | 0.902 | -- | | 1 |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Methanol | ND | 5.00 | -- | ND | 6.55 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | ND | 0.200 | -- | ND | 0.442 | -- | | 1 |
| Butane | ND | 0.200 | -- | ND | 0.475 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | ND | 5.00 | -- | ND | 9.42 | -- | | 1 |
| Dichlorofluoromethane | ND | 0.200 | -- | ND | 0.842 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acrolein | ND | 0.500 | -- | ND | 1.15 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Acetonitrile | ND | 0.200 | -- | ND | 0.336 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.200 | -- | ND | 1.12 | -- | | 1 |
| Isopropanol | ND | 0.500 | -- | ND | 1.23 | -- | | 1 |
| Acrylonitrile | ND | 0.500 | -- | ND | 1.09 | -- | | 1 |
| Pentane | ND | 0.200 | -- | ND | 0.590 | -- | | 1 |
| Ethyl ether | ND | 0.200 | -- | ND | 0.606 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Vinyl acetate | ND | 1.00 | -- | ND | 3.52 | -- | | 1 |
| Xylenes, total | ND | 0.600 | -- | ND | 0.869 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |
| Tetrahydrofuran | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| 2,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | ND | 0.200 | -- | ND | 0.705 | -- | | 1 |
| Diisopropyl ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |
| tert-Butyl Ethyl Ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |
| 1,2-Dichloroethene (total) | ND | 1.00 | -- | ND | 1.00 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| 1,1-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| Benzene | ND | 0.200 | -- | ND | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | ND | 0.200 | -- | ND | 0.688 | -- | | 1 |
| tert-Amyl Methyl Ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dibromomethane | ND | 0.200 | -- | ND | 1.42 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Methyl Methacrylate | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| Heptane | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | ND | 0.200 | -- | ND | 0.754 | -- | | 1 |
| 1,3-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Butyl acetate | ND | 0.500 | -- | ND | 2.38 | -- | | 1 |
| Octane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| p/m-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 1 |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT
**Lab Number:** L2039133
**Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| o-Xylene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| 1,2,3-Trichloropropane | ND | 0.200 | -- | ND | 1.21 | -- | | 1 |
| Nonane | ND | 0.200 | -- | ND | 1.05 | -- | | 1 |
| Isopropylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Bromobenzene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 2-Chlorotoluene | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| n-Propylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 4-Chlorotoluene | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| tert-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Decane | ND | 0.200 | -- | ND | 1.16 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| sec-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| p-Isopropyltoluene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| n-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dibromo-3-chloropropane | ND | 0.200 | -- | ND | 1.93 | -- | | 1 |
| Undecane | ND | 0.200 | -- | ND | 1.28 | -- | | 1 |
| Dodecane | ND | 0.200 | -- | ND | 1.39 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Naphthalene | ND | 0.200 | -- | ND | 1.05 | -- | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |

| | Results | Qualifier | Units | RDL | Dilution Factor |
|---|---|---|---|---|---|
| Tentatively Identified Compounds | | | | | |

No Tentatively Identified Compounds

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 94 | | 60-140 |
| Bromochloromethane | 97 | | 60-140 |
| chlorobenzene-d5 | 88 | | 60-140 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/20/20 02:59
Analyst: TS

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.050 | -- | ND | 0.349 | -- | | 1 |
| Vinyl chloride | ND | 0.020 | -- | ND | 0.051 | -- | | 1 |
| 1,3-Butadiene | ND | 0.020 | -- | ND | 0.044 | -- | | 1 |
| Bromomethane | ND | 0.020 | -- | ND | 0.078 | -- | | 1 |
| Chloroethane | ND | 0.100 | -- | ND | 0.264 | -- | | 1 |
| Acrolein | ND | 0.050 | -- | ND | 0.115 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.050 | -- | ND | 0.281 | -- | | 1 |
| Acrylonitrile | ND | 0.500 | -- | ND | 1.09 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| Freon-113 | ND | 0.050 | -- | ND | 0.383 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.020 | -- | ND | 0.081 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| Chloroform | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.020 | -- | ND | 0.081 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.020 | -- | ND | 0.109 | -- | | 1 |
| Benzene | ND | 0.100 | -- | ND | 0.319 | -- | | 1 |
| Carbon tetrachloride | ND | 0.020 | -- | ND | 0.126 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.020 | -- | ND | 0.092 | -- | | 1 |
| Bromodichloromethane | ND | 0.020 | -- | ND | 0.134 | -- | | 1 |
| 1,4-Dioxane | ND | 0.100 | -- | ND | 0.360 | -- | | 1 |
| Trichloroethene | ND | 0.020 | -- | ND | 0.107 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.020 | -- | ND | 0.091 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.020 | -- | ND | 0.091 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.020 | -- | ND | 0.109 | -- | | 1 |
| Toluene | ND | 0.050 | -- | ND | 0.188 | -- | | 1 |
| Dibromochloromethane | ND | 0.020 | -- | ND | 0.170 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.020 | -- | ND | 0.154 | -- | | 1 |
| Tetrachloroethene | ND | 0.020 | -- | ND | 0.136 | -- | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.020 | -- | ND | 0.137 | -- | | 1 |
| Chlorobenzene | ND | 0.100 | -- | ND | 0.461 | -- | | 1 |
| Ethylbenzene | ND | 0.020 | -- | ND | 0.087 | -- | | 1 |
| p/m-Xylene | ND | 0.040 | -- | ND | 0.174 | -- | | 1 |
| Bromoform | ND | 0.020 | -- | ND | 0.207 | -- | | 1 |
| Styrene | ND | 0.020 | -- | ND | 0.085 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.020 | -- | ND | 0.137 | -- | | 1 |
| o-Xylene | ND | 0.020 | -- | ND | 0.087 | -- | | 1 |
| Isopropylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,3,5-Trimethybenzene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2039133

**Project Number:** CANISTER QC BAT **Report Date:** 10/02/20

# Air Canister Certification Results

Lab ID: L2039133-02
Client ID: CAN 379 SHELF 14
Sample Location:

Date Collected: 09/17/20 16:00
Date Received: 09/18/20
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| sec-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| p-Isopropyltoluene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |
| n-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.050 | -- | ND | 0.371 | -- | | 1 |
| Naphthalene | ND | 0.050 | -- | ND | 0.262 | -- | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.050 | -- | ND | 0.371 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.050 | -- | ND | 0.533 | -- | | 1 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-difluorobenzene | 99 | | 60-140 |
| bromochloromethane | 107 | | 60-140 |
| chlorobenzene-d5 | 93 | | 60-140 |

**Project Name:** WESTCHESTER COUNTY
**Project Number:** 11513:2

**Lab Number:** L2040791
**Report Date:** 10/02/20

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| NA | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2040791-01A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-02A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-03A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-04A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-05A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-06A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | TO15-LL(30) |
| L2040791-07A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | CLEAN-FEE() |
| L2040791-08A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | CLEAN-FEE() |
| L2040791-09A | Canister - 2.7 Liter | NA | NA | | | Y | Absent | | CLEAN-FEE() |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040791 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/02/20 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: Data Usability Report*

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040791 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/02/20 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the reporting limit (RL) for the sample.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

*Report Format: Data Usability Report*

| | | | |
|---|---|---|---|
| **Project Name:** | WESTCHESTER COUNTY | **Lab Number:** | L2040791 |
| **Project Number:** | 11513:2 | **Report Date:** | 10/02/20 |

***Data Qualifiers***

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

*Report Format: Data Usability Report*

## REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270D:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**EPA TO-12** Non-methane organics
**EPA 3C** Fixed gases
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 332**: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# AIR ANALYSIS

PAGE 1 OF 1

**CHAIN OF CUSTODY**

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/26/20

ALPHA Job #: L2040791

## Client Information

Client: SESI

Address: 72a Maple Ave
Pine Brook, NJ

Phone: 973-808-9050

Fax:

Email: AA@SESI.ORG

☐ These samples have been previously analyzed by Alpha

## Project Information

Project Name: Westchester County

Project Location: New Rochelle, NY

Project #: 11513:2

Project Manager: Andrew Allen

ALPHA Quote #:

## Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

## Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

## Billing Information

☐ Same as Client info PO #:

## Regulatory Requirements/Report Limits

| State/Fed | Program | Res / Comm |
|---|---|---|
| | | |
| | | |
| | | |

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

**All Columns Below Must Be Filled Out**

| ALPHA Lab ID (Lab Use Only) | Sample ID | COLLECTION End Date | Start Time | End Time | Initial Vacuum | Final Vacuum | Sample Matrix* | Sampler's Initials | Can Size | I D Can | I D - Flow Controller | ANALYSIS TO-15 | TO-15 SIM | APH (subset non-petroleum HCs ☐) | Fixed Gases | Sulfides & Mercaptans by TO-15 | Sample Comments (i.e. PID) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40791-01 | SV-1 | 9-25-20 | 9:38 | 9:58 | -29.7 | -2.2 | SV | JRN | 2.7L | 2849 | 0199 | X | | | | | |
| -02 | SV-2 | | 8:53 | 9:13 | -30.9 | -1.9 | | | | 2334 | 01795 | X | | | | | |
| -03 | SV-3 | | 8:55 | 9:15 | -29.9 | -6.0 | | | | 2225 | 01767 | X | | | | | |
| -04 | SV-4 | | 12:54 | 13:14 | -35.3 | -8.7 | | | | 1480 | 242 | X | | | | | |
| -05 | SV-5 | | 12:20 | 12:40 | -30 | -0.3 | | | | 2245 | 0717 | X | | | | | |
| -06 | SV-6 | | 12:30 | 12:50 | -30 | -5.3 | | | | 2762 | 01130 | X | | | | | |

JRN

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

| Relinquished By: | Date/Time | Received By: | Date/Time: |
|---|---|---|---|
| John Norgard | 9-25-2020 | GJAC (AAL) | 9/25/20, 18:15 |
| GJAC | 9/25/20, 19:25 | | 9/25/20 2300 |
| | 9/26/20 0405 | Kim Bart | 9/26/20 0405 |

Form No: 201-02 Rev: (25-Sep-15)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2045623 |
| Client: | Soils Engineering Services, Inc.<br>12A Maple Avenue<br>Pine Brook, NJ 07058 |
| ATTN: | Andrew Allen |
| Phone: | (973) 808-9050 |
| Project Name: | 8 WESTCHESTER PLACE |
| Project Number: | 11513:4.2 |
| Report Date: | 10/29/20 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2045623-01 | SB-11 (7') | SOIL | NEW ROCHELLE, NY | 10/21/20 09:00 | 10/21/20 |
| L2045623-02 | SB-12 (8') | SOIL | NEW ROCHELLE, NY | 10/21/20 09:55 | 10/21/20 |
| L2045623-03 | SB-13 (7') | SOIL | NEW ROCHELLE, NY | 10/21/20 10:20 | 10/21/20 |
| L2045623-04 | SB-13 (12') | SOIL | NEW ROCHELLE, NY | 10/21/20 10:30 | 10/21/20 |
| L2045623-05 | SB-10 (6') | SOIL | NEW ROCHELLE, NY | 10/21/20 11:00 | 10/21/20 |
| L2045623-06 | SB-9 (8') | SOIL | NEW ROCHELLE, NY | 10/21/20 11:40 | 10/21/20 |
| L2045623-07 | SB-9 (14') | SOIL | NEW ROCHELLE, NY | 10/21/20 11:50 | 10/21/20 |
| L2045623-08 | SB-8 (9') | SOIL | NEW ROCHELLE, NY | 10/21/20 12:15 | 10/21/20 |
| L2045623-09 | SB-8 (13') | SOIL | NEW ROCHELLE, NY | 10/21/20 12:25 | 10/21/20 |
| L2045623-10 | SB-7 (7') | SOIL | NEW ROCHELLE, NY | 10/21/20 13:00 | 10/21/20 |
| L2045623-11 | SB-7 (10') | SOIL | NEW ROCHELLE, NY | 10/21/20 13:10 | 10/21/20 |
| L2045623-12 | SB-6 (8') | SOIL | NEW ROCHELLE, NY | 10/21/20 13:20 | 10/21/20 |
| L2045623-13 | SB-5 (8') | SOIL | NEW ROCHELLE, NY | 10/21/20 14:40 | 10/21/20 |
| L2045623-14 | SB-5 (13') | SOIL | NEW ROCHELLE, NY | 10/21/20 14:50 | 10/21/20 |

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

**Case Narrative (continued)**

Report Submission

October 29, 2020: This final report includes the results of all requested analyses.

October 22, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1425067-5 Method Blank, associated with L2045623-01 and -02, has a concentration above the reporting limit for bromomethane. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Perfluorinated Alkyl Acids by Isotope Dilution

L2045623-01, -13RE, -14 and WG1425046-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2045623-13RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

L2045623-13RE: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2045623-14: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

The Extracted Internal Standard recovery for the WG1425046-1 Method Blank, associated with L2045623-01, -02, -03, -04 and -14, is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%); however, all associated samples are non-detect for Perfluorooctanesulfonamide (FOSA) and have an acceptable Extracted Internal Standard recovery for M8FOSA; therefore, no further actions were taken.

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623
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**Case Narrative (continued)**

WG1425046-2/-3: The Extracted Internal Standard recovery is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%); however, all associated target analytes are within criteria; therefore, no further action was taken.

Pesticides

L2045623-02: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2045623-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (490%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

Total Metals

L2045623-01 through -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1425011-3 MS recoveries for aluminum (201%), iron (1840%), and manganese (350%), performed on L2045623-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1425011-3 MS recoveries, performed on L2045623-01, are outside the acceptance criteria for antimony (73%) and cadmium (74%). A post digestion spike was performed and was within acceptance criteria.

The WG1425011-3 MS recovery, performed on L2045623-01, is outside the acceptance criteria for magnesium (74%). A post digestion spike was performed and yielded an unacceptable recovery for magnesium (79%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1425011-3 MS recovery, performed on L2045623-01, is outside the acceptance criteria for nickel (69%). A post digestion spike was performed and yielded an unacceptable recovery for nickel (76%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

Cyanide, Total

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

**Case Narrative (continued)**

The WG1425107-2/-3 LCS/LCSD recoveries for cyanide, total (78%/78%), associated with L2045623-01 through -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1425108-3 LCSD recovery for cyanide, total (79%), associated with L2045623-08 through -14, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/29/20

# ORGANICS

# VOLATILES

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D2 Date Collected: 10/21/20 09:00
Client ID: SB-11 (7') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 10:59
Analyst: JC
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 1100 | 500 | 4 |
| 1,1-Dichloroethane | ND | | ug/kg | 220 | 32. | 4 |
| Chloroform | ND | | ug/kg | 330 | 31. | 4 |
| Carbon tetrachloride | ND | | ug/kg | 220 | 50. | 4 |
| 1,2-Dichloropropane | ND | | ug/kg | 220 | 27. | 4 |
| Dibromochloromethane | ND | | ug/kg | 220 | 31. | 4 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 220 | 59. | 4 |
| Tetrachloroethene | ND | | ug/kg | 110 | 43. | 4 |
| Chlorobenzene | ND | | ug/kg | 110 | 28. | 4 |
| Trichlorofluoromethane | ND | | ug/kg | 880 | 150 | 4 |
| 1,2-Dichloroethane | ND | | ug/kg | 220 | 56. | 4 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 110 | 37. | 4 |
| Bromodichloromethane | ND | | ug/kg | 110 | 24. | 4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 220 | 60. | 4 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 110 | 35. | 4 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 110 | 35. | 4 |
| 1,1-Dichloropropene | ND | | ug/kg | 110 | 35. | 4 |
| Bromoform | ND | | ug/kg | 880 | 54. | 4 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 110 | 36. | 4 |
| Benzene | 260 | | ug/kg | 110 | 36. | 4 |
| Toluene | ND | | ug/kg | 220 | 120 | 4 |
| Ethylbenzene | 4500 | | ug/kg | 220 | 31. | 4 |
| Chloromethane | ND | | ug/kg | 880 | 200 | 4 |
| Bromomethane | 170 | J | ug/kg | 440 | 130 | 4 |
| Vinyl chloride | ND | | ug/kg | 220 | 74. | 4 |
| Chloroethane | ND | | ug/kg | 440 | 99. | 4 |
| 1,1-Dichloroethene | ND | | ug/kg | 220 | 52. | 4 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 330 | 30. | 4 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D2 Date Collected: 10/21/20 09:00
Client ID: SB-11 (7') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 110 | 30. | 4 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 440 | 32. | 4 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 440 | 32. | 4 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 440 | 38. | 4 |
| Methyl tert butyl ether | ND | | ug/kg | 440 | 44. | 4 |
| p/m-Xylene | 42000 | | ug/kg | 440 | 120 | 4 |
| o-Xylene | 80 | J | ug/kg | 220 | 64. | 4 |
| Xylenes, Total | 42000 | J | ug/kg | 220 | 64. | 4 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 220 | 38. | 4 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 220 | 30. | 4 |
| Dibromomethane | ND | | ug/kg | 440 | 52. | 4 |
| Styrene | ND | | ug/kg | 220 | 43. | 4 |
| Dichlorodifluoromethane | ND | | ug/kg | 2200 | 200 | 4 |
| Acetone | ND | | ug/kg | 2200 | 1000 | 4 |
| Carbon disulfide | ND | | ug/kg | 2200 | 1000 | 4 |
| 2-Butanone | ND | | ug/kg | 2200 | 490 | 4 |
| Vinyl acetate | ND | | ug/kg | 2200 | 470 | 4 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 2200 | 280 | 4 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 440 | 28. | 4 |
| 2-Hexanone | ND | | ug/kg | 2200 | 260 | 4 |
| Bromochloromethane | ND | | ug/kg | 440 | 45. | 4 |
| 2,2-Dichloropropane | ND | | ug/kg | 440 | 44. | 4 |
| 1,2-Dibromoethane | ND | | ug/kg | 220 | 61. | 4 |
| 1,3-Dichloropropane | ND | | ug/kg | 440 | 37. | 4 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 110 | 29. | 4 |
| Bromobenzene | ND | | ug/kg | 440 | 32. | 4 |
| n-Butylbenzene | 7900 | | ug/kg | 220 | 37. | 4 |
| sec-Butylbenzene | 4600 | | ug/kg | 220 | 32. | 4 |
| tert-Butylbenzene | 210 | J | ug/kg | 440 | 26. | 4 |
| o-Chlorotoluene | ND | | ug/kg | 440 | 42. | 4 |
| p-Chlorotoluene | ND | | ug/kg | 440 | 24. | 4 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 660 | 220 | 4 |
| Hexachlorobutadiene | ND | | ug/kg | 880 | 37. | 4 |
| Isopropylbenzene | 7000 | | ug/kg | 220 | 24. | 4 |
| p-Isopropyltoluene | 4500 | | ug/kg | 220 | 24. | 4 |
| Naphthalene | 24000 | | ug/kg | 880 | 140 | 4 |
| Acrylonitrile | ND | | ug/kg | 880 | 250 | 4 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D2 Date Collected: 10/21/20 09:00
Client ID: SB-11 (7') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| n-Propylbenzene | 22000 | | ug/kg | 220 | 38. | 4 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 440 | 71. | 4 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 440 | 60. | 4 |
| 1,3,5-Trimethylbenzene | 550 | | ug/kg | 440 | 42. | 4 |
| 1,2,4-Trimethylbenzene | 140000 | E | ug/kg | 440 | 73. | 4 |
| 1,4-Dioxane | ND | | ug/kg | 18000 | 7700 | 4 |
| p-Diethylbenzene | 6500 | | ug/kg | 440 | 39. | 4 |
| p-Ethyltoluene | 38000 | | ug/kg | 440 | 84. | 4 |
| 1,2,4,5-Tetramethylbenzene | 14000 | | ug/kg | 440 | 42. | 4 |
| Ethyl ether | ND | | ug/kg | 440 | 75. | 4 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 1100 | 310 | 4 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 428000 | J | ug/kg | | | 4 |
| Unknown Naphthalene | 33800 | J | ug/kg | | | 4 |
| Unknown Cyclohexane | 23200 | J | ug/kg | | | 4 |
| Unknown Aromatic | 22000 | J | ug/kg | | | 4 |
| Unknown Aromatic | 43000 | J | ug/kg | | | 4 |
| Unknown Naphthalene | 20200 | J | ug/kg | | | 4 |
| Cyclohexane, methyl- | 30600 | NJ | ug/kg | | | 4 |
| Unknown Benzene | 31900 | J | ug/kg | | | 4 |
| Unknown Benzene | 43100 | J | ug/kg | | | 4 |
| Unknown Naphthalene | 24300 | J | ug/kg | | | 4 |
| Unknown Benzene | 25600 | J | ug/kg | | | 4 |
| Heptane, 2-methyl- | 23000 | NJ | ug/kg | | | 4 |
| Unknown Alkane | 31200 | J | ug/kg | | | 4 |
| Unknown Benzene | 27800 | J | ug/kg | | | 4 |
| Unknown Aromatic | 28100 | J | ug/kg | | | 4 |
| Unknown Naphthalene | 20000 | J | ug/kg | | | 4 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D2 Date Collected: 10/21/20 09:00
Client ID: SB-11 (7') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 119 | | 70-130 |
| Dibromofluoromethane | 89 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 08:21
Analyst: MV
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| 1,2,4-Trimethylbenzene | 140000 | | ug/kg | 2200 | 370 | 20 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 11:51
Analyst: JC
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 120 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.3 | 1 |
| Chloroform | ND | | ug/kg | 76 | 7.1 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.3 | 1 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.1 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. | 1 |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.9 | 1 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 | 1 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.5 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 8.0 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 25 | 8.0 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 25 | 8.0 | 1 |
| Bromoform | ND | | ug/kg | 200 | 12. | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.4 | 1 |
| Benzene | ND | | ug/kg | 25 | 8.4 | 1 |
| Toluene | ND | | ug/kg | 50 | 27. | 1 |
| Ethylbenzene | 24 | J | ug/kg | 50 | 7.1 | 1 |
| Chloromethane | ND | | ug/kg | 200 | 47. | 1 |
| Bromomethane | 80 | J | ug/kg | 100 | 29. | 1 |
| Vinyl chloride | ND | | ug/kg | 50 | 17. | 1 |
| Chloroethane | ND | | ug/kg | 100 | 23. | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 76 | 6.9 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 25 | 6.9 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.3 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.5 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. | 1 |
| p/m-Xylene | ND | | ug/kg | 100 | 28. | 1 |
| o-Xylene | 45 | J | ug/kg | 50 | 15. | 1 |
| Xylenes, Total | 45 | J | ug/kg | 50 | 15. | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 50 | 6.9 | 1 |
| Dibromomethane | ND | | ug/kg | 100 | 12. | 1 |
| Styrene | ND | | ug/kg | 50 | 9.9 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. | 1 |
| Acetone | ND | | ug/kg | 500 | 240 | 1 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 | 1 |
| 2-Butanone | ND | | ug/kg | 500 | 110 | 1 |
| Vinyl acetate | ND | | ug/kg | 500 | 110 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 65. | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 100 | 6.4 | 1 |
| 2-Hexanone | ND | | ug/kg | 500 | 60. | 1 |
| Bromochloromethane | ND | | ug/kg | 100 | 10. | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 100 | 10. | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 100 | 8.4 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 25 | 6.7 | 1 |
| Bromobenzene | ND | | ug/kg | 100 | 7.3 | 1 |
| n-Butylbenzene | 1100 | | ug/kg | 50 | 8.4 | 1 |
| sec-Butylbenzene | 1000 | | ug/kg | 50 | 7.4 | 1 |
| tert-Butylbenzene | 85 | J | ug/kg | 100 | 6.0 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 100 | 9.6 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 100 | 5.4 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 8.5 | 1 |
| Isopropylbenzene | 470 | | ug/kg | 50 | 5.5 | 1 |
| p-Isopropyltoluene | 140 | | ug/kg | 50 | 5.5 | 1 |
| Naphthalene | 910 | | ug/kg | 200 | 33. | 1 |
| Acrylonitrile | ND | | ug/kg | 200 | 58. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 High - Westborough Lab** | | | | | | |
| n-Propylbenzene | 1200 | | ug/kg | 50 | 8.6 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 100 | 9.8 | 1 |
| 1,2,4-Trimethylbenzene | 24 | J | ug/kg | 100 | 17. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 | 1 |
| p-Diethylbenzene | 990 | | ug/kg | 100 | 8.9 | 1 |
| p-Ethyltoluene | 170 | | ug/kg | 100 | 19. | 1 |
| 1,2,4,5-Tetramethylbenzene | 5200 | | ug/kg | 100 | 9.6 | 1 |
| Ethyl ether | ND | | ug/kg | 100 | 17. | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 250 | 72. | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 124000 | J | ug/kg | | | 1 |
| Unknown Aromatic | 10400 | J | ug/kg | | | 1 |
| Unknown | 5050 | J | ug/kg | | | 1 |
| Unknown Aromatic | 6090 | J | ug/kg | | | 1 |
| Unknown Aromatic | 6400 | J | ug/kg | | | 1 |
| Unknown Aromatic | 8970 | J | ug/kg | | | 1 |
| Benzene, (2-methyl-1-butenyl)- | 11900 | NJ | ug/kg | | | 1 |
| Unknown | 8060 | J | ug/kg | | | 1 |
| Unknown Aromatic | 7190 | J | ug/kg | | | 1 |
| Unknown Aromatic | 8280 | J | ug/kg | | | 1 |
| Benzene, (1-Ethyl-1-Propenyl)- | 5600 | NJ | ug/kg | | | 1 |
| Unknown Aromatic | 10300 | J | ug/kg | | | 1 |
| Unknown Aromatic | 11600 | J | ug/kg | | | 1 |
| Unknown | 7360 | J | ug/kg | | | 1 |
| Unknown Aromatic | 7580 | J | ug/kg | | | 1 |
| Unknown Aromatic | 9130 | J | ug/kg | | | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 92 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 111 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 08:16
Analyst: MV
Percent Solids: 93%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.2 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.52 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.52 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.1 | 0.72 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.52 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.1 | 0.25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.56 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.1 | 0.96 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.60 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.35 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.47 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.25 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.52 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.58 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.1 | 0.25 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.94 | 1 |
| Acetone | ND | | ug/kg | 10 | 5.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.7 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.3 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.1 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.1 | 0.17 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.14 | 1 |
| Bromobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.1 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.1 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.1 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.1 | 0.17 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.1 | 0.67 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.1 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 83 | 36. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.1 | 0.40 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Ethyl ether | ND | | ug/kg | 2.1 | 0.35 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.2 | 1.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 6.12 | J | ug/kg | | | 1 |
| Unknown | 2.96 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 3.16 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 93 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 93 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 08:41
Analyst: MV
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.6 | 2.6 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.26 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.56 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.56 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.5 | 0.78 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.29 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.56 | 0.19 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.56 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.31 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.56 | 0.18 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.56 | 0.18 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.56 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.5 | 0.28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.56 | 0.19 | 1 |
| Benzene | ND | | ug/kg | 0.56 | 0.19 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.61 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.5 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.65 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.38 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.51 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.27 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.15 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.56 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.17 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.19 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.63 | 1 |
| o-Xylene | ND | | ug/kg | 1.1 | 0.33 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.1 | 0.33 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.20 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Dibromomethane | ND | | ug/kg | 2.2 | 0.27 | 1 |
| Styrene | ND | | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | 6.2 | J | ug/kg | 11 | 5.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.1 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 2.5 | 1 |
| Vinyl acetate | ND | | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.2 | 0.14 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.23 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.2 | 0.23 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.2 | 0.19 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.56 | 0.15 | 1 |
| Bromobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.2 | 0.13 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.2 | 0.21 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.2 | 0.12 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.4 | 1.1 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.5 | 0.19 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Naphthalene | ND | | ug/kg | 4.5 | 0.73 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.5 | 1.3 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.30 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.2 | 0.22 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.2 | 0.37 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 90 | 39. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.2 | 0.20 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.2 | 0.43 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.2 | 0.21 | 1 |
| Ethyl ether | ND | | ug/kg | 2.2 | 0.38 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.6 | 1.6 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 3.66 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 3.66 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 09:06
Analyst: MV
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.1 | 2.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.51 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.51 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.1 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.51 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.51 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.51 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.51 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.1 | 0.25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.55 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.1 | 0.95 | 1 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.59 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 | 1 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.46 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05 Date Collected: 10/21/20 11:00

Client ID: SB-10 (6') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.51 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.57 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.93 | 1 |
| Acetone | ND | | ug/kg | 10 | 4.9 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.21 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.51 | 0.13 | 1 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.1 | 0.17 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.1 | 0.66 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.1 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05 Date Collected: 10/21/20 11:00

Client ID: SB-10 (6') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.34 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 81 | 36. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.39 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 | 1 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.35 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.1 | 1.4 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 3.00 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 3.00 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 09:31
Analyst: MV
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.2 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.52 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.52 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.2 | 0.73 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.52 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.52 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.29 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.2 | 0.26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.57 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.2 | 0.98 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.61 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.35 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.47 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.25 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06 Date Collected: 10/21/20 11:40

Client ID: SB-9 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.52 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.59 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.1 | 0.25 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.96 | 1 |
| Acetone | ND | | ug/kg | 10 | 5.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.8 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.3 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.1 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.22 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.1 | 0.18 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.14 | 1 |
| Bromobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.1 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.1 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.2 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.2 | 0.18 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.2 | 0.68 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.2 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06 Date Collected: 10/21/20 11:40

Client ID: SB-9 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.35 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 84 | 37. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.1 | 0.40 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Ethyl ether | ND | | ug/kg | 2.1 | 0.36 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.2 | 1.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 3.12 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 3.12 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50
Client ID: SB-9 (14') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 11:11
Analyst: MV
Percent Solids: 96%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.1 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.51 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.51 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.1 | 0.71 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.51 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.51 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.51 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.51 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.1 | 0.25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.51 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.56 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.1 | 0.96 | 1 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.60 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 | 1 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.46 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50

Client ID: SB-9 (14') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.51 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.58 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.94 | 1 |
| Acetone | 5.2 | J | ug/kg | 10 | 4.9 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.7 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.3 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.21 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.51 | 0.14 | 1 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.20 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.1 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.1 | 0.17 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.1 | 0.67 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.1 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50

Client ID: SB-9 (14') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.34 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 82 | 36. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.39 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.20 | 1 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.35 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.1 | 1.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 2.43 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 2.43 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 96 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 09:56
Analyst: MV
Percent Solids: 96%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.50 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.55 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.94 | 1 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 | 1 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.46 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08 Date Collected: 10/21/20 12:15

Client ID: SB-8 (9') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.29 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 | 1 |
| Styrene | 0.24 | J | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 | 1 |
| Acetone | ND | | ug/kg | 10 | 4.8 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.21 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.13 | 1 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.0 | 0.17 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.0 | 0.65 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.0 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08 Date Collected: 10/21/20 12:15

Client ID: SB-8 (9') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.19 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.34 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.39 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 | 1 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.34 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.0 | 1.4 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 2.83 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 2.83 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 70-130 |
| Dibromofluoromethane | 95 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25
Client ID: SB-8 (13') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 10:21
Analyst: MV
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.5 | 2.5 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloroform | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.1 | 0.26 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.1 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.1 | 0.16 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.1 | 0.30 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.55 | 0.22 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.55 | 0.14 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.4 | 0.77 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.1 | 0.28 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.55 | 0.12 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.1 | 0.30 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.55 | 0.18 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Bromoform | ND | | ug/kg | 4.4 | 0.27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Benzene | ND | | ug/kg | 0.55 | 0.18 | 1 |
| Toluene | ND | | ug/kg | 1.1 | 0.60 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| Chloromethane | ND | | ug/kg | 4.4 | 1.0 | 1 |
| Bromomethane | ND | | ug/kg | 2.2 | 0.64 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.1 | 0.37 | 1 |
| Chloroethane | ND | | ug/kg | 2.2 | 0.50 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.1 | 0.26 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.7 | 0.15 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25

Client ID: SB-8 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.55 | 0.15 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.2 | 0.19 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.2 | 0.22 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.2 | 0.62 | 1 |
| o-Xylene | ND | | ug/kg | 1.1 | 0.32 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.1 | 0.32 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.1 | 0.15 | 1 |
| Dibromomethane | ND | | ug/kg | 2.2 | 0.26 | 1 |
| Styrene | 0.24 | J | ug/kg | 1.1 | 0.22 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 11 | 1.0 | 1 |
| Acetone | 5.3 | J | ug/kg | 11 | 5.3 | 1 |
| Carbon disulfide | ND | | ug/kg | 11 | 5.0 | 1 |
| 2-Butanone | ND | | ug/kg | 11 | 2.5 | 1 |
| Vinyl acetate | ND | | ug/kg | 11 | 2.4 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 11 | 1.4 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.2 | 0.14 | 1 |
| 2-Hexanone | ND | | ug/kg | 11 | 1.3 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.2 | 0.23 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.2 | 0.22 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.1 | 0.31 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.2 | 0.18 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.55 | 0.15 | 1 |
| Bromobenzene | ND | | ug/kg | 2.2 | 0.16 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.1 | 0.18 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.1 | 0.16 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.2 | 0.13 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.2 | 0.21 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.2 | 0.12 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.3 | 1.1 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.4 | 0.19 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.1 | 0.12 | 1 |
| Naphthalene | ND | | ug/kg | 4.4 | 0.72 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.4 | 1.3 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25

Client ID: SB-8 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.1 | 0.19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.2 | 0.30 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.2 | 0.21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.2 | 0.37 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 89 | 39. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.2 | 0.20 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.2 | 0.43 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.2 | 0.21 | 1 |
| Ethyl ether | ND | | ug/kg | 2.2 | 0.38 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.5 | 1.6 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 3.28 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 3.28 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00
Client ID: SB-7 (7') Date Received: 10/21/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 10:46
Analyst: MV
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.2 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| Tetrachloroethene | 1.2 | | ug/kg | 0.52 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.52 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.1 | 0.72 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.52 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.28 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| Bromoform | ND | | ug/kg | 4.1 | 0.25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.56 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Chloromethane | ND | | ug/kg | 4.1 | 0.96 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.60 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.46 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00

Client ID: SB-7 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.52 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.58 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.1 | 0.24 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.94 | 1 |
| Acetone | 5.2 | J | ug/kg | 10 | 5.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.7 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.3 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.1 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.1 | 0.17 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.14 | 1 |
| Bromobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.1 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.1 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.1 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.1 | 0.17 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.1 | 0.67 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.1 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00

Client ID: SB-7 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 82 | 36. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.1 | 0.40 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Ethyl ether | ND | | ug/kg | 2.1 | 0.35 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.2 | 1.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 2.84 | J | ug/kg | | | 1 |
| Cyclotrisiloxane, Hexamethyl- | 2.84 | NJ | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 98 | | 70-130 |
| 4-Bromofluorobenzene | 102 | | 70-130 |
| Dibromofluoromethane | 93 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 09:14
Analyst: MV
Percent Solids: 82%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 6.4 | 3.0 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.3 | 0.19 | 1 |
| Chloroform | ND | | ug/kg | 1.9 | 0.18 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.3 | 0.30 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.3 | 0.16 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.3 | 0.18 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.3 | 0.34 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.64 | 0.25 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.64 | 0.16 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 5.2 | 0.90 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.3 | 0.33 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.64 | 0.22 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.64 | 0.14 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.3 | 0.35 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.64 | 0.20 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.64 | 0.20 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.64 | 0.20 | 1 |
| Bromoform | ND | | ug/kg | 5.2 | 0.32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Benzene | ND | | ug/kg | 0.64 | 0.21 | 1 |
| Toluene | ND | | ug/kg | 1.3 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Chloromethane | ND | | ug/kg | 5.2 | 1.2 | 1 |
| Bromomethane | ND | | ug/kg | 2.6 | 0.75 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.3 | 0.43 | 1 |
| Chloroethane | ND | | ug/kg | 2.6 | 0.58 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.3 | 0.31 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.9 | 0.18 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11 Date Collected: 10/21/20 13:10

Client ID: SB-7 (10') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.64 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.18 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.19 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.6 | 0.22 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.6 | 0.26 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.6 | 0.72 | 1 |
| o-Xylene | ND | | ug/kg | 1.3 | 0.38 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.3 | 0.38 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.22 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.3 | 0.18 | 1 |
| Dibromomethane | ND | | ug/kg | 2.6 | 0.31 | 1 |
| Styrene | ND | | ug/kg | 1.3 | 0.25 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 13 | 1.2 | 1 |
| Acetone | 6.2 | J | ug/kg | 13 | 6.2 | 1 |
| Carbon disulfide | ND | | ug/kg | 13 | 5.9 | 1 |
| 2-Butanone | ND | | ug/kg | 13 | 2.9 | 1 |
| Vinyl acetate | ND | | ug/kg | 13 | 2.8 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 13 | 1.6 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.6 | 0.16 | 1 |
| 2-Hexanone | ND | | ug/kg | 13 | 1.5 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.6 | 0.26 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.6 | 0.26 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.3 | 0.36 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.6 | 0.22 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.64 | 0.17 | 1 |
| Bromobenzene | ND | | ug/kg | 2.6 | 0.19 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.3 | 0.22 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.3 | 0.19 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.6 | 0.15 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.6 | 0.25 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.6 | 0.14 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.9 | 1.3 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 5.2 | 0.22 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.3 | 0.14 | 1 |
| Naphthalene | ND | | ug/kg | 5.2 | 0.84 | 1 |
| Acrylonitrile | ND | | ug/kg | 5.2 | 1.5 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11 Date Collected: 10/21/20 13:10

Client ID: SB-7 (10') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.3 | 0.22 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.6 | 0.35 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.6 | 0.25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.6 | 0.43 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 100 | 45. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.6 | 0.23 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.6 | 0.50 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.6 | 0.25 | 1 |
| Ethyl ether | ND | | ug/kg | 2.6 | 0.44 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 6.4 | 1.8 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 93 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 09:40
Analyst: MV
Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 5.2 | 2.4 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloroform | 0.17 | J | ug/kg | 1.6 | 0.15 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.24 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.13 | 1 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.28 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.52 | 0.20 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.52 | 0.13 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 4.2 | 0.73 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.27 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.52 | 0.18 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.52 | 0.11 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.29 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.52 | 0.16 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Bromoform | ND | | ug/kg | 4.2 | 0.26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Benzene | ND | | ug/kg | 0.52 | 0.17 | 1 |
| Toluene | ND | | ug/kg | 1.0 | 0.57 | 1 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| Chloromethane | ND | | ug/kg | 4.2 | 0.98 | 1 |
| Bromomethane | ND | | ug/kg | 2.1 | 0.61 | 1 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.35 | 1 |
| Chloroethane | ND | | ug/kg | 2.1 | 0.47 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.25 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.6 | 0.14 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12 Date Collected: 10/21/20 13:20

Client ID: SB-6 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.52 | 0.14 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.16 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 2.1 | 0.21 | 1 |
| p/m-Xylene | ND | | ug/kg | 2.1 | 0.59 | 1 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.30 | 1 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.30 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 | 1 |
| Dibromomethane | ND | | ug/kg | 2.1 | 0.25 | 1 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.96 | 1 |
| Acetone | ND | | ug/kg | 10 | 5.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.8 | 1 |
| 2-Butanone | ND | | ug/kg | 10 | 2.3 | 1 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.1 | 0.13 | 1 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 | 1 |
| Bromochloromethane | ND | | ug/kg | 2.1 | 0.22 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.1 | 0.21 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.29 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.1 | 0.18 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.52 | 0.14 | 1 |
| Bromobenzene | ND | | ug/kg | 2.1 | 0.15 | 1 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 2.1 | 0.12 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 2.1 | 0.11 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.1 | 1.0 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 4.2 | 0.18 | 1 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 | 1 |
| Naphthalene | ND | | ug/kg | 4.2 | 0.68 | 1 |
| Acrylonitrile | ND | | ug/kg | 4.2 | 1.2 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12 Date Collected: 10/21/20 13:20

Client ID: SB-6 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.1 | 0.28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.1 | 0.35 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 84 | 37. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 2.1 | 0.18 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 2.1 | 0.40 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.1 | 0.20 | 1 |
| Ethyl ether | ND | | ug/kg | 2.1 | 0.36 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.2 | 1.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 10:06
Analyst: MV
Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.6 | 2.1 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.92 | 0.13 | 1 |
| Chloroform | ND | | ug/kg | 1.4 | 0.13 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.92 | 0.21 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.92 | 0.12 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.92 | 0.13 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.92 | 0.25 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.46 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.46 | 0.12 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.7 | 0.64 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.92 | 0.24 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.46 | 0.10 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.92 | 0.25 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.46 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.46 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Bromoform | ND | | ug/kg | 3.7 | 0.23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Benzene | ND | | ug/kg | 0.46 | 0.15 | 1 |
| Toluene | ND | | ug/kg | 0.92 | 0.50 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.92 | 0.13 | 1 |
| Chloromethane | ND | | ug/kg | 3.7 | 0.86 | 1 |
| Bromomethane | ND | | ug/kg | 1.8 | 0.54 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.92 | 0.31 | 1 |
| Chloroethane | ND | | ug/kg | 1.8 | 0.42 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.92 | 0.22 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.4 | 0.13 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 Date Collected: 10/21/20 14:40

Client ID: SB-5 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.46 | 0.13 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.14 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.8 | 0.18 | 1 |
| p/m-Xylene | ND | | ug/kg | 1.8 | 0.52 | 1 |
| o-Xylene | ND | | ug/kg | 0.92 | 0.27 | 1 |
| Xylenes, Total | ND | | ug/kg | 0.92 | 0.27 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.92 | 0.16 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 0.92 | 0.13 | 1 |
| Dibromomethane | ND | | ug/kg | 1.8 | 0.22 | 1 |
| Styrene | ND | | ug/kg | 0.92 | 0.18 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 9.2 | 0.84 | 1 |
| Acetone | ND | | ug/kg | 9.2 | 4.4 | 1 |
| Carbon disulfide | ND | | ug/kg | 9.2 | 4.2 | 1 |
| 2-Butanone | ND | | ug/kg | 9.2 | 2.0 | 1 |
| Vinyl acetate | ND | | ug/kg | 9.2 | 2.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9.2 | 1.2 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 1.8 | 0.12 | 1 |
| 2-Hexanone | ND | | ug/kg | 9.2 | 1.1 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.8 | 0.19 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 1.8 | 0.19 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.92 | 0.26 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 1.8 | 0.15 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.46 | 0.12 | 1 |
| Bromobenzene | ND | | ug/kg | 1.8 | 0.13 | 1 |
| n-Butylbenzene | ND | | ug/kg | 0.92 | 0.15 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 0.92 | 0.13 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 1.8 | 0.11 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 1.8 | 0.18 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 1.8 | 0.10 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.8 | 0.92 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 3.7 | 0.16 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.92 | 0.10 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 0.92 | 0.10 | 1 |
| Naphthalene | ND | | ug/kg | 3.7 | 0.60 | 1 |
| Acrylonitrile | ND | | ug/kg | 3.7 | 1.1 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 Date Collected: 10/21/20 14:40

Client ID: SB-5 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 0.92 | 0.16 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.30 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.8 | 0.25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 1.8 | 0.18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 1.8 | 0.31 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 74 | 32. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 1.8 | 0.16 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 1.8 | 0.35 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 1.8 | 0.18 | 1 |
| Ethyl ether | ND | | ug/kg | 1.8 | 0.31 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 4.6 | 1.3 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 101 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/20 10:32
Analyst: MV
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/kg | 4.2 | 1.9 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 0.84 | 0.12 | 1 |
| Chloroform | 0.14 | J | ug/kg | 1.3 | 0.12 | 1 |
| Carbon tetrachloride | ND | | ug/kg | 0.84 | 0.19 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 0.84 | 0.10 | 1 |
| Dibromochloromethane | ND | | ug/kg | 0.84 | 0.12 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 0.84 | 0.22 | 1 |
| Tetrachloroethene | ND | | ug/kg | 0.42 | 0.16 | 1 |
| Chlorobenzene | ND | | ug/kg | 0.42 | 0.11 | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 3.4 | 0.58 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 0.84 | 0.22 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.42 | 0.14 | 1 |
| Bromodichloromethane | ND | | ug/kg | 0.42 | 0.09 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 0.84 | 0.23 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.42 | 0.13 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.42 | 0.13 | 1 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.42 | 0.13 | 1 |
| Bromoform | ND | | ug/kg | 3.4 | 0.21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.42 | 0.14 | 1 |
| Benzene | ND | | ug/kg | 0.42 | 0.14 | 1 |
| Toluene | ND | | ug/kg | 0.84 | 0.46 | 1 |
| Ethylbenzene | ND | | ug/kg | 0.84 | 0.12 | 1 |
| Chloromethane | ND | | ug/kg | 3.4 | 0.78 | 1 |
| Bromomethane | ND | | ug/kg | 1.7 | 0.49 | 1 |
| Vinyl chloride | ND | | ug/kg | 0.84 | 0.28 | 1 |
| Chloroethane | ND | | ug/kg | 1.7 | 0.38 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 0.84 | 0.20 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.3 | 0.12 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/kg | 0.42 | 0.12 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1.7 | 0.12 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1.7 | 0.12 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1.7 | 0.14 | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 1.7 | 0.17 | 1 |
| p/m-Xylene | ND | | ug/kg | 1.7 | 0.47 | 1 |
| o-Xylene | ND | | ug/kg | 0.84 | 0.24 | 1 |
| Xylenes, Total | ND | | ug/kg | 0.84 | 0.24 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 0.84 | 0.15 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 0.84 | 0.12 | 1 |
| Dibromomethane | ND | | ug/kg | 1.7 | 0.20 | 1 |
| Styrene | ND | | ug/kg | 0.84 | 0.16 | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 8.4 | 0.77 | 1 |
| Acetone | ND | | ug/kg | 8.4 | 4.0 | 1 |
| Carbon disulfide | ND | | ug/kg | 8.4 | 3.8 | 1 |
| 2-Butanone | ND | | ug/kg | 8.4 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/kg | 8.4 | 1.8 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 8.4 | 1.1 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 1.7 | 0.11 | 1 |
| 2-Hexanone | ND | | ug/kg | 8.4 | 0.99 | 1 |
| Bromochloromethane | ND | | ug/kg | 1.7 | 0.17 | 1 |
| 2,2-Dichloropropane | ND | | ug/kg | 1.7 | 0.17 | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 0.84 | 0.23 | 1 |
| 1,3-Dichloropropane | ND | | ug/kg | 1.7 | 0.14 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.42 | 0.11 | 1 |
| Bromobenzene | ND | | ug/kg | 1.7 | 0.12 | 1 |
| n-Butylbenzene | ND | | ug/kg | 0.84 | 0.14 | 1 |
| sec-Butylbenzene | ND | | ug/kg | 0.84 | 0.12 | 1 |
| tert-Butylbenzene | ND | | ug/kg | 1.7 | 0.10 | 1 |
| o-Chlorotoluene | ND | | ug/kg | 1.7 | 0.16 | 1 |
| p-Chlorotoluene | ND | | ug/kg | 1.7 | 0.09 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2.5 | 0.84 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 3.4 | 0.14 | 1 |
| Isopropylbenzene | ND | | ug/kg | 0.84 | 0.09 | 1 |
| p-Isopropyltoluene | ND | | ug/kg | 0.84 | 0.09 | 1 |
| Naphthalene | ND | | ug/kg | 3.4 | 0.55 | 1 |
| Acrylonitrile | ND | | ug/kg | 3.4 | 0.97 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 5035 Low - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/kg | 0.84 | 0.14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1.7 | 0.27 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1.7 | 0.23 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 1.7 | 0.16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 1.7 | 0.28 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 67 | 30. | 1 |
| p-Diethylbenzene | ND | | ug/kg | 1.7 | 0.15 | 1 |
| p-Ethyltoluene | ND | | ug/kg | 1.7 | 0.32 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 1.7 | 0.16 | 1 |
| Ethyl ether | ND | | ug/kg | 1.7 | 0.29 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 4.2 | 1.2 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:56
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1425067-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 250 | 110 |
| 1,1-Dichloroethane | ND | | ug/kg | 50 | 7.2 |
| Chloroform | ND | | ug/kg | 75 | 7.0 |
| Carbon tetrachloride | ND | | ug/kg | 50 | 12. |
| 1,2-Dichloropropane | ND | | ug/kg | 50 | 6.2 |
| Dibromochloromethane | ND | | ug/kg | 50 | 7.0 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 50 | 13. |
| Tetrachloroethene | ND | | ug/kg | 25 | 9.8 |
| Chlorobenzene | ND | | ug/kg | 25 | 6.4 |
| Trichlorofluoromethane | ND | | ug/kg | 200 | 35. |
| 1,2-Dichloroethane | ND | | ug/kg | 50 | 13. |
| 1,1,1-Trichloroethane | ND | | ug/kg | 25 | 8.4 |
| Bromodichloromethane | ND | | ug/kg | 25 | 5.4 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 50 | 14. |
| cis-1,3-Dichloropropene | ND | | ug/kg | 25 | 7.9 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 25 | 7.9 |
| 1,1-Dichloropropene | ND | | ug/kg | 25 | 8.0 |
| Bromoform | ND | | ug/kg | 200 | 12. |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 25 | 8.3 |
| Benzene | ND | | ug/kg | 25 | 8.3 |
| Toluene | ND | | ug/kg | 50 | 27. |
| Ethylbenzene | ND | | ug/kg | 50 | 7.0 |
| Chloromethane | ND | | ug/kg | 200 | 47. |
| Bromomethane | 160 | | ug/kg | 100 | 29. |
| Vinyl chloride | ND | | ug/kg | 50 | 17. |
| Chloroethane | ND | | ug/kg | 100 | 23. |
| 1,1-Dichloroethene | ND | | ug/kg | 50 | 12. |
| trans-1,2-Dichloroethene | ND | | ug/kg | 75 | 6.8 |
| Trichloroethene | ND | | ug/kg | 25 | 6.8 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:56
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1425067-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 100 | 7.2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 100 | 7.4 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 100 | 8.6 |
| Methyl tert butyl ether | ND | | ug/kg | 100 | 10. |
| p/m-Xylene | ND | | ug/kg | 100 | 28. |
| o-Xylene | ND | | ug/kg | 50 | 14. |
| Xylenes, Total | ND | | ug/kg | 50 | 14. |
| cis-1,2-Dichloroethene | ND | | ug/kg | 50 | 8.8 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 50 | 6.8 |
| Dibromomethane | ND | | ug/kg | 100 | 12. |
| Styrene | ND | | ug/kg | 50 | 9.8 |
| Dichlorodifluoromethane | ND | | ug/kg | 500 | 46. |
| Acetone | ND | | ug/kg | 500 | 240 |
| Carbon disulfide | ND | | ug/kg | 500 | 230 |
| 2-Butanone | ND | | ug/kg | 500 | 110 |
| Vinyl acetate | ND | | ug/kg | 500 | 110 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 500 | 64. |
| 1,2,3-Trichloropropane | ND | | ug/kg | 100 | 6.4 |
| 2-Hexanone | ND | | ug/kg | 500 | 59. |
| Bromochloromethane | ND | | ug/kg | 100 | 10. |
| 2,2-Dichloropropane | ND | | ug/kg | 100 | 10. |
| 1,2-Dibromoethane | ND | | ug/kg | 50 | 14. |
| 1,3-Dichloropropane | ND | | ug/kg | 100 | 8.4 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 25 | 6.6 |
| Bromobenzene | ND | | ug/kg | 100 | 7.2 |
| n-Butylbenzene | ND | | ug/kg | 50 | 8.4 |
| sec-Butylbenzene | ND | | ug/kg | 50 | 7.3 |
| tert-Butylbenzene | ND | | ug/kg | 100 | 5.9 |
| o-Chlorotoluene | ND | | ug/kg | 100 | 9.6 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:56
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1425067-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 100 | 5.4 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 150 | 50. |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 8.4 |
| Isopropylbenzene | ND | | ug/kg | 50 | 5.4 |
| p-Isopropyltoluene | ND | | ug/kg | 50 | 5.4 |
| Naphthalene | ND | | ug/kg | 200 | 32. |
| Acrylonitrile | ND | | ug/kg | 200 | 58. |
| n-Propylbenzene | ND | | ug/kg | 50 | 8.6 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 100 | 16. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 100 | 14. |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 100 | 9.6 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 100 | 17. |
| 1,4-Dioxane | ND | | ug/kg | 4000 | 1800 |
| p-Diethylbenzene | ND | | ug/kg | 100 | 8.8 |
| p-Ethyltoluene | ND | | ug/kg | 100 | 19. |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 100 | 9.6 |
| Ethyl ether | ND | | ug/kg | 100 | 17. |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 250 | 71. |

Tentatively Identified Compounds

| | | | |
|---|---|---|---|
| Total TIC Compounds | 210 | J | ug/kg |
| Unknown | 103 | J | ug/kg |
| Unknown | 107 | J | ug/kg |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:56
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1425067-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:51
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-10 Batch: WG1425075-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:51
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-10 Batch: WG1425075-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.13 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.14 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:51
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-10 Batch: WG1425075-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Hexachlorobutadiene | ND | | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 |
| Naphthalene | ND | | ug/kg | 4.0 | 0.65 |
| Acrylonitrile | ND | | ug/kg | 4.0 | 1.2 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.0 | 1.4 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 26.6 | J | ug/kg |
| Unknown | 8.15 | J | ug/kg |
| Cyclotrisiloxane, Hexamethyl- | 3.89 | NJ | ug/kg |
| Unknown | 8.45 | J | ug/kg |
| Unknown | 6.11 | J | ug/kg |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:51
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-10 Batch: WG1425075-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 94 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:30
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-14 Batch: WG1425120-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 5.0 | 2.3 |
| 1,1-Dichloroethane | ND | | ug/kg | 1.0 | 0.14 |
| Chloroform | ND | | ug/kg | 1.5 | 0.14 |
| Carbon tetrachloride | ND | | ug/kg | 1.0 | 0.23 |
| 1,2-Dichloropropane | ND | | ug/kg | 1.0 | 0.12 |
| Dibromochloromethane | ND | | ug/kg | 1.0 | 0.14 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 1.0 | 0.27 |
| Tetrachloroethene | ND | | ug/kg | 0.50 | 0.20 |
| Chlorobenzene | ND | | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane | ND | | ug/kg | 4.0 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/kg | 1.0 | 0.26 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane | ND | | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 1.0 | 0.27 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene | ND | | ug/kg | 0.50 | 0.16 |
| Bromoform | ND | | ug/kg | 4.0 | 0.25 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.17 |
| Benzene | ND | | ug/kg | 0.50 | 0.17 |
| Toluene | ND | | ug/kg | 1.0 | 0.54 |
| Ethylbenzene | ND | | ug/kg | 1.0 | 0.14 |
| Chloromethane | ND | | ug/kg | 4.0 | 0.93 |
| Bromomethane | ND | | ug/kg | 2.0 | 0.58 |
| Vinyl chloride | ND | | ug/kg | 1.0 | 0.34 |
| Chloroethane | ND | | ug/kg | 2.0 | 0.45 |
| 1,1-Dichloroethene | ND | | ug/kg | 1.0 | 0.24 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1.5 | 0.14 |
| Trichloroethene | ND | | ug/kg | 0.50 | 0.14 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:30
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-14 Batch: WG1425120-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.14 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.15 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 2.0 | 0.17 |
| Methyl tert butyl ether | ND | | ug/kg | 2.0 | 0.20 |
| p/m-Xylene | ND | | ug/kg | 2.0 | 0.56 |
| o-Xylene | ND | | ug/kg | 1.0 | 0.29 |
| Xylenes, Total | ND | | ug/kg | 1.0 | 0.29 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 1.0 | 0.18 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 1.0 | 0.14 |
| Dibromomethane | ND | | ug/kg | 2.0 | 0.24 |
| Styrene | ND | | ug/kg | 1.0 | 0.20 |
| Dichlorodifluoromethane | ND | | ug/kg | 10 | 0.92 |
| Acetone | ND | | ug/kg | 10 | 4.8 |
| Carbon disulfide | ND | | ug/kg | 10 | 4.6 |
| 2-Butanone | ND | | ug/kg | 10 | 2.2 |
| Vinyl acetate | ND | | ug/kg | 10 | 2.2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 10 | 1.3 |
| 1,2,3-Trichloropropane | ND | | ug/kg | 2.0 | 0.13 |
| 2-Hexanone | ND | | ug/kg | 10 | 1.2 |
| Bromochloromethane | ND | | ug/kg | 2.0 | 0.20 |
| 2,2-Dichloropropane | ND | | ug/kg | 2.0 | 0.20 |
| 1,2-Dibromoethane | ND | | ug/kg | 1.0 | 0.28 |
| 1,3-Dichloropropane | ND | | ug/kg | 2.0 | 0.17 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/kg | 0.50 | 0.13 |
| Bromobenzene | ND | | ug/kg | 2.0 | 0.14 |
| n-Butylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| sec-Butylbenzene | ND | | ug/kg | 1.0 | 0.15 |
| tert-Butylbenzene | ND | | ug/kg | 2.0 | 0.12 |
| o-Chlorotoluene | ND | | ug/kg | 2.0 | 0.19 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:30
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-14 Batch: WG1425120-5 | | | | | |
| p-Chlorotoluene | ND | | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 3.0 | 1.0 |
| Hexachlorobutadiene | ND | | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene | ND | | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene | ND | | ug/kg | 1.0 | 0.11 |
| Naphthalene | ND | | ug/kg | 4.0 | 0.65 |
| Acrylonitrile | ND | | ug/kg | 4.0 | 1.2 |
| n-Propylbenzene | ND | | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene | 0.36 | J | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane | ND | | ug/kg | 80 | 35. |
| p-Diethylbenzene | ND | | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene | ND | | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/kg | 2.0 | 0.19 |
| Ethyl ether | ND | | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene | ND | | ug/kg | 5.0 | 1.4 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 2.24 | J | ug/kg |
| Unknown | 2.24 | J | ug/kg |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/20 07:30
Analyst: MV

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-14 Batch: WG1425120-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1425067-3 WG1425067-4 | | | | | | | | |
| Methylene chloride | 88 | | 95 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 89 | | 97 | | 70-130 | 9 | | 30 |
| Chloroform | 100 | | 105 | | 70-130 | 5 | | 30 |
| Carbon tetrachloride | 97 | | 108 | | 70-130 | 11 | | 30 |
| 1,2-Dichloropropane | 89 | | 97 | | 70-130 | 9 | | 30 |
| Dibromochloromethane | 94 | | 98 | | 70-130 | 4 | | 30 |
| 1,1,2-Trichloroethane | 88 | | 91 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 94 | | 105 | | 70-130 | 11 | | 30 |
| Chlorobenzene | 93 | | 102 | | 70-130 | 9 | | 30 |
| Trichlorofluoromethane | 116 | | 125 | | 70-139 | 7 | | 30 |
| 1,2-Dichloroethane | 94 | | 98 | | 70-130 | 4 | | 30 |
| 1,1,1-Trichloroethane | 92 | | 102 | | 70-130 | 10 | | 30 |
| Bromodichloromethane | 88 | | 93 | | 70-130 | 6 | | 30 |
| trans-1,3-Dichloropropene | 91 | | 94 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 93 | | 99 | | 70-130 | 6 | | 30 |
| 1,1-Dichloropropene | 96 | | 107 | | 70-130 | 11 | | 30 |
| Bromoform | 88 | | 90 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 83 | | 85 | | 70-130 | 2 | | 30 |
| Benzene | 93 | | 102 | | 70-130 | 9 | | 30 |
| Toluene | 92 | | 102 | | 70-130 | 10 | | 30 |
| Ethylbenzene | 91 | | 101 | | 70-130 | 10 | | 30 |
| Chloromethane | 77 | | 80 | | 52-130 | 4 | | 30 |
| Bromomethane | **159** | Q | **168** | Q | 57-147 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1425067-3 WG1425067-4 | | | | | | | | |
| Vinyl chloride | 100 | | 110 | | 67-130 | 10 | | 30 |
| Chloroethane | 107 | | 116 | | 50-151 | 8 | | 30 |
| 1,1-Dichloroethene | 88 | | 98 | | 65-135 | 11 | | 30 |
| trans-1,2-Dichloroethene | 93 | | 104 | | 70-130 | 11 | | 30 |
| Trichloroethene | 91 | | 103 | | 70-130 | 12 | | 30 |
| 1,2-Dichlorobenzene | 94 | | 101 | | 70-130 | 7 | | 30 |
| 1,3-Dichlorobenzene | 94 | | 101 | | 70-130 | 7 | | 30 |
| 1,4-Dichlorobenzene | 94 | | 100 | | 70-130 | 6 | | 30 |
| Methyl tert butyl ether | 92 | | 94 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 95 | | 104 | | 70-130 | 9 | | 30 |
| o-Xylene | 94 | | 104 | | 70-130 | 10 | | 30 |
| cis-1,2-Dichloroethene | 94 | | 102 | | 70-130 | 8 | | 30 |
| Dibromomethane | 98 | | 104 | | 70-130 | 6 | | 30 |
| Styrene | 94 | | 102 | | 70-130 | 8 | | 30 |
| Dichlorodifluoromethane | 84 | | 89 | | 30-146 | 6 | | 30 |
| Acetone | 94 | | 87 | | 54-140 | 8 | | 30 |
| Carbon disulfide | 84 | | 93 | | 59-130 | 10 | | 30 |
| 2-Butanone | 82 | | 82 | | 70-130 | 0 | | 30 |
| Vinyl acetate | 82 | | 84 | | 70-130 | 2 | | 30 |
| 4-Methyl-2-pentanone | 78 | | 81 | | 70-130 | 4 | | 30 |
| 1,2,3-Trichloropropane | 88 | | 89 | | 68-130 | 1 | | 30 |
| 2-Hexanone | 70 | | **68** | Q | 70-130 | 3 | | 30 |
| Bromochloromethane | 100 | | 106 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1425067-3 WG1425067-4 | | | | | | | | |
| 2,2-Dichloropropane | 92 | | 101 | | 70-130 | 9 | | 30 |
| 1,2-Dibromoethane | 95 | | 100 | | 70-130 | 5 | | 30 |
| 1,3-Dichloropropane | 94 | | 97 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 94 | | 100 | | 70-130 | 6 | | 30 |
| Bromobenzene | 92 | | 97 | | 70-130 | 5 | | 30 |
| n-Butylbenzene | 91 | | 100 | | 70-130 | 9 | | 30 |
| sec-Butylbenzene | 92 | | 100 | | 70-130 | 8 | | 30 |
| tert-Butylbenzene | 91 | | 100 | | 70-130 | 9 | | 30 |
| o-Chlorotoluene | 89 | | 97 | | 70-130 | 9 | | 30 |
| p-Chlorotoluene | 89 | | 97 | | 70-130 | 9 | | 30 |
| 1,2-Dibromo-3-chloropropane | 89 | | 88 | | 68-130 | 1 | | 30 |
| Hexachlorobutadiene | 88 | | 98 | | 67-130 | 11 | | 30 |
| Isopropylbenzene | 90 | | 99 | | 70-130 | 10 | | 30 |
| p-Isopropyltoluene | 92 | | 101 | | 70-130 | 9 | | 30 |
| Naphthalene | 90 | | 92 | | 70-130 | 2 | | 30 |
| Acrylonitrile | 83 | | 82 | | 70-130 | 1 | | 30 |
| n-Propylbenzene | 89 | | 98 | | 70-130 | 10 | | 30 |
| 1,2,3-Trichlorobenzene | 92 | | 96 | | 70-130 | 4 | | 30 |
| 1,2,4-Trichlorobenzene | 93 | | 98 | | 70-130 | 5 | | 30 |
| 1,3,5-Trimethylbenzene | 91 | | 99 | | 70-130 | 8 | | 30 |
| 1,2,4-Trimethylbenzene | 92 | | 98 | | 70-130 | 6 | | 30 |
| 1,4-Dioxane | 133 | | 109 | | 65-136 | 20 | | 30 |
| p-Diethylbenzene | 92 | | 100 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1425067-3 WG1425067-4 | | | | | | | | |
| p-Ethyltoluene | 91 | | 99 | | 70-130 | 8 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 91 | | 98 | | 70-130 | 7 | | 30 |
| Ethyl ether | 110 | | 109 | | 67-130 | 1 | | 30 |
| trans-1,4-Dichloro-2-butene | 80 | | 77 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 92 | | 70-130 |
| Toluene-d8 | 98 | | 97 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 93 | | 70-130 |
| Dibromofluoromethane | 100 | | 100 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-10 Batch: WG1425075-3 WG1425075-4 | | | | | | | | |
| Methylene chloride | 91 | | 94 | | 70-130 | 3 | | 30 |
| 1,1-Dichloroethane | 99 | | 101 | | 70-130 | 2 | | 30 |
| Chloroform | 102 | | 102 | | 70-130 | 0 | | 30 |
| Carbon tetrachloride | 101 | | 101 | | 70-130 | 0 | | 30 |
| 1,2-Dichloropropane | 101 | | 102 | | 70-130 | 1 | | 30 |
| Dibromochloromethane | 104 | | 106 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 101 | | 101 | | 70-130 | 0 | | 30 |
| Tetrachloroethene | 101 | | 104 | | 70-130 | 3 | | 30 |
| Chlorobenzene | 102 | | 104 | | 70-130 | 2 | | 30 |
| Trichlorofluoromethane | 101 | | 103 | | 70-139 | 2 | | 30 |
| 1,2-Dichloroethane | 100 | | 101 | | 70-130 | 1 | | 30 |
| 1,1,1-Trichloroethane | 102 | | 103 | | 70-130 | 1 | | 30 |
| Bromodichloromethane | 103 | | 101 | | 70-130 | 2 | | 30 |
| trans-1,3-Dichloropropene | 101 | | 102 | | 70-130 | 1 | | 30 |
| cis-1,3-Dichloropropene | 104 | | 103 | | 70-130 | 1 | | 30 |
| 1,1-Dichloropropene | 103 | | 104 | | 70-130 | 1 | | 30 |
| Bromoform | 104 | | 100 | | 70-130 | 4 | | 30 |
| 1,1,2,2-Tetrachloroethane | 104 | | 101 | | 70-130 | 3 | | 30 |
| Benzene | 100 | | 101 | | 70-130 | 1 | | 30 |
| Toluene | 100 | | 102 | | 70-130 | 2 | | 30 |
| Ethylbenzene | 101 | | 102 | | 70-130 | 1 | | 30 |
| Chloromethane | 87 | | 86 | | 52-130 | 1 | | 30 |
| Bromomethane | 98 | | 100 | | 57-147 | 2 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-10 Batch: WG1425075-3 WG1425075-4 | | | | | | | | |
| Vinyl chloride | 97 | | 99 | | 67-130 | 2 | | 30 |
| Chloroethane | 95 | | 98 | | 50-151 | 3 | | 30 |
| 1,1-Dichloroethene | 97 | | 99 | | 65-135 | 2 | | 30 |
| trans-1,2-Dichloroethene | 97 | | 100 | | 70-130 | 3 | | 30 |
| Trichloroethene | 102 | | 104 | | 70-130 | 2 | | 30 |
| 1,2-Dichlorobenzene | 100 | | 101 | | 70-130 | 1 | | 30 |
| 1,3-Dichlorobenzene | 104 | | 104 | | 70-130 | 0 | | 30 |
| 1,4-Dichlorobenzene | 102 | | 103 | | 70-130 | 1 | | 30 |
| Methyl tert butyl ether | 97 | | 98 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 104 | | 104 | | 70-130 | 0 | | 30 |
| o-Xylene | 104 | | 104 | | 70-130 | 0 | | 30 |
| cis-1,2-Dichloroethene | 99 | | 100 | | 70-130 | 1 | | 30 |
| Dibromomethane | 102 | | 101 | | 70-130 | 1 | | 30 |
| Styrene | 105 | | 106 | | 70-130 | 1 | | 30 |
| Dichlorodifluoromethane | 92 | | 93 | | 30-146 | 1 | | 30 |
| Acetone | 93 | | 91 | | 54-140 | 2 | | 30 |
| Carbon disulfide | 89 | | 91 | | 59-130 | 2 | | 30 |
| 2-Butanone | 94 | | 88 | | 70-130 | 7 | | 30 |
| Vinyl acetate | 98 | | 97 | | 70-130 | 1 | | 30 |
| 4-Methyl-2-pentanone | 96 | | 94 | | 70-130 | 2 | | 30 |
| 1,2,3-Trichloropropane | 103 | | 100 | | 68-130 | 3 | | 30 |
| 2-Hexanone | 96 | | 93 | | 70-130 | 3 | | 30 |
| Bromochloromethane | 101 | | 102 | | 70-130 | 1 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-10 Batch: WG1425075-3 WG1425075-4 | | | | | | | | |
| 2,2-Dichloropropane | 104 | | 103 | | 70-130 | 1 | | 30 |
| 1,2-Dibromoethane | 103 | | 103 | | 70-130 | 0 | | 30 |
| 1,3-Dichloropropane | 99 | | 100 | | 69-130 | 1 | | 30 |
| 1,1,1,2-Tetrachloroethane | 105 | | 106 | | 70-130 | 1 | | 30 |
| Bromobenzene | 101 | | 100 | | 70-130 | 1 | | 30 |
| n-Butylbenzene | 104 | | 104 | | 70-130 | 0 | | 30 |
| sec-Butylbenzene | 103 | | 102 | | 70-130 | 1 | | 30 |
| tert-Butylbenzene | 102 | | 101 | | 70-130 | 1 | | 30 |
| o-Chlorotoluene | 104 | | 102 | | 70-130 | 2 | | 30 |
| p-Chlorotoluene | 104 | | 104 | | 70-130 | 0 | | 30 |
| 1,2-Dibromo-3-chloropropane | 100 | | 99 | | 68-130 | 1 | | 30 |
| Hexachlorobutadiene | 97 | | 101 | | 67-130 | 4 | | 30 |
| Isopropylbenzene | 103 | | 102 | | 70-130 | 1 | | 30 |
| p-Isopropyltoluene | 102 | | 103 | | 70-130 | 1 | | 30 |
| Naphthalene | 102 | | 101 | | 70-130 | 1 | | 30 |
| Acrylonitrile | 91 | | 92 | | 70-130 | 1 | | 30 |
| n-Propylbenzene | 105 | | 103 | | 70-130 | 2 | | 30 |
| 1,2,3-Trichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 30 |
| 1,2,4-Trichlorobenzene | 104 | | 103 | | 70-130 | 1 | | 30 |
| 1,3,5-Trimethylbenzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| 1,2,4-Trimethylbenzene | 104 | | 103 | | 70-130 | 1 | | 30 |
| 1,4-Dioxane | 112 | | 108 | | 65-136 | 4 | | 30 |
| p-Diethylbenzene | 104 | | 102 | | 70-130 | 2 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-10 Batch: WG1425075-3 WG1425075-4 | | | | | | | | |
| p-Ethyltoluene | 104 | | 104 | | 70-130 | 0 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 102 | | 102 | | 70-130 | 0 | | 30 |
| Ethyl ether | 97 | | 98 | | 67-130 | 1 | | 30 |
| trans-1,4-Dichloro-2-butene | 102 | | 99 | | 70-130 | 3 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99 | | 96 | | 70-130 |
| Toluene-d8 | 99 | | 100 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 99 | | 70-130 |
| Dibromofluoromethane | 96 | | 95 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-14 Batch: WG1425120-3 WG1425120-4 | | | | | | | | |
| Methylene chloride | 88 | | 95 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 89 | | 97 | | 70-130 | 9 | | 30 |
| Chloroform | 100 | | 105 | | 70-130 | 5 | | 30 |
| Carbon tetrachloride | 97 | | 108 | | 70-130 | 11 | | 30 |
| 1,2-Dichloropropane | 89 | | 97 | | 70-130 | 9 | | 30 |
| Dibromochloromethane | 94 | | 98 | | 70-130 | 4 | | 30 |
| 1,1,2-Trichloroethane | 88 | | 91 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 94 | | 105 | | 70-130 | 11 | | 30 |
| Chlorobenzene | 93 | | 102 | | 70-130 | 9 | | 30 |
| Trichlorofluoromethane | 116 | | 125 | | 70-139 | 7 | | 30 |
| 1,2-Dichloroethane | 94 | | 98 | | 70-130 | 4 | | 30 |
| 1,1,1-Trichloroethane | 92 | | 102 | | 70-130 | 10 | | 30 |
| Bromodichloromethane | 88 | | 93 | | 70-130 | 6 | | 30 |
| trans-1,3-Dichloropropene | 91 | | 94 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 93 | | 99 | | 70-130 | 6 | | 30 |
| 1,1-Dichloropropene | 96 | | 107 | | 70-130 | 11 | | 30 |
| Bromoform | 88 | | 90 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 83 | | 85 | | 70-130 | 2 | | 30 |
| Benzene | 93 | | 102 | | 70-130 | 9 | | 30 |
| Toluene | 92 | | 102 | | 70-130 | 10 | | 30 |
| Ethylbenzene | 91 | | 101 | | 70-130 | 10 | | 30 |
| Chloromethane | 77 | | 80 | | 52-130 | 4 | | 30 |
| Bromomethane | **159** | Q | **168** | Q | 57-147 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-14 Batch: WG1425120-3 WG1425120-4 | | | | | | | | |
| Vinyl chloride | 100 | | 110 | | 67-130 | 10 | | 30 |
| Chloroethane | 107 | | 116 | | 50-151 | 8 | | 30 |
| 1,1-Dichloroethene | 88 | | 98 | | 65-135 | 11 | | 30 |
| trans-1,2-Dichloroethene | 93 | | 104 | | 70-130 | 11 | | 30 |
| Trichloroethene | 91 | | 103 | | 70-130 | 12 | | 30 |
| 1,2-Dichlorobenzene | 94 | | 101 | | 70-130 | 7 | | 30 |
| 1,3-Dichlorobenzene | 94 | | 101 | | 70-130 | 7 | | 30 |
| 1,4-Dichlorobenzene | 94 | | 100 | | 70-130 | 6 | | 30 |
| Methyl tert butyl ether | 92 | | 94 | | 66-130 | 2 | | 30 |
| p/m-Xylene | 95 | | 104 | | 70-130 | 9 | | 30 |
| o-Xylene | 94 | | 104 | | 70-130 | 10 | | 30 |
| cis-1,2-Dichloroethene | 94 | | 102 | | 70-130 | 8 | | 30 |
| Dibromomethane | 98 | | 104 | | 70-130 | 6 | | 30 |
| Styrene | 94 | | 102 | | 70-130 | 8 | | 30 |
| Dichlorodifluoromethane | 84 | | 89 | | 30-146 | 6 | | 30 |
| Acetone | 94 | | 87 | | 54-140 | 8 | | 30 |
| Carbon disulfide | 84 | | 93 | | 59-130 | 10 | | 30 |
| 2-Butanone | 82 | | 82 | | 70-130 | 0 | | 30 |
| Vinyl acetate | 82 | | 84 | | 70-130 | 2 | | 30 |
| 4-Methyl-2-pentanone | 78 | | 81 | | 70-130 | 4 | | 30 |
| 1,2,3-Trichloropropane | 88 | | 89 | | 68-130 | 1 | | 30 |
| 2-Hexanone | 70 | | **68** | Q | 70-130 | 3 | | 30 |
| Bromochloromethane | 100 | | 106 | | 70-130 | 6 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-14 Batch: WG1425120-3 WG1425120-4 | | | | | | | | |
| 2,2-Dichloropropane | 92 | | 101 | | 70-130 | 9 | | 30 |
| 1,2-Dibromoethane | 95 | | 100 | | 70-130 | 5 | | 30 |
| 1,3-Dichloropropane | 94 | | 97 | | 69-130 | 3 | | 30 |
| 1,1,1,2-Tetrachloroethane | 94 | | 100 | | 70-130 | 6 | | 30 |
| Bromobenzene | 92 | | 97 | | 70-130 | 5 | | 30 |
| n-Butylbenzene | 91 | | 100 | | 70-130 | 9 | | 30 |
| sec-Butylbenzene | 92 | | 100 | | 70-130 | 8 | | 30 |
| tert-Butylbenzene | 91 | | 100 | | 70-130 | 9 | | 30 |
| o-Chlorotoluene | 89 | | 97 | | 70-130 | 9 | | 30 |
| p-Chlorotoluene | 89 | | 97 | | 70-130 | 9 | | 30 |
| 1,2-Dibromo-3-chloropropane | 89 | | 88 | | 68-130 | 1 | | 30 |
| Hexachlorobutadiene | 88 | | 98 | | 67-130 | 11 | | 30 |
| Isopropylbenzene | 90 | | 99 | | 70-130 | 10 | | 30 |
| p-Isopropyltoluene | 92 | | 101 | | 70-130 | 9 | | 30 |
| Naphthalene | 90 | | 92 | | 70-130 | 2 | | 30 |
| Acrylonitrile | 83 | | 82 | | 70-130 | 1 | | 30 |
| n-Propylbenzene | 89 | | 98 | | 70-130 | 10 | | 30 |
| 1,2,3-Trichlorobenzene | 92 | | 96 | | 70-130 | 4 | | 30 |
| 1,2,4-Trichlorobenzene | 93 | | 98 | | 70-130 | 5 | | 30 |
| 1,3,5-Trimethylbenzene | 91 | | 99 | | 70-130 | 8 | | 30 |
| 1,2,4-Trimethylbenzene | 92 | | 98 | | 70-130 | 6 | | 30 |
| 1,4-Dioxane | 133 | | 109 | | 65-136 | 20 | | 30 |
| p-Diethylbenzene | 92 | | 100 | | 70-130 | 8 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-14 Batch: WG1425120-3 WG1425120-4 | | | | | | | | |
| p-Ethyltoluene | 91 | | 99 | | 70-130 | 8 | | 30 |
| 1,2,4,5-Tetramethylbenzene | 91 | | 98 | | 70-130 | 7 | | 30 |
| Ethyl ether | 110 | | 109 | | 67-130 | 1 | | 30 |
| trans-1,4-Dichloro-2-butene | 80 | | 77 | | 70-130 | 4 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 92 | | 70-130 |
| Toluene-d8 | 98 | | 97 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 92 | | 70-130 |
| Dibromofluoromethane | 100 | | 100 | | 70-130 |

# SEMIVOLATILES

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 10:54
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 590 | | ug/kg | 140 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 87 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 510 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | 12000 | E | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 26. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 45. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 Date Collected: 10/21/20 09:00

Client ID: SB-11 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | 360 | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | 2000 | | ug/kg | 180 | 17. | 1 |
| Phenanthrene | 4500 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | 440 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 42. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 74. | 1 |
| Dibenzofuran | 680 | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 28000 | E | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 59. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 73. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 860 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 86. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 Date Collected: 10/21/20 09:00

Client ID: SB-11 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Benzoic Acid | ND | | ug/kg | 580 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 55. | 1 |
| Carbazole | ND | | ug/kg | 180 | 17. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 27 | 8.3 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 85500 | J | ug/kg | | | 1 |
| Unknown Benzene | 3630 | J | ug/kg | | | 1 |
| Unknown | 6820 | J | ug/kg | | | 1 |
| Unknown | 4400 | J | ug/kg | | | 1 |
| Unknown Benzene | 3950 | J | ug/kg | | | 1 |
| Unknown | 4370 | J | ug/kg | | | 1 |
| Unknown Alkane | 4940 | J | ug/kg | | | 1 |
| Unknown Benzene | 6660 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 3750 | J | ug/kg | | | 1 |
| Unknown | 6090 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 3790 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 4370 | J | ug/kg | | | 1 |
| Unknown | 4760 | J | ug/kg | | | 1 |
| Unknown | 17900 | J | ug/kg | | | 1 |
| Unknown | 6070 | J | ug/kg | | | 1 |
| Unknown Alkane | 4010 | J | ug/kg | | | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 Date Collected: 10/21/20 09:00

Client ID: SB-11 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 70 | | 25-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 96 | | 23-120 |
| 2-Fluorobiphenyl | 53 | | 30-120 |
| 2,4,6-Tribromophenol | 58 | | 10-136 |
| 4-Terphenyl-d14 | 56 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/23/20 13:45
Analyst: JW
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.478 | 0.022 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.478 | 0.044 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.478 | 0.037 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.478 | 0.050 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.478 | 0.043 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.478 | 0.058 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.478 | 0.040 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.478 | 0.172 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.478 | 0.130 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.478 | 0.072 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.478 | 0.124 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.478 | 0.064 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.478 | 0.274 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.478 | 0.192 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.478 | 0.045 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.478 | 0.146 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.478 | 0.094 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.478 | 0.081 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.478 | 0.067 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.478 | 0.195 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.478 | 0.052 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.478 | 0.040 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 Date Collected: 10/21/20 09:00

Client ID: SB-11 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 88 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 95 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 82 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 75 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 83 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 87 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 89 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 50 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 93 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 92 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 91 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 81 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | **18** | Q | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 115 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 31 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | **37** | Q | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 118 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 111 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 D
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 13:19
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Naphthalene | 14000 | | ug/kg | 1800 | 220 | 10 |
| 2-Methylnaphthalene | 34000 | | ug/kg | 2200 | 220 | 10 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 11:18
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | 960 | | ug/kg | 140 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 33. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | 85 | J | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | 450 | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | 480 | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | 2000 | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | 4000 | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | 340 | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 42. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | 860 | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | 2800 | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 85. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Benzoic Acid | ND | | ug/kg | 590 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 56. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 27 | 8.4 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 69000 | J | ug/kg | | | 1 |
| Unknown | 2990 | J | ug/kg | | | 1 |
| Unknown Alkane | 3170 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 4500 | J | ug/kg | | | 1 |
| Unknown PAH | 3620 | J | ug/kg | | | 1 |
| Unknown | 4160 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 5020 | J | ug/kg | | | 1 |
| Unknown | 3320 | J | ug/kg | | | 1 |
| Unknown Alkane | 3100 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 4080 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 6420 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 7380 | J | ug/kg | | | 1 |
| Unknown PAH | 4940 | J | ug/kg | | | 1 |
| Unknown Alkane | 7130 | J | ug/kg | | | 1 |
| Unknown | 4590 | J | ug/kg | | | 1 |
| Unknown Naphthalene | 4550 | J | ug/kg | | | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

**SAMPLE RESULTS**

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 66 | | 25-120 |
| Phenol-d6 | 65 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 50 | | 30-120 |
| 2,4,6-Tribromophenol | 68 | | 10-136 |
| 4-Terphenyl-d14 | 50 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/23/20 14:18
Analyst: JW
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.505 | 0.023 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.505 | 0.046 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.505 | 0.039 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.505 | 0.053 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.505 | 0.046 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.505 | 0.061 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.505 | 0.042 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.505 | 0.181 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.505 | 0.138 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.505 | 0.076 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.505 | 0.131 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.505 | 0.068 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.505 | 0.290 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.505 | 0.203 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.505 | 0.047 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.505 | 0.154 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.505 | 0.099 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.505 | 0.085 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.505 | 0.071 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.505 | 0.206 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.505 | 0.055 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.505 | 0.042 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 Date Collected: 10/21/20 09:55

Client ID: SB-12 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 111 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 123 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 93 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 95 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 106 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 107 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 111 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 65 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 120 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 110 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 110 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 105 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 110 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 136 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 79 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 112 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 129 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 137 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 11:42
Analyst: WR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 18. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 100 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 17. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 30. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 47. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 35. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 30. | 1 |
| Fluoranthene | ND | | ug/kg | 100 | 20. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 210 | 30. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 190 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 500 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 28. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 21. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 26. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 27. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 61. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 44. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 33. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 60. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 16. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 37. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 100 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 43. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 100 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 100 | 28. | 1 |
| Chrysene | ND | | ug/kg | 100 | 18. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 27. | 1 |
| Anthracene | ND | | ug/kg | 100 | 34. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 17. | 1 |
| Phenanthrene | ND | | ug/kg | 100 | 21. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 100 | 20. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 24. | 1 |
| Pyrene | ND | | ug/kg | 100 | 17. | 1 |
| Biphenyl | ND | | ug/kg | 400 | 41. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 32. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 73. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 210 | 21. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 18. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 100 | 33. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 28. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 58. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 380 | 66. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 240 | 72. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 840 | 82. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 460 | 84. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 39. | 1 |
| Phenol | ND | | ug/kg | 180 | 26. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 27. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 250 | 27. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 34. | 1 |
| Benzoic Acid | ND | | ug/kg | 570 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 54. | 1 |
| Carbazole | ND | | ug/kg | 180 | 17. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 26 | 8.1 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 70 | | 25-120 |
| Phenol-d6 | 69 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 65 | | 30-120 |
| 2,4,6-Tribromophenol | 70 | | 10-136 |
| 4-Terphenyl-d14 | 58 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/23/20 14:52
Analyst: JW
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.513 | 0.023 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.513 | 0.047 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.513 | 0.040 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.513 | 0.054 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.513 | 0.046 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.513 | 0.062 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.513 | 0.043 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.513 | 0.184 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.513 | 0.140 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.513 | 0.077 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.513 | 0.133 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.513 | 0.069 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.513 | 0.295 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.513 | 0.207 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.513 | 0.048 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.513 | 0.157 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.513 | 0.101 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.513 | 0.087 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.513 | 0.072 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.513 | 0.210 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.513 | 0.055 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.513 | 0.043 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 107 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 120 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 92 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 91 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 100 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 111 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 107 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 65 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 112 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 109 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 110 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 96 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 75 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 131 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 85 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 95 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 123 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 137 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 12:06
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 20. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 190 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 190 | 34. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 190 | 33. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 190 | 33. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 51. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 38. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 540 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 31. | 1 |
| Isophorone | ND | | ug/kg | 170 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 28. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 66. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 48. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 36. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 65. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 40. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 46. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 32. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 37. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 190 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 23. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 430 | 44. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 36. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 79. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 36. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 63. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 410 | 72. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 78. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 920 | 89. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 500 | 92. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 42. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 30. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 36. | 1 |
| Benzoic Acid | ND | | ug/kg | 620 | 190 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 190 | 58. | 1 |
| Carbazole | ND | | ug/kg | 190 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 29 | 8.8 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 72 | | 25-120 |
| Phenol-d6 | 70 | | 10-120 |
| Nitrobenzene-d5 | 68 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 30-120 |
| 2,4,6-Tribromophenol | 70 | | 10-136 |
| 4-Terphenyl-d14 | 58 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/23/20 15:08
Analyst: JW
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.511 | 0.023 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.511 | 0.047 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.511 | 0.040 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.511 | 0.054 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.511 | 0.046 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.511 | 0.062 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.511 | 0.043 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.511 | 0.184 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.511 | 0.140 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.511 | 0.077 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.511 | 0.133 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.511 | 0.069 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.511 | 0.294 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.511 | 0.206 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.511 | 0.048 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.511 | 0.156 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.511 | 0.100 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.511 | 0.086 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.511 | 0.072 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.511 | 0.209 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.511 | 0.055 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.511 | 0.043 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 112 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 126 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 99 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 97 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 106 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 97 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 112 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 69 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 118 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 115 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 111 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 98 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 68 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 132 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 89 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 89 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 127 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 134 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 12:30
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 33. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 46 | J | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05 Date Collected: 10/21/20 11:00

Client ID: SB-10 (6') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 43. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 76. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 75. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05 Date Collected: 10/21/20 11:00

Client ID: SB-10 (6') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Benzoic Acid | ND | | ug/kg | 600 | 190 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 56. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 28 | 8.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 67 | | 25-120 |
| Phenol-d6 | 66 | | 10-120 |
| Nitrobenzene-d5 | 68 | | 23-120 |
| 2-Fluorobiphenyl | 67 | | 30-120 |
| 2,4,6-Tribromophenol | 63 | | 10-136 |
| 4-Terphenyl-d14 | 56 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 11:24
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 08:52

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 200 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 19. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 200 | 35. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 200 | 34. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 200 | 34. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | ND | | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 68. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 66. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06 Date Collected: 10/21/20 11:40

Client ID: SB-9 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 41. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 48. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | ND | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | ND | | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 45. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 81. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 80. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 940 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 510 | 94. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 31. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06 Date Collected: 10/21/20 11:40

Client ID: SB-9 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 37. | 1 |
| Benzoic Acid | ND | | ug/kg | 630 | 200 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 200 | 60. | 1 |
| Carbazole | ND | | ug/kg | 200 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 29 | 9.0 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 56 | | 25-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 54 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 30-120 |
| 2,4,6-Tribromophenol | 73 | | 10-136 |
| 4-Terphenyl-d14 | 65 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07
Client ID: SB-9 (14')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 12:54
Analyst: WR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 18. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 170 | 19. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 100 | 19. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 23. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 170 | 17. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 170 | 30. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 170 | 29. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 170 | 30. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 170 | 45. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 170 | 34. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 170 | 29. | 1 |
| Fluoranthene | ND | | ug/kg | 100 | 20. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 170 | 18. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 170 | 26. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 29. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 17. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 170 | 25. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 480 | 150 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 27. | 1 |
| Isophorone | ND | | ug/kg | 150 | 22. | 1 |
| Naphthalene | ND | | ug/kg | 170 | 21. | 1 |
| Nitrobenzene | ND | | ug/kg | 150 | 25. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 19. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 170 | 26. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 170 | 59. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 170 | 43. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 170 | 32. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 170 | 58. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50

Client ID: SB-9 (14') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 170 | 16. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 170 | 36. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 100 | 19. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 41. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 100 | 29. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 100 | 27. | 1 |
| Chrysene | ND | | ug/kg | 100 | 18. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 26. | 1 |
| Anthracene | ND | | ug/kg | 100 | 33. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 20. | 1 |
| Fluorene | ND | | ug/kg | 170 | 16. | 1 |
| Phenanthrene | ND | | ug/kg | 100 | 21. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 100 | 20. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 24. | 1 |
| Pyrene | ND | | ug/kg | 100 | 17. | 1 |
| Biphenyl | ND | | ug/kg | 390 | 39. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 170 | 31. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 170 | 33. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 170 | 32. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 170 | 70. | 1 |
| Dibenzofuran | ND | | ug/kg | 170 | 16. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 170 | 18. | 1 |
| Acetophenone | ND | | ug/kg | 170 | 21. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 100 | 32. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 170 | 20. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 170 | 56. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 370 | 64. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 240 | 69. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 820 | 79. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 440 | 82. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 37. | 1 |
| Phenol | ND | | ug/kg | 170 | 26. | 1 |
| 2-Methylphenol | ND | | ug/kg | 170 | 26. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 27. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50

Client ID: SB-9 (14') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 170 | 32. | 1 |
| Benzoic Acid | ND | | ug/kg | 550 | 170 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 170 | 52. | 1 |
| Carbazole | ND | | ug/kg | 170 | 16. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 25 | 7.8 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 76 | | 25-120 |
| Phenol-d6 | 73 | | 10-120 |
| Nitrobenzene-d5 | 70 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 30-120 |
| 2,4,6-Tribromophenol | 69 | | 10-136 |
| 4-Terphenyl-d14 | 68 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 12:36
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 18. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 170 | 20. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 100 | 19. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 23. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 170 | 17. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 170 | 31. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 170 | 29. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 170 | 30. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 170 | 46. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 170 | 34. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 170 | 29. | 1 |
| Fluoranthene | ND | | ug/kg | 100 | 20. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 170 | 18. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 170 | 26. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 29. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 17. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 170 | 25. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 490 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 28. | 1 |
| Isophorone | ND | | ug/kg | 150 | 22. | 1 |
| Naphthalene | ND | | ug/kg | 170 | 21. | 1 |
| Nitrobenzene | ND | | ug/kg | 150 | 25. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 170 | 26. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 170 | 59. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 170 | 43. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 170 | 32. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 170 | 58. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08 Date Collected: 10/21/20 12:15

Client ID: SB-8 (9') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 170 | 16. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 170 | 36. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 100 | 19. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 42. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 100 | 29. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 100 | 27. | 1 |
| Chrysene | ND | | ug/kg | 100 | 18. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 26. | 1 |
| Anthracene | ND | | ug/kg | 100 | 33. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 20. | 1 |
| Fluorene | ND | | ug/kg | 170 | 17. | 1 |
| Phenanthrene | ND | | ug/kg | 100 | 21. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 100 | 20. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 24. | 1 |
| Pyrene | ND | | ug/kg | 100 | 17. | 1 |
| Biphenyl | ND | | ug/kg | 390 | 40. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 170 | 31. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 170 | 33. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 170 | 32. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 170 | 71. | 1 |
| Dibenzofuran | ND | | ug/kg | 170 | 16. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 21. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 170 | 18. | 1 |
| Acetophenone | ND | | ug/kg | 170 | 21. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 100 | 32. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 170 | 26. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 170 | 20. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 28. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 170 | 56. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 370 | 64. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 240 | 70. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 820 | 80. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 440 | 82. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 38. | 1 |
| Phenol | ND | | ug/kg | 170 | 26. | 1 |
| 2-Methylphenol | ND | | ug/kg | 170 | 26. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 250 | 27. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08 Date Collected: 10/21/20 12:15

Client ID: SB-8 (9') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 170 | 33. | 1 |
| Benzoic Acid | ND | | ug/kg | 560 | 170 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 170 | 52. | 1 |
| Carbazole | ND | | ug/kg | 170 | 17. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 26 | 7.9 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 63 | | 25-120 |
| Phenol-d6 | 63 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 23-120 |
| 2-Fluorobiphenyl | 67 | | 30-120 |
| 2,4,6-Tribromophenol | 85 | | 10-136 |
| 4-Terphenyl-d14 | 68 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09
Client ID: SB-8 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:25
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 13:00
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 190 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 190 | 35. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 190 | 33. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 190 | 34. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | ND | | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 31. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 67. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 66. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25

Client ID: SB-8 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 41. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 47. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | ND | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | ND | | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 45. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 38. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 80. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 79. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 930 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 500 | 93. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25

Client ID: SB-8 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 37. | 1 |
| Benzoic Acid | ND | | ug/kg | 630 | 200 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 190 | 60. | 1 |
| Carbazole | ND | | ug/kg | 190 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 29 | 9.0 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 67 | | 25-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 65 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 84 | | 10-136 |
| 4-Terphenyl-d14 | 67 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10
Client ID: SB-7 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 11:48
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 150 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 21. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 170 | 25. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 33. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 49. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 37. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 32. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 20. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 32. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 27. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 530 | 170 | 1 |
| Hexachloroethane | ND | | ug/kg | 150 | 30. | 1 |
| Isophorone | ND | | ug/kg | 170 | 24. | 1 |
| Naphthalene | 33 | J | ug/kg | 180 | 23. | 1 |
| Nitrobenzene | ND | | ug/kg | 170 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 150 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 29. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 64. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 47. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 35. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 63. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00

Client ID: SB-7 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 39. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 150 | 45. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 31. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 150 | 29. | 1 |
| Anthracene | ND | | ug/kg | 110 | 36. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 150 | 22. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 150 | 26. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 420 | 43. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 36. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 77. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 18. | 1 |
| 2-Methylnaphthalene | 27 | J | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 23. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 35. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 22. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 170 | 30. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 61. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 400 | 70. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 260 | 76. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 890 | 86. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 480 | 89. | 1 |
| Pentachlorophenol | ND | | ug/kg | 150 | 41. | 1 |
| Phenol | ND | | ug/kg | 180 | 28. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 29. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 270 | 29. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00

Client ID: SB-7 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 36. | 1 |
| Benzoic Acid | ND | | ug/kg | 600 | 190 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 57. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 28 | 8.5 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 66 | | 25-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 30-120 |
| 2,4,6-Tribromophenol | 89 | | 10-136 |
| 4-Terphenyl-d14 | 62 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 12:12
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 21. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 200 | 23. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 200 | 20. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 200 | 36. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 200 | 34. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 200 | 35. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 200 | 53. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 200 | 40. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 200 | 34. | 1 |
| Fluoranthene | ND | | ug/kg | 120 | 23. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 200 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 200 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 240 | 34. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 220 | 20. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 200 | 29. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 570 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 32. | 1 |
| Isophorone | ND | | ug/kg | 180 | 26. | 1 |
| Naphthalene | ND | | ug/kg | 200 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 30. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 23. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 200 | 31. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 200 | 69. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 200 | 50. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 200 | 38. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 200 | 68. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11 Date Collected: 10/21/20 13:10

Client ID: SB-7 (10') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 200 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 200 | 42. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 49. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 34. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 32. | 1 |
| Chrysene | ND | | ug/kg | 120 | 21. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 31. | 1 |
| Anthracene | ND | | ug/kg | 120 | 39. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 160 | 24. | 1 |
| Fluorene | ND | | ug/kg | 200 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 23. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 28. | 1 |
| Pyrene | ND | | ug/kg | 120 | 20. | 1 |
| Biphenyl | ND | | ug/kg | 460 | 46. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 200 | 36. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 200 | 39. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 200 | 38. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 200 | 83. | 1 |
| Dibenzofuran | ND | | ug/kg | 200 | 19. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 240 | 24. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 200 | 21. | 1 |
| Acetophenone | ND | | ug/kg | 200 | 25. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 38. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 200 | 24. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 32. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 200 | 66. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 430 | 75. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 280 | 82. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 960 | 93. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 520 | 96. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 44. | 1 |
| Phenol | ND | | ug/kg | 200 | 30. | 1 |
| 2-Methylphenol | ND | | ug/kg | 200 | 31. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 290 | 31. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11 Date Collected: 10/21/20 13:10

Client ID: SB-7 (10') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 200 | 38. | 1 |
| Benzoic Acid | ND | | ug/kg | 650 | 200 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 200 | 61. | 1 |
| Carbazole | ND | | ug/kg | 200 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 30 | 9.2 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 73 | | 25-120 |
| Phenol-d6 | 72 | | 10-120 |
| Nitrobenzene-d5 | 56 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 30-120 |
| 2,4,6-Tribromophenol | 87 | | 10-136 |
| 4-Terphenyl-d14 | 78 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 10:12
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 160 | 20. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 190 | 22. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 120 | 22. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 180 | 26. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 190 | 19. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 190 | 35. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 190 | 33. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 190 | 34. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 190 | 52. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 190 | 39. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 190 | 33. | 1 |
| Fluoranthene | ND | | ug/kg | 120 | 22. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 190 | 21. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 230 | 33. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 210 | 19. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 190 | 28. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 560 | 180 | 1 |
| Hexachloroethane | ND | | ug/kg | 160 | 31. | 1 |
| Isophorone | ND | | ug/kg | 180 | 25. | 1 |
| Naphthalene | ND | | ug/kg | 190 | 24. | 1 |
| Nitrobenzene | ND | | ug/kg | 180 | 29. | 1 |
| NDPA/DPA | ND | | ug/kg | 160 | 22. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 190 | 30. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 190 | 67. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 190 | 49. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 190 | 37. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 190 | 66. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12 Date Collected: 10/21/20 13:20

Client ID: SB-6 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 190 | 18. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 190 | 41. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 160 | 47. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 120 | 33. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 120 | 31. | 1 |
| Chrysene | ND | | ug/kg | 120 | 20. | 1 |
| Acenaphthylene | ND | | ug/kg | 160 | 30. | 1 |
| Anthracene | ND | | ug/kg | 120 | 38. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 160 | 23. | 1 |
| Fluorene | ND | | ug/kg | 190 | 19. | 1 |
| Phenanthrene | ND | | ug/kg | 120 | 24. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 120 | 22. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 160 | 27. | 1 |
| Pyrene | ND | | ug/kg | 120 | 19. | 1 |
| Biphenyl | ND | | ug/kg | 440 | 45. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 190 | 35. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 190 | 37. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 190 | 80. | 1 |
| Dibenzofuran | ND | | ug/kg | 190 | 18. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 230 | 23. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 190 | 20. | 1 |
| Acetophenone | ND | | ug/kg | 190 | 24. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 120 | 37. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 190 | 23. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 180 | 31. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 190 | 64. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 420 | 73. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 270 | 79. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 930 | 91. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 500 | 93. | 1 |
| Pentachlorophenol | ND | | ug/kg | 160 | 43. | 1 |
| Phenol | ND | | ug/kg | 190 | 29. | 1 |
| 2-Methylphenol | ND | | ug/kg | 190 | 30. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 280 | 30. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12 Date Collected: 10/21/20 13:20

Client ID: SB-6 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 190 | 37. | 1 |
| Benzoic Acid | ND | | ug/kg | 630 | 200 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 190 | 60. | 1 |
| Carbazole | ND | | ug/kg | 190 | 19. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 29 | 8.9 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 206 | J | ug/kg | | | 1 |
| Unknown Amide | 206 | J | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 56 | | 25-120 |
| Phenol-d6 | 60 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 72 | | 10-136 |
| 4-Terphenyl-d14 | 61 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 10:36
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 24. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 21. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 63. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 62. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 Date Collected: 10/21/20 14:40

Client ID: SB-5 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 42. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 Date Collected: 10/21/20 14:40

Client ID: SB-5 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Benzoic Acid | ND | | ug/kg | 590 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 55. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 27 | 8.3 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 285 | J | ug/kg | | | 1 |
| Unknown Amide | 285 | J | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 64 | | 25-120 |
| Phenol-d6 | 66 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 30-120 |
| 2,4,6-Tribromophenol | 83 | | 10-136 |
| 4-Terphenyl-d14 | 66 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 RE
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/29/20 10:10
Analyst: JW
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 10/28/20 18:15

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 2.09 | 0.095 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 2.09 | 0.192 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 2.09 | 0.163 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 2.09 | 0.220 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 2.09 | 0.189 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 2.09 | 0.253 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 2.09 | 0.175 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 2.09 | 0.751 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 2.09 | 0.571 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 2.09 | 0.314 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 2.09 | 0.544 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 2.09 | 0.280 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 2.09 | 1.20 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 2.09 | 0.843 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 2.09 | 0.196 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 2.09 | 0.640 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 2.09 | 0.410 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 2.09 | 0.354 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 2.09 | 0.293 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 2.09 | 0.856 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 2.09 | 0.226 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 2.09 | 0.175 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 RE
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 78 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 78 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 85 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 72 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 75 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 89 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 78 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 69 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 73 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 90 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 79 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 87 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | **10** | Q | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 82 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 69 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | **16** | Q | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 77 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 61 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/22/20 11:00
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/kg | 140 | 19. | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 180 | 21. | 1 |
| Hexachlorobenzene | ND | | ug/kg | 110 | 20. | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 160 | 24. | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 180 | 18. | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 180 | 31. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 180 | 32. | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 180 | 48. | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 180 | 36. | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 180 | 31. | 1 |
| Fluoranthene | ND | | ug/kg | 110 | 21. | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 180 | 19. | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 220 | 31. | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 200 | 18. | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 180 | 26. | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 520 | 160 | 1 |
| Hexachloroethane | ND | | ug/kg | 140 | 29. | 1 |
| Isophorone | ND | | ug/kg | 160 | 23. | 1 |
| Naphthalene | ND | | ug/kg | 180 | 22. | 1 |
| Nitrobenzene | ND | | ug/kg | 160 | 27. | 1 |
| NDPA/DPA | ND | | ug/kg | 140 | 20. | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 180 | 28. | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 180 | 62. | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 180 | 46. | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 180 | 34. | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 180 | 61. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 180 | 17. | 1 |
| Dimethyl phthalate | ND | | ug/kg | 180 | 38. | 1 |
| Benzo(a)anthracene | ND | | ug/kg | 110 | 20. | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 140 | 44. | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 110 | 30. | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 110 | 29. | 1 |
| Chrysene | ND | | ug/kg | 110 | 19. | 1 |
| Acenaphthylene | ND | | ug/kg | 140 | 28. | 1 |
| Anthracene | ND | | ug/kg | 110 | 35. | 1 |
| Benzo(ghi)perylene | ND | | ug/kg | 140 | 21. | 1 |
| Fluorene | ND | | ug/kg | 180 | 18. | 1 |
| Phenanthrene | ND | | ug/kg | 110 | 22. | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 110 | 21. | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 140 | 25. | 1 |
| Pyrene | ND | | ug/kg | 110 | 18. | 1 |
| Biphenyl | ND | | ug/kg | 410 | 42. | 1 |
| 4-Chloroaniline | ND | | ug/kg | 180 | 33. | 1 |
| 2-Nitroaniline | ND | | ug/kg | 180 | 35. | 1 |
| 3-Nitroaniline | ND | | ug/kg | 180 | 34. | 1 |
| 4-Nitroaniline | ND | | ug/kg | 180 | 75. | 1 |
| Dibenzofuran | ND | | ug/kg | 180 | 17. | 1 |
| 2-Methylnaphthalene | ND | | ug/kg | 220 | 22. | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 180 | 19. | 1 |
| Acetophenone | ND | | ug/kg | 180 | 22. | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 110 | 34. | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Chlorophenol | ND | | ug/kg | 180 | 21. | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 160 | 29. | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 180 | 60. | 1 |
| 2-Nitrophenol | ND | | ug/kg | 390 | 68. | 1 |
| 4-Nitrophenol | ND | | ug/kg | 250 | 74. | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 870 | 84. | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 470 | 87. | 1 |
| Pentachlorophenol | ND | | ug/kg | 140 | 40. | 1 |
| Phenol | ND | | ug/kg | 180 | 27. | 1 |
| 2-Methylphenol | ND | | ug/kg | 180 | 28. | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 260 | 28. | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 180 | 35. | 1 |
| Benzoic Acid | ND | | ug/kg | 580 | 180 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 180 | 55. | 1 |
| Carbazole | ND | | ug/kg | 180 | 18. | 1 |
| 1,4-Dioxane | ND | | ug/kg | 27 | 8.3 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 55 | | 25-120 |
| Phenol-d6 | 56 | | 10-120 |
| Nitrobenzene-d5 | 51 | | 23-120 |
| 2-Fluorobiphenyl | 60 | | 30-120 |
| 2,4,6-Tribromophenol | 69 | | 10-136 |
| 4-Terphenyl-d14 | 62 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/23/20 15:41
Analyst: JW
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.497 | 0.023 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.497 | 0.046 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.497 | 0.039 | 1 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.497 | 0.052 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.497 | 0.045 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.497 | 0.060 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.497 | 0.042 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.497 | 0.178 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.497 | 0.136 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.497 | 0.075 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.497 | 0.129 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.497 | 0.067 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.497 | 0.285 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.497 | 0.200 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.497 | 0.047 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.497 | 0.152 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.497 | 0.084 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.497 | 0.070 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.497 | 0.203 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.497 | 0.054 | 1 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.497 | 0.042 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 101 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 112 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 89 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 83 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 92 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 115 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 100 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 63 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 108 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 107 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 102 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 90 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | **33** | Q | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 124 | | 64-158 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 54 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 119 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 122 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/28/20 02:50
Analyst: PB
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.497 | 0.097 | 1 |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 87 | | 1-125 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/22/20 09:42
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1424939-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 160 | 19. |
| Hexachlorobenzene | ND | | ug/kg | 99 | 18. |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 150 | 22. |
| 2-Chloronaphthalene | ND | | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene | ND | | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene | ND | | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene | ND | | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene | ND | | ug/kg | 160 | 28. |
| Fluoranthene | ND | | ug/kg | 99 | 19. |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 180 | 17. |
| Hexachlorobutadiene | ND | | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene | ND | | ug/kg | 470 | 150 |
| Hexachloroethane | ND | | ug/kg | 130 | 27. |
| Isophorone | ND | | ug/kg | 150 | 22. |
| Naphthalene | ND | | ug/kg | 160 | 20. |
| Nitrobenzene | ND | | ug/kg | 150 | 24. |
| NDPA/DPA | ND | | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 160 | 57. |
| Butyl benzyl phthalate | ND | | ug/kg | 160 | 42. |
| Di-n-butylphthalate | ND | | ug/kg | 160 | 31. |
| Di-n-octylphthalate | ND | | ug/kg | 160 | 56. |
| Diethyl phthalate | ND | | ug/kg | 160 | 15. |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/22/20 09:42
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1424939-1 | | | | | |
| Dimethyl phthalate | ND | | ug/kg | 160 | 35. |
| Benzo(a)anthracene | ND | | ug/kg | 99 | 19. |
| Benzo(a)pyrene | ND | | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene | ND | | ug/kg | 99 | 28. |
| Benzo(k)fluoranthene | ND | | ug/kg | 99 | 26. |
| Chrysene | ND | | ug/kg | 99 | 17. |
| Acenaphthylene | ND | | ug/kg | 130 | 26. |
| Anthracene | ND | | ug/kg | 99 | 32. |
| Benzo(ghi)perylene | ND | | ug/kg | 130 | 19. |
| Fluorene | ND | | ug/kg | 160 | 16. |
| Phenanthrene | ND | | ug/kg | 99 | 20. |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 99 | 19. |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 130 | 23. |
| Pyrene | ND | | ug/kg | 99 | 16. |
| Biphenyl | ND | | ug/kg | 380 | 38. |
| 4-Chloroaniline | ND | | ug/kg | 160 | 30. |
| 2-Nitroaniline | ND | | ug/kg | 160 | 32. |
| 3-Nitroaniline | ND | | ug/kg | 160 | 31. |
| 4-Nitroaniline | ND | | ug/kg | 160 | 69. |
| Dibenzofuran | ND | | ug/kg | 160 | 16. |
| 2-Methylnaphthalene | ND | | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 160 | 17. |
| Acetophenone | ND | | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 99 | 31. |
| p-Chloro-m-cresol | ND | | ug/kg | 160 | 25. |
| 2-Chlorophenol | ND | | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol | ND | | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol | ND | | ug/kg | 160 | 55. |
| 2-Nitrophenol | ND | | ug/kg | 360 | 62. |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/22/20 09:42
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/22/20 02:29

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1424939-1 | | | | | |
| 4-Nitrophenol | ND | | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol | ND | | ug/kg | 800 | 77. |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 430 | 80. |
| Pentachlorophenol | ND | | ug/kg | 130 | 36. |
| Phenol | ND | | ug/kg | 160 | 25. |
| 2-Methylphenol | ND | | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 160 | 32. |
| Benzoic Acid | ND | | ug/kg | 540 | 170 |
| Benzyl Alcohol | ND | | ug/kg | 160 | 51. |
| Carbazole | ND | | ug/kg | 160 | 16. |
| 1,4-Dioxane | ND | | ug/kg | 25 | 7.6 |
| Tentatively Identified Compounds | | | | | |
| No Tentatively Identified Compounds | ND | | ug/kg | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 66 | | 25-120 |
| Phenol-d6 | 64 | | 10-120 |
| Nitrobenzene-d5 | 61 | | 23-120 |
| 2-Fluorobiphenyl | 63 | | 30-120 |
| 2,4,6-Tribromophenol | 62 | | 10-136 |
| 4-Terphenyl-d14 | 69 | | 18-120 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/22/20 17:12
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,14 Batch: WG1425046-1 | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.500 | 0.023 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.500 | 0.046 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.500 | 0.039 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.500 | 0.053 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.500 | 0.045 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.500 | 0.061 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.500 | 0.042 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.500 | 0.180 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.500 | 0.136 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.500 | 0.075 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.500 | 0.130 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.500 | 0.067 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.500 | 0.287 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.500 | 0.202 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.500 | 0.047 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.500 | 0.153 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.500 | 0.098 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.500 | 0.085 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.500 | 0.070 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.500 | 0.204 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.500 | 0.054 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.500 | 0.042 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/22/20 17:12
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,14 Batch: WG1425046-1 | | | | | |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 113 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 126 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 96 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 94 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 104 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 109 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 113 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 66 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 116 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 111 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 110 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 101 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 87 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 137 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 2 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 101 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 132 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 132 | | 26-160 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/26/20 14:11
Analyst: PB

Extraction Method: ALPHA 23528
Extraction Date: 10/22/20 08:58

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,14 Batch: WG1425046-1 | | | | | |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.500 | 0.098 |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 115 | | 1-125 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/29/20 09:20
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/28/20 18:15

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 13 Batch: WG1427718-1 | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ug/kg | 0.500 | 0.023 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ug/kg | 0.500 | 0.046 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ug/kg | 0.500 | 0.039 |
| Perfluorohexanoic Acid (PFHxA) | ND | | ug/kg | 0.500 | 0.053 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ug/kg | 0.500 | 0.045 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ug/kg | 0.500 | 0.061 |
| Perfluorooctanoic Acid (PFOA) | ND | | ug/kg | 0.500 | 0.042 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ug/kg | 0.500 | 0.180 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ug/kg | 0.500 | 0.136 |
| Perfluorononanoic Acid (PFNA) | ND | | ug/kg | 0.500 | 0.075 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ug/kg | 0.500 | 0.130 |
| Perfluorodecanoic Acid (PFDA) | ND | | ug/kg | 0.500 | 0.067 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ug/kg | 0.500 | 0.287 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ug/kg | 0.500 | 0.202 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ug/kg | 0.500 | 0.047 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ug/kg | 0.500 | 0.153 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ug/kg | 0.500 | 0.098 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ug/kg | 0.500 | 0.085 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ug/kg | 0.500 | 0.070 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ug/kg | 0.500 | 0.204 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ug/kg | 0.500 | 0.054 |
| PFOA/PFOS, Total | ND | | ug/kg | 0.500 | 0.042 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/29/20 09:20
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 10/28/20 18:15

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 13 Batch: WG1427718-1 | | | | | |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 85 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 90 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 88 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 78 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 81 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 92 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 83 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 79 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 76 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 88 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 83 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 96 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 69 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 85 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 19 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 77 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 80 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 67 | | 26-160 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1424939-2 WG1424939-3 | | | | | | | | |
| Acenaphthene | 72 | | 66 | | 31-137 | 9 | | 50 |
| 1,2,4-Trichlorobenzene | 66 | | 60 | | 38-107 | 10 | | 50 |
| Hexachlorobenzene | 62 | | 58 | | 40-140 | 7 | | 50 |
| Bis(2-chloroethyl)ether | 64 | | 58 | | 40-140 | 10 | | 50 |
| 2-Chloronaphthalene | 66 | | 61 | | 40-140 | 8 | | 50 |
| 1,2-Dichlorobenzene | 64 | | 59 | | 40-140 | 8 | | 50 |
| 1,3-Dichlorobenzene | 64 | | 58 | | 40-140 | 10 | | 50 |
| 1,4-Dichlorobenzene | 62 | | 58 | | 28-104 | 7 | | 50 |
| 3,3'-Dichlorobenzidine | 79 | | 73 | | 40-140 | 8 | | 50 |
| 2,4-Dinitrotoluene | 71 | | 66 | | 40-132 | 7 | | 50 |
| 2,6-Dinitrotoluene | 70 | | 65 | | 40-140 | 7 | | 50 |
| Fluoranthene | 67 | | 63 | | 40-140 | 6 | | 50 |
| 4-Chlorophenyl phenyl ether | 66 | | 61 | | 40-140 | 8 | | 50 |
| 4-Bromophenyl phenyl ether | 64 | | 61 | | 40-140 | 5 | | 50 |
| Bis(2-chloroisopropyl)ether | 54 | | 49 | | 40-140 | 10 | | 50 |
| Bis(2-chloroethoxy)methane | 68 | | 61 | | 40-117 | 11 | | 50 |
| Hexachlorobutadiene | 58 | | 55 | | 40-140 | 5 | | 50 |
| Hexachlorocyclopentadiene | 58 | | 54 | | 40-140 | 7 | | 50 |
| Hexachloroethane | 61 | | 57 | | 40-140 | 7 | | 50 |
| Isophorone | 66 | | 60 | | 40-140 | 10 | | 50 |
| Naphthalene | 63 | | 59 | | 40-140 | 7 | | 50 |
| Nitrobenzene | 64 | | 58 | | 40-140 | 10 | | 50 |
| NDPA/DPA | 67 | | 61 | | 36-157 | 9 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1424939-2 WG1424939-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 65 | | 59 | | 32-121 | 10 | | 50 |
| Bis(2-ethylhexyl)phthalate | 81 | | 78 | | 40-140 | 4 | | 50 |
| Butyl benzyl phthalate | 75 | | 71 | | 40-140 | 5 | | 50 |
| Di-n-butylphthalate | 74 | | 71 | | 40-140 | 4 | | 50 |
| Di-n-octylphthalate | 82 | | 76 | | 40-140 | 8 | | 50 |
| Diethyl phthalate | 67 | | 63 | | 40-140 | 6 | | 50 |
| Dimethyl phthalate | 68 | | 63 | | 40-140 | 8 | | 50 |
| Benzo(a)anthracene | 72 | | 68 | | 40-140 | 6 | | 50 |
| Benzo(a)pyrene | 73 | | 68 | | 40-140 | 7 | | 50 |
| Benzo(b)fluoranthene | 75 | | 69 | | 40-140 | 8 | | 50 |
| Benzo(k)fluoranthene | 69 | | 66 | | 40-140 | 4 | | 50 |
| Chrysene | 70 | | 66 | | 40-140 | 6 | | 50 |
| Acenaphthylene | 72 | | 66 | | 40-140 | 9 | | 50 |
| Anthracene | 70 | | 67 | | 40-140 | 4 | | 50 |
| Benzo(ghi)perylene | 74 | | 71 | | 40-140 | 4 | | 50 |
| Fluorene | 67 | | 62 | | 40-140 | 8 | | 50 |
| Phenanthrene | 68 | | 65 | | 40-140 | 5 | | 50 |
| Dibenzo(a,h)anthracene | 74 | | 70 | | 40-140 | 6 | | 50 |
| Indeno(1,2,3-cd)pyrene | 76 | | 72 | | 40-140 | 5 | | 50 |
| Pyrene | 66 | | 64 | | 35-142 | 3 | | 50 |
| Biphenyl | 72 | | 66 | | 37-127 | 9 | | 50 |
| 4-Chloroaniline | 60 | | 55 | | 40-140 | 9 | | 50 |
| 2-Nitroaniline | 73 | | 67 | | 47-134 | 9 | | 50 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1424939-2 WG1424939-3 | | | | | | | | |
| 3-Nitroaniline | 68 | | 65 | | 26-129 | 5 | | 50 |
| 4-Nitroaniline | 73 | | 67 | | 41-125 | 9 | | 50 |
| Dibenzofuran | 68 | | 63 | | 40-140 | 8 | | 50 |
| 2-Methylnaphthalene | 68 | | 64 | | 40-140 | 6 | | 50 |
| 1,2,4,5-Tetrachlorobenzene | 62 | | 58 | | 40-117 | 7 | | 50 |
| Acetophenone | 71 | | 65 | | 14-144 | 9 | | 50 |
| 2,4,6-Trichlorophenol | 66 | | 63 | | 30-130 | 5 | | 50 |
| p-Chloro-m-cresol | 68 | | 62 | | 26-103 | 9 | | 50 |
| 2-Chlorophenol | 70 | | 64 | | 25-102 | 9 | | 50 |
| 2,4-Dichlorophenol | 75 | | 68 | | 30-130 | 10 | | 50 |
| 2,4-Dimethylphenol | 75 | | 70 | | 30-130 | 7 | | 50 |
| 2-Nitrophenol | 72 | | 66 | | 30-130 | 9 | | 50 |
| 4-Nitrophenol | 65 | | 61 | | 11-114 | 6 | | 50 |
| 2,4-Dinitrophenol | 50 | | 48 | | 4-130 | 4 | | 50 |
| 4,6-Dinitro-o-cresol | 59 | | 55 | | 10-130 | 7 | | 50 |
| Pentachlorophenol | 60 | | 54 | | 17-109 | 11 | | 50 |
| Phenol | 64 | | 59 | | 26-90 | 8 | | 50 |
| 2-Methylphenol | 69 | | 63 | | 30-130. | 9 | | 50 |
| 3-Methylphenol/4-Methylphenol | 70 | | 64 | | 30-130 | 9 | | 50 |
| 2,4,5-Trichlorophenol | 68 | | 62 | | 30-130 | 9 | | 50 |
| Benzoic Acid | 37 | | 40 | | 10-110 | 8 | | 50 |
| Benzyl Alcohol | 70 | | 65 | | 40-140 | 7 | | 50 |
| Carbazole | 72 | | 70 | | 54-128 | 3 | | 50 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1424939-2 WG1424939-3 | | | | | | | | |
| 1,4-Dioxane | 42 | | **38** | Q | 40-140 | 10 | | 50 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 78 | | 72 | | 25-120 |
| Phenol-d6 | 77 | | 69 | | 10-120 |
| Nitrobenzene-d5 | 72 | | 66 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 68 | | 30-120 |
| 2,4,6-Tribromophenol | 74 | | 71 | | 10-136 |
| 4-Terphenyl-d14 | 76 | | 72 | | 18-120 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 Batch: WG1425046-2 WG1425046-3 | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 104 | | 101 | | 71-135 | 3 | | 30 |
| Perfluoropentanoic Acid (PFPeA) | 104 | | 102 | | 69-132 | 2 | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | 100 | | 98 | | 72-128 | 2 | | 30 |
| Perfluorohexanoic Acid (PFHxA) | 107 | | 106 | | 70-132 | 1 | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | 104 | | 102 | | 71-131 | 2 | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | 81 | | 77 | | 67-130 | 5 | | 30 |
| Perfluorooctanoic Acid (PFOA) | 106 | | 107 | | 69-133 | 1 | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | 109 | | 112 | | 64-140 | 3 | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | 92 | | 94 | | 70-132 | 2 | | 30 |
| Perfluorononanoic Acid (PFNA) | 106 | | 103 | | 72-129 | 3 | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | 101 | | 98 | | 68-136 | 3 | | 30 |
| Perfluorodecanoic Acid (PFDA) | 112 | | 107 | | 69-133 | 5 | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | 121 | | 104 | | 65-137 | 15 | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | 91 | | 108 | | 63-144 | 17 | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | 100 | | 100 | | 64-136 | 0 | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | 114 | | 110 | | 59-134 | 4 | | 30 |
| Perfluorooctanesulfonamide (FOSA) | 90 | | 122 | | 67-137 | 30 | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | 113 | | 121 | | 61-139 | 7 | | 30 |
| Perfluorododecanoic Acid (PFDoA) | 99 | | 96 | | 69-135 | 3 | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | 123 | | 112 | | 66-139 | 9 | | 30 |
| Perfluorotetradecanoic Acid (PFTA) | 108 | | 106 | | 69-133 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 Batch: WG1425046-2 WG1425046-3 | | | | | | | | |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 112 | | 109 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 127 | | 123 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 101 | | 97 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 96 | | 92 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 104 | | 104 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 110 | | 110 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 111 | | 108 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 76 | | 71 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 118 | | 117 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 120 | | 112 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 111 | | 108 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 109 | | 109 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 113 | | 94 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 134 | | 134 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 3 | | 2 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 111 | | 97 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 131 | | 137 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 133 | | 131 | | 26-160 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 Batch: WG1425046-2 WG1425046-3 | | | | | | | | |
| Perfluorooctanesulfonamide (FOSA) | 105 | | 103 | | 67-137 | 2 | | 30 |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 120 | | 115 | | 1-125 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 13 Batch: WG1427718-2 WG1427718-3 | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 112 | | 111 | | 71-135 | 1 | | 30 |
| Perfluoropentanoic Acid (PFPeA) | 112 | | 112 | | 69-132 | 0 | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | 109 | | 110 | | 72-128 | 1 | | 30 |
| Perfluorohexanoic Acid (PFHxA) | 113 | | 112 | | 70-132 | 1 | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | 111 | | 111 | | 71-131 | 0 | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | 115 | | 110 | | 67-130 | 4 | | 30 |
| Perfluorooctanoic Acid (PFOA) | 110 | | 109 | | 69-133 | 1 | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | 121 | | 119 | | 64-140 | 2 | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | 109 | | 104 | | 70-132 | 5 | | 30 |
| Perfluorononanoic Acid (PFNA) | 114 | | 114 | | 72-129 | 0 | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | 116 | | 116 | | 68-136 | 0 | | 30 |
| Perfluorodecanoic Acid (PFDA) | 110 | | 113 | | 69-133 | 3 | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | 122 | | 130 | | 65-137 | 6 | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | 136 | | 112 | | 63-144 | 19 | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | 111 | | 110 | | 64-136 | 1 | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | 117 | | 115 | | 59-134 | 2 | | 30 |
| Perfluorooctanesulfonamide (FOSA) | 112 | | 112 | | 67-137 | 0 | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | 119 | | 118 | | 61-139 | 1 | | 30 |
| Perfluorododecanoic Acid (PFDoA) | 113 | | 113 | | 69-135 | 0 | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | 115 | | 118 | | 66-139 | 3 | | 30 |
| Perfluorotetradecanoic Acid (PFTA) | 106 | | 106 | | 69-133 | 0 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 13 Batch: WG1427718-2 WG1427718-3 | | | | | | | | |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 86 | | 87 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 86 | | 86 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 87 | | 90 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 80 | | 82 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 83 | | 84 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 93 | | 95 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 86 | | 88 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 83 | | 86 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 81 | | 83 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 90 | | 93 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 85 | | 84 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 98 | | 94 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 60 | | 76 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 87 | | 89 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 31 | | 36 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 73 | | 77 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 85 | | 84 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 69 | | 69 | | 26-160 |

# Matrix Spike Analysis

## *Batch Quality Control*

***Project Name:*** 8 WESTCHESTER PLACE

***Project Number:*** 11513:4.2

***Lab Number:*** L2045623

***Report Date:*** 10/29/20

| *Parameter* | *Native Sample* | *MS Added* | *MS Found* | *MS %Recovery* | *Qual* | *MSD Found* | *MSD %Recovery* | *Qual* | *Recovery Limits* | *RPD* | *Qual* | *RPD Limits* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 QC Batch ID: WG1425046-4 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | 5.06 | 5.18 | 102 | | - | - | | 71-135 | - | | 30 |
| Perfluoropentanoic Acid (PFPeA) | ND | 5.06 | 5.31 | 105 | | - | - | | 69-132 | - | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | 4.5 | 4.61 | 103 | | - | - | | 72-128 | - | | 30 |
| Perfluorohexanoic Acid (PFHxA) | ND | 5.06 | 5.46 | 108 | | - | - | | 70-132 | - | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | ND | 5.06 | 5.44 | 107 | | - | - | | 71-131 | - | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | 4.63 | 3.15 | 68 | | - | - | | 67-130 | - | | 30 |
| Perfluorooctanoic Acid (PFOA) | ND | 5.06 | 5.32 | 105 | | - | - | | 69-133 | - | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | 4.82 | 4.96 | 103 | | - | - | | 64-140 | - | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | 4.82 | 4.83 | 100 | | - | - | | 70-132 | - | | 30 |
| Perfluorononanoic Acid (PFNA) | ND | 5.06 | 5.38 | 106 | | - | - | | 72-129 | - | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | 4.7 | 4.88 | 104 | | - | - | | 68-136 | - | | 30 |
| Perfluorodecanoic Acid (PFDA) | ND | 5.06 | 5.62 | 111 | | - | - | | 69-133 | - | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | 4.86 | 5.79 | 119 | | - | - | | 65-137 | - | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | 5.06 | 5.53 | 109 | | - | - | | 63-144 | - | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | ND | 5.06 | 4.82 | 95 | | - | - | | 64-136 | - | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | 4.88 | 5.96 | 122 | | - | - | | 59-134 | - | | 30 |
| Perfluorooctanesulfonamide (FOSA) | ND | 5.06 | 4.87F | 96 | | - | - | | 67-137 | - | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | 5.06 | 6.60 | 130 | | - | - | | 61-139 | - | | 30 |
| Perfluorododecanoic Acid (PFDoA) | ND | 5.06 | 4.77 | 94 | | - | - | | 69-135 | - | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | 5.06 | 6.39 | 126 | | - | - | | 66-139 | - | | 30 |
| Perfluorotetradecanoic Acid (PFTA) | ND | 5.06 | 5.52 | 109 | | - | - | | 69-133 | - | | 30 |

# Matrix Spike Analysis

***Batch Quality Control***

***Project Name:*** 8 WESTCHESTER PLACE

***Project Number:*** 11513:4.2

***Lab Number:*** L2045623

***Report Date:*** 10/29/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | Associated sample(s): 01-04,14 | | QC Batch ID: WG1425046-4 | | | QC Sample: L2045623-01 | | | Client ID: SB-11 (7') | | | |

| Surrogate (Extracted Internal Standard) | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|---|---|---|---|---|---|
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 75 | | | | 25-186 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 52 | | | | 32-182 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | **24** | Q | | | 42-136 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | **21** | Q | | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 111 | | | | 64-158 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 92 | | | | 65-150 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 78 | | | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 83 | | | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 109 | | | | 63-166 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 111 | | | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 120 | | | | 26-160 |
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 90 | | | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 98 | | | | 65-182 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 29 | | | | 1-125 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 95 | | | | 65-151 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 92 | | | | 62-152 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 95 | | | | 61-154 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 82 | | | | 70-151 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 QC Batch ID: WG1425046-5 QC Sample: L2045623-02 Client ID: SB-12 (8') | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | ND | ug/kg | NC | | 30 |
| Perfluoropentanoic Acid (PFPeA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | ND | ug/kg | NC | | 30 |
| Perfluorohexanoic Acid (PFHxA) | ND | ND | ug/kg | NC | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | ND | ug/kg | NC | | 30 |
| Perfluorooctanoic Acid (PFOA) | ND | ND | ug/kg | NC | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | ND | ug/kg | NC | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | ND | ug/kg | NC | | 30 |
| Perfluorononanoic Acid (PFNA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | 0.188J | ug/kg | NC | | 30 |
| Perfluorodecanoic Acid (PFDA) | ND | ND | ug/kg | NC | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | ND | ug/kg | NC | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | ND | ug/kg | NC | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | ND | ug/kg | NC | | 30 |
| Perfluorooctanesulfonamide (FOSA) | ND | ND | ug/kg | NC | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorododecanoic Acid (PFDoA) | ND | ND | ug/kg | NC | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | ND | ug/kg | NC | | 30 |

# Lab Duplicate Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,14 QC Batch ID: WG1425046-5 QC Sample: L2045623-02 Client ID: SB-12 (8') | | | | | | |
| Perfluorotetradecanoic Acid (PFTA) | ND | ND | ug/kg | NC | | 30 |
| PFOA/PFOS, Total | ND | 0.188J | ug/kg | NC | | 30 |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 111 | | 108 | | 60-153 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 123 | | 120 | | 65-182 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 93 | | 92 | | 70-151 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 95 | | 92 | | 61-147 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 106 | | 99 | | 62-149 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 107 | | 98 | | 63-166 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 111 | | 106 | | 62-152 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 65 | | 63 | | 32-182 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 120 | | 113 | | 61-154 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 110 | | 109 | | 65-151 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 110 | | 106 | | 65-150 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 105 | | 110 | | 25-186 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 110 | | 91 | | 45-137 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 136 | | 136 | | 64-158 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 79 | | 75 | | 1-125 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 112 | | 99 | | 42-136 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 129 | | 137 | | 56-148 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 137 | | 141 | | 26-160 |

# PCBS

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:15
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 35.8 | 3.18 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 35.8 | 3.58 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 35.8 | 7.58 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 35.8 | 4.82 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 35.8 | 5.36 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 35.8 | 3.91 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 35.8 | 6.61 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 35.8 | 4.54 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 35.8 | 3.70 | 1 | A |
| PCBs, Total | ND | | ug/kg | 35.8 | 3.18 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | A |
| Decachlorobiphenyl | 89 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 74 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:22
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 35.5 | 3.16 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 35.5 | 3.56 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 35.5 | 7.53 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 35.5 | 4.79 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 35.5 | 5.33 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 35.5 | 3.89 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 35.5 | 6.57 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 35.5 | 4.51 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 35.5 | 3.68 | 1 | A |
| PCBs, Total | ND | | ug/kg | 35.5 | 3.16 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 86 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 69 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:28
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 34.4 | 3.05 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 34.4 | 3.44 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 34.4 | 7.28 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 34.4 | 4.63 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 34.4 | 5.16 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 34.4 | 3.76 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 34.4 | 6.35 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 34.4 | 4.36 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 34.4 | 3.56 | 1 | A |
| PCBs, Total | ND | | ug/kg | 34.4 | 3.05 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | B |
| Decachlorobiphenyl | 69 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:35
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.0 | 3.37 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.0 | 3.80 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.0 | 8.05 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.0 | 5.12 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.0 | 5.69 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.0 | 4.15 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.0 | 7.01 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.0 | 4.82 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.0 | 3.93 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.0 | 3.37 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 63 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 65 | | 30-150 | B |
| Decachlorobiphenyl | 60 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:42
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 37.9 | 3.36 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 37.9 | 3.79 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 37.9 | 8.03 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 37.9 | 5.10 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 37.9 | 5.68 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 37.9 | 4.14 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 37.9 | 7.00 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 37.9 | 4.81 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 37.9 | 3.92 | 1 | A |
| PCBs, Total | ND | | ug/kg | 37.9 | 3.36 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | B |
| Decachlorobiphenyl | 81 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:49
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 37.2 | 3.30 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 37.2 | 3.73 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 37.2 | 7.89 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 37.2 | 5.02 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 37.2 | 5.58 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 37.2 | 4.07 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 37.2 | 6.88 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 37.2 | 4.72 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 37.2 | 3.85 | 1 | A |
| PCBs, Total | ND | | ug/kg | 37.2 | 3.30 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 99 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 85 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07
Client ID: SB-9 (14')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 10:56
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 34.6 | 3.07 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 34.6 | 3.46 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 34.6 | 7.33 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 34.6 | 4.66 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 34.6 | 5.19 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 34.6 | 3.78 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 34.6 | 6.39 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 34.6 | 4.39 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 34.6 | 3.58 | 1 | A |
| PCBs, Total | ND | | ug/kg | 34.6 | 3.07 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 90 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 82 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:03
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 33.5 | 2.97 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 33.5 | 3.36 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 33.5 | 7.10 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 33.5 | 4.52 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 33.5 | 5.02 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 33.5 | 3.66 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 33.5 | 6.19 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 33.5 | 4.25 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 33.5 | 3.47 | 1 | A |
| PCBs, Total | ND | | ug/kg | 33.5 | 2.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | A |
| Decachlorobiphenyl | 98 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 84 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09
Client ID: SB-8 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:25
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:10
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.4 | 3.41 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.4 | 3.85 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.4 | 8.15 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.4 | 5.18 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.4 | 5.76 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.4 | 4.20 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.4 | 7.10 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.4 | 4.88 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.4 | 3.98 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.4 | 3.41 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 103 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | B |
| Decachlorobiphenyl | 90 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10
Client ID: SB-7 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:17
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 36.0 | 3.19 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 36.0 | 3.60 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 36.0 | 7.62 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 36.0 | 4.85 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 36.0 | 5.39 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 36.0 | 3.93 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 36.0 | 6.64 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 36.0 | 4.56 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 36.0 | 3.72 | 1 | A |
| PCBs, Total | ND | | ug/kg | 36.0 | 3.19 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 49 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 72 | | 30-150 | B |
| Decachlorobiphenyl | 44 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:24
Analyst: JM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.2 | 3.40 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.2 | 3.83 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.2 | 8.10 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.2 | 5.15 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.2 | 5.74 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.2 | 4.18 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.2 | 7.06 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.2 | 4.86 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.2 | 3.96 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.2 | 3.40 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 98 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 88 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:30
Analyst: JM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 38.1 | 3.38 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 38.1 | 3.81 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 38.1 | 8.07 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 38.1 | 5.13 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 38.1 | 5.71 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 38.1 | 4.16 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 38.1 | 7.04 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 38.1 | 4.83 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 38.1 | 3.94 | 1 | A |
| PCBs, Total | ND | | ug/kg | 38.1 | 3.38 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 75 | | 30-150 | A |
| Decachlorobiphenyl | 94 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 81 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:37
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 36.3 | 3.22 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 36.3 | 3.64 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 36.3 | 7.70 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 36.3 | 4.90 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 36.3 | 5.45 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 36.3 | 3.97 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 36.3 | 6.71 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 36.3 | 4.61 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 36.3 | 3.76 | 1 | A |
| PCBs, Total | ND | | ug/kg | 36.3 | 3.22 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | B |
| Decachlorobiphenyl | 66 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/22/20 11:44
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 34.8 | 3.09 | 1 | A |
| Aroclor 1221 | ND | | ug/kg | 34.8 | 3.48 | 1 | A |
| Aroclor 1232 | ND | | ug/kg | 34.8 | 7.37 | 1 | A |
| Aroclor 1242 | ND | | ug/kg | 34.8 | 4.69 | 1 | A |
| Aroclor 1248 | ND | | ug/kg | 34.8 | 5.22 | 1 | A |
| Aroclor 1254 | ND | | ug/kg | 34.8 | 3.80 | 1 | A |
| Aroclor 1260 | ND | | ug/kg | 34.8 | 6.43 | 1 | A |
| Aroclor 1262 | ND | | ug/kg | 34.8 | 4.42 | 1 | A |
| Aroclor 1268 | ND | | ug/kg | 34.8 | 3.60 | 1 | A |
| PCBs, Total | ND | | ug/kg | 34.8 | 3.09 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 84 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/22/20 09:54
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-14 Batch: WG1424929-1 | | | | | | |
| Aroclor 1016 | ND | | ug/kg | 32.2 | 2.86 | A |
| Aroclor 1221 | ND | | ug/kg | 32.2 | 3.23 | A |
| Aroclor 1232 | ND | | ug/kg | 32.2 | 6.83 | A |
| Aroclor 1242 | ND | | ug/kg | 32.2 | 4.34 | A |
| Aroclor 1248 | ND | | ug/kg | 32.2 | 4.84 | A |
| Aroclor 1254 | ND | | ug/kg | 32.2 | 3.53 | A |
| Aroclor 1260 | ND | | ug/kg | 32.2 | 5.96 | A |
| Aroclor 1262 | ND | | ug/kg | 32.2 | 4.09 | A |
| Aroclor 1268 | ND | | ug/kg | 32.2 | 3.34 | A |
| PCBs, Total | ND | | ug/kg | 32.2 | 2.86 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 97 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | B |
| Decachlorobiphenyl | 86 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1424929-2 WG1424929-3 | | | | | | | | | |
| Aroclor 1016 | 93 | | 87 | | 40-140 | 7 | | 50 | A |
| Aroclor 1260 | 95 | | 87 | | 40-140 | 9 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 79 | | 30-150 | A |
| Decachlorobiphenyl | 109 | | 99 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 89 | | 80 | | 30-150 | B |
| Decachlorobiphenyl | 90 | | 86 | | 30-150 | B |

# PESTICIDES

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 10:01
Analyst: BM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.73 | 0.339 | 1 | A |
| Lindane | ND | | ug/kg | 0.722 | 0.323 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.722 | 0.205 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.73 | 0.657 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.867 | 0.389 | 1 | A |
| Aldrin | ND | | ug/kg | 1.73 | 0.610 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.25 | 0.975 | 1 | A |
| Endrin | ND | | ug/kg | 0.722 | 0.296 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.17 | 0.758 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.73 | 0.446 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.08 | 0.542 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.73 | 0.401 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.73 | 0.618 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.25 | 1.39 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.73 | 0.410 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.73 | 0.579 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.722 | 0.344 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.25 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.5 | 9.10 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.17 | 0.604 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.17 | 0.572 | 1 | A |
| Chlordane | ND | | ug/kg | 14.4 | 5.74 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01 Date Collected: 10/21/20 09:00

Client ID: SB-11 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 31 | | 30-150 | A |
| Decachlorobiphenyl | 50 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | B |
| Decachlorobiphenyl | **158** | Q | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 D
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 13:39
Analyst: BM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 17.3 | 3.39 | 10 | B |
| Lindane | ND | | ug/kg | 7.20 | 3.22 | 10 | B |
| Alpha-BHC | ND | | ug/kg | 7.20 | 2.05 | 10 | B |
| Beta-BHC | ND | | ug/kg | 17.3 | 6.56 | 10 | B |
| Heptachlor | ND | | ug/kg | 8.64 | 3.88 | 10 | B |
| Aldrin | ND | | ug/kg | 17.3 | 6.09 | 10 | B |
| Heptachlor epoxide | ND | | ug/kg | 32.4 | 9.72 | 10 | B |
| Endrin | ND | | ug/kg | 7.20 | 2.95 | 10 | B |
| Endrin aldehyde | ND | | ug/kg | 21.6 | 7.56 | 10 | B |
| Endrin ketone | ND | | ug/kg | 17.3 | 4.45 | 10 | B |
| Dieldrin | ND | | ug/kg | 10.8 | 5.40 | 10 | B |
| 4,4'-DDE | ND | | ug/kg | 17.3 | 4.00 | 10 | B |
| 4,4'-DDD | ND | | ug/kg | 17.3 | 6.17 | 10 | B |
| 4,4'-DDT | ND | | ug/kg | 32.4 | 13.9 | 10 | B |
| Endosulfan I | ND | | ug/kg | 17.3 | 4.08 | 10 | B |
| Endosulfan II | ND | | ug/kg | 17.3 | 5.78 | 10 | B |
| Endosulfan sulfate | ND | | ug/kg | 7.20 | 3.43 | 10 | B |
| Methoxychlor | ND | | ug/kg | 32.4 | 10.1 | 10 | B |
| Toxaphene | ND | | ug/kg | 324 | 90.8 | 10 | B |
| cis-Chlordane | ND | | ug/kg | 21.6 | 6.02 | 10 | B |
| trans-Chlordane | ND | | ug/kg | 21.6 | 5.70 | 10 | B |
| Chlordane | ND | | ug/kg | 144 | 57.3 | 10 | B |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02 D
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | **160** | Q | 30-150 | A |
| Decachlorobiphenyl | **21** | Q | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 99 | | 30-150 | B |
| Decachlorobiphenyl | **261** | Q | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 10:24
Analyst: BM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.70 | 0.332 | 1 | A |
| Lindane | ND | | ug/kg | 0.707 | 0.316 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.707 | 0.201 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.70 | 0.644 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.849 | 0.380 | 1 | A |
| Aldrin | ND | | ug/kg | 1.70 | 0.598 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.18 | 0.955 | 1 | A |
| Endrin | ND | | ug/kg | 0.707 | 0.290 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.12 | 0.743 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.70 | 0.437 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.06 | 0.530 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.70 | 0.392 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.70 | 0.605 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.18 | 1.36 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.70 | 0.401 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.70 | 0.567 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.707 | 0.337 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.18 | 0.990 | 1 | A |
| Toxaphene | ND | | ug/kg | 31.8 | 8.91 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.12 | 0.591 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.12 | 0.560 | 1 | A |
| Chlordane | ND | | ug/kg | 14.1 | 5.62 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03 Date Collected: 10/21/20 10:20

Client ID: SB-13 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 102 | | 30-150 | A |
| Decachlorobiphenyl | 112 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 111 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 10:35
Analyst: BM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.78 | 0.348 | 1 | A |
| Lindane | 0.543 | J | ug/kg | 0.741 | 0.331 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.741 | 0.210 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.78 | 0.675 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.890 | 0.399 | 1 | A |
| Aldrin | ND | | ug/kg | 1.78 | 0.626 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.34 | 1.00 | 1 | A |
| Endrin | ND | | ug/kg | 0.741 | 0.304 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.22 | 0.778 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.78 | 0.458 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.11 | 0.556 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.78 | 0.412 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.78 | 0.635 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.34 | 1.43 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.78 | 0.420 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.78 | 0.595 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.741 | 0.353 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.34 | 1.04 | 1 | A |
| Toxaphene | ND | | ug/kg | 33.4 | 9.34 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.22 | 0.620 | 1 | A |
| trans-Chlordane | ND | IP | ug/kg | 2.22 | 0.587 | 1 | A |
| Chlordane | ND | | ug/kg | 14.8 | 5.89 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04 Date Collected: 10/21/20 10:30

Client ID: SB-13 (12') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 103 | | 30-150 | A |
| Decachlorobiphenyl | 127 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 125 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 10:47
Analyst: BM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.74 | 0.341 | 1 | A |
| Lindane | ND | | ug/kg | 0.725 | 0.324 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.725 | 0.206 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.74 | 0.660 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.870 | 0.390 | 1 | A |
| Aldrin | ND | | ug/kg | 1.74 | 0.613 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.26 | 0.979 | 1 | A |
| Endrin | ND | | ug/kg | 0.725 | 0.297 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.17 | 0.761 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.74 | 0.448 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.09 | 0.544 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.74 | 0.402 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.74 | 0.620 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.26 | 1.40 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.74 | 0.411 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.74 | 0.581 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.725 | 0.345 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.26 | 1.01 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.6 | 9.13 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.17 | 0.606 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.17 | 0.574 | 1 | A |
| Chlordane | ND | | ug/kg | 14.5 | 5.76 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05 Date Collected: 10/21/20 11:00

Client ID: SB-10 (6') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 30-150 | A |
| Decachlorobiphenyl | 118 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 121 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 10:58
Analyst: BM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.81 | 0.355 | 1 | A |
| Lindane | ND | | ug/kg | 0.756 | 0.338 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.756 | 0.214 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.81 | 0.688 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.907 | 0.406 | 1 | A |
| Aldrin | ND | | ug/kg | 1.81 | 0.638 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.40 | 1.02 | 1 | A |
| Endrin | ND | | ug/kg | 0.756 | 0.310 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.27 | 0.793 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.81 | 0.467 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.13 | 0.567 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.81 | 0.419 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.81 | 0.647 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.40 | 1.46 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.81 | 0.428 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.81 | 0.606 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.756 | 0.360 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.40 | 1.06 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.0 | 9.52 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.27 | 0.632 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.27 | 0.598 | 1 | A |
| Chlordane | ND | | ug/kg | 15.1 | 6.01 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06 Date Collected: 10/21/20 11:40

Client ID: SB-9 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 100 | | 30-150 | A |
| Decachlorobiphenyl | 124 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 124 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07
Client ID: SB-9 (14')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 11:10
Analyst: BM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.310 | 1 | A |
| Lindane | ND | | ug/kg | 0.659 | 0.295 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.659 | 0.187 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.600 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.791 | 0.355 | 1 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.557 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.97 | 0.890 | 1 | A |
| Endrin | ND | | ug/kg | 0.659 | 0.270 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 1.98 | 0.692 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.407 | 1 | A |
| Dieldrin | ND | | ug/kg | 0.989 | 0.494 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.366 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.564 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 2.97 | 1.27 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.374 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.529 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.659 | 0.314 | 1 | A |
| Methoxychlor | ND | | ug/kg | 2.97 | 0.923 | 1 | A |
| Toxaphene | ND | | ug/kg | 29.7 | 8.30 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 1.98 | 0.551 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 1.98 | 0.522 | 1 | A |
| Chlordane | ND | | ug/kg | 13.2 | 5.24 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07 Date Collected: 10/21/20 11:50

Client ID: SB-9 (14') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 108 | | 30-150 | A |
| Decachlorobiphenyl | 131 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 94 | | 30-150 | B |
| Decachlorobiphenyl | 139 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 11:21
Analyst: BM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.65 | 0.324 | 1 | A |
| Lindane | ND | | ug/kg | 0.688 | 0.308 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.688 | 0.196 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.65 | 0.626 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.826 | 0.370 | 1 | A |
| Aldrin | ND | | ug/kg | 1.65 | 0.582 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.10 | 0.929 | 1 | A |
| Endrin | ND | | ug/kg | 0.688 | 0.282 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.06 | 0.723 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.65 | 0.425 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.03 | 0.516 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.65 | 0.382 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.65 | 0.589 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.10 | 1.33 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.65 | 0.390 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.65 | 0.552 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.688 | 0.328 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.10 | 0.964 | 1 | A |
| Toxaphene | ND | | ug/kg | 31.0 | 8.67 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.06 | 0.576 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.06 | 0.545 | 1 | A |
| Chlordane | ND | | ug/kg | 13.8 | 5.47 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08 Date Collected: 10/21/20 12:15

Client ID: SB-8 (9') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 30-150 | A |
| Decachlorobiphenyl | 115 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 117 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09
Client ID: SB-8 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 12:25
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 11:33
Analyst: BM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.85 | 0.363 | 1 | A |
| Lindane | ND | | ug/kg | 0.772 | 0.345 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.772 | 0.219 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.85 | 0.703 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.926 | 0.415 | 1 | A |
| Aldrin | ND | | ug/kg | 1.85 | 0.652 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.47 | 1.04 | 1 | A |
| Endrin | ND | | ug/kg | 0.772 | 0.316 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.32 | 0.811 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.85 | 0.477 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.16 | 0.579 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.85 | 0.428 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.85 | 0.661 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.47 | 1.49 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.85 | 0.438 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.85 | 0.619 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.772 | 0.368 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.47 | 1.08 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.7 | 9.73 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.32 | 0.646 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.32 | 0.612 | 1 | A |
| Chlordane | ND | | ug/kg | 15.4 | 6.14 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09 Date Collected: 10/21/20 12:25

Client ID: SB-8 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 102 | | 30-150 | A |
| Decachlorobiphenyl | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | B |
| Decachlorobiphenyl | 107 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10
Client ID: SB-7 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 11:44
Analyst: BM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.75 | 0.342 | 1 | A |
| Lindane | ND | | ug/kg | 0.728 | 0.325 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.728 | 0.207 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.75 | 0.662 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.873 | 0.392 | 1 | A |
| Aldrin | ND | | ug/kg | 1.75 | 0.615 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.28 | 0.982 | 1 | A |
| Endrin | ND | | ug/kg | 0.728 | 0.298 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.18 | 0.764 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.75 | 0.450 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.09 | 0.546 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.75 | 0.404 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.75 | 0.623 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.28 | 1.40 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.75 | 0.413 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.75 | 0.584 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.728 | 0.346 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.28 | 1.02 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.8 | 9.17 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.18 | 0.608 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.18 | 0.576 | 1 | A |
| Chlordane | ND | | ug/kg | 14.6 | 5.79 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10 Date Collected: 10/21/20 13:00

Client ID: SB-7 (7') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 102 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 11:56
Analyst: BM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.84 | 0.361 | 1 | A |
| Lindane | ND | | ug/kg | 0.769 | 0.344 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.769 | 0.218 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.84 | 0.700 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.923 | 0.414 | 1 | A |
| Aldrin | ND | | ug/kg | 1.84 | 0.650 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.46 | 1.04 | 1 | A |
| Endrin | ND | | ug/kg | 0.769 | 0.315 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.31 | 0.808 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.84 | 0.475 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.15 | 0.577 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.84 | 0.427 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.84 | 0.658 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.46 | 1.48 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.84 | 0.436 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.84 | 0.617 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.769 | 0.366 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.46 | 1.08 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.6 | 9.69 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.31 | 0.643 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.31 | 0.609 | 1 | A |
| Chlordane | ND | | ug/kg | 15.4 | 6.11 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11 Date Collected: 10/21/20 13:10

Client ID: SB-7 (10') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 90 | | 30-150 | A |
| Decachlorobiphenyl | 100 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 105 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 12:07
Analyst: BM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.84 | 0.360 | 1 | A |
| Lindane | ND | | ug/kg | 0.765 | 0.342 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.765 | 0.217 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.84 | 0.696 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.918 | 0.412 | 1 | A |
| Aldrin | ND | | ug/kg | 1.84 | 0.647 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.44 | 1.03 | 1 | A |
| Endrin | ND | | ug/kg | 0.765 | 0.314 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.30 | 0.804 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.84 | 0.473 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.15 | 0.574 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.84 | 0.425 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.84 | 0.655 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.44 | 1.48 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.84 | 0.434 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.84 | 0.614 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.765 | 0.364 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.44 | 1.07 | 1 | A |
| Toxaphene | ND | | ug/kg | 34.4 | 9.64 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.30 | 0.640 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.30 | 0.606 | 1 | A |
| Chlordane | ND | | ug/kg | 15.3 | 6.08 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12 Date Collected: 10/21/20 13:20

Client ID: SB-6 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 101 | | 30-150 | A |
| Decachlorobiphenyl | 107 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 85 | | 30-150 | B |
| Decachlorobiphenyl | 106 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 12:19
Analyst: BM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.70 | 0.332 | 1 | A |
| Lindane | ND | | ug/kg | 0.707 | 0.316 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.707 | 0.201 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.70 | 0.643 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.848 | 0.380 | 1 | A |
| Aldrin | ND | | ug/kg | 1.70 | 0.597 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.18 | 0.954 | 1 | A |
| Endrin | ND | | ug/kg | 0.707 | 0.290 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.12 | 0.742 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.70 | 0.437 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.06 | 0.530 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.70 | 0.392 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.70 | 0.605 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.18 | 1.36 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.70 | 0.401 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.70 | 0.567 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.707 | 0.336 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.18 | 0.990 | 1 | A |
| Toxaphene | ND | | ug/kg | 31.8 | 8.91 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.12 | 0.591 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.12 | 0.560 | 1 | A |
| Chlordane | ND | | ug/kg | 14.1 | 5.62 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13 Date Collected: 10/21/20 14:40

Client ID: SB-5 (8') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 95 | | 30-150 | A |
| Decachlorobiphenyl | 101 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 86 | | 30-150 | B |
| Decachlorobiphenyl | 108 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/20 12:30
Analyst: BM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.71 | 0.335 | 1 | A |
| Lindane | ND | | ug/kg | 0.713 | 0.319 | 1 | A |
| Alpha-BHC | ND | | ug/kg | 0.713 | 0.202 | 1 | A |
| Beta-BHC | ND | | ug/kg | 1.71 | 0.649 | 1 | A |
| Heptachlor | ND | | ug/kg | 0.855 | 0.383 | 1 | A |
| Aldrin | ND | | ug/kg | 1.71 | 0.602 | 1 | A |
| Heptachlor epoxide | ND | | ug/kg | 3.21 | 0.962 | 1 | A |
| Endrin | ND | | ug/kg | 0.713 | 0.292 | 1 | A |
| Endrin aldehyde | ND | | ug/kg | 2.14 | 0.748 | 1 | A |
| Endrin ketone | ND | | ug/kg | 1.71 | 0.440 | 1 | A |
| Dieldrin | ND | | ug/kg | 1.07 | 0.534 | 1 | A |
| 4,4'-DDE | ND | | ug/kg | 1.71 | 0.396 | 1 | A |
| 4,4'-DDD | ND | | ug/kg | 1.71 | 0.610 | 1 | A |
| 4,4'-DDT | ND | | ug/kg | 3.21 | 1.38 | 1 | A |
| Endosulfan I | ND | | ug/kg | 1.71 | 0.404 | 1 | A |
| Endosulfan II | ND | | ug/kg | 1.71 | 0.572 | 1 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.713 | 0.339 | 1 | A |
| Methoxychlor | ND | | ug/kg | 3.21 | 0.998 | 1 | A |
| Toxaphene | ND | | ug/kg | 32.1 | 8.98 | 1 | A |
| cis-Chlordane | ND | | ug/kg | 2.14 | 0.596 | 1 | A |
| trans-Chlordane | ND | | ug/kg | 2.14 | 0.564 | 1 | A |
| Chlordane | ND | | ug/kg | 14.2 | 5.67 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14 Date Collected: 10/21/20 14:50

Client ID: SB-5 (13') Date Received: 10/21/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | A |
| Decachlorobiphenyl | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | B |
| Decachlorobiphenyl | 110 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/22/20 09:26
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-14 Batch: WG1424931-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.309 | A |
| Lindane | ND | | ug/kg | 0.657 | 0.294 | A |
| Alpha-BHC | ND | | ug/kg | 0.657 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.598 | A |
| Heptachlor | ND | | ug/kg | 0.789 | 0.354 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.556 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.96 | 0.888 | A |
| Endrin | ND | | ug/kg | 0.657 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.97 | 0.690 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.406 | A |
| Dieldrin | ND | | ug/kg | 0.986 | 0.493 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.365 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.563 | A |
| 4,4'-DDT | ND | | ug/kg | 2.96 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.373 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.527 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.657 | 0.313 | A |
| Methoxychlor | ND | | ug/kg | 2.96 | 0.920 | A |
| Toxaphene | ND | | ug/kg | 29.6 | 8.28 | A |
| cis-Chlordane | ND | | ug/kg | 1.97 | 0.550 | A |
| trans-Chlordane | ND | | ug/kg | 1.97 | 0.521 | A |
| Chlordane | ND | | ug/kg | 13.1 | 5.23 | A |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/22/20 09:26
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-14 Batch: WG1424931-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 97 | | 30-150 | A |
| Decachlorobiphenyl | 118 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 124 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/22/20 12:42
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1425144-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 1.58 | 0.309 | A |
| Lindane | ND | | ug/kg | 0.657 | 0.294 | A |
| Alpha-BHC | ND | | ug/kg | 0.657 | 0.187 | A |
| Beta-BHC | ND | | ug/kg | 1.58 | 0.598 | A |
| Heptachlor | ND | | ug/kg | 0.789 | 0.354 | A |
| Aldrin | ND | | ug/kg | 1.58 | 0.556 | A |
| Heptachlor epoxide | ND | | ug/kg | 2.96 | 0.888 | A |
| Endrin | ND | | ug/kg | 0.657 | 0.270 | A |
| Endrin aldehyde | ND | | ug/kg | 1.97 | 0.690 | A |
| Endrin ketone | ND | | ug/kg | 1.58 | 0.406 | A |
| Dieldrin | ND | | ug/kg | 0.986 | 0.493 | A |
| 4,4'-DDE | ND | | ug/kg | 1.58 | 0.365 | A |
| 4,4'-DDD | ND | | ug/kg | 1.58 | 0.563 | A |
| 4,4'-DDT | ND | | ug/kg | 2.96 | 1.27 | A |
| Endosulfan I | ND | | ug/kg | 1.58 | 0.373 | A |
| Endosulfan II | ND | | ug/kg | 1.58 | 0.527 | A |
| Endosulfan sulfate | ND | | ug/kg | 0.657 | 0.313 | A |
| Methoxychlor | ND | | ug/kg | 2.96 | 0.920 | A |
| Toxaphene | ND | | ug/kg | 29.6 | 8.28 | A |
| cis-Chlordane | ND | | ug/kg | 1.97 | 0.550 | A |
| trans-Chlordane | ND | | ug/kg | 1.97 | 0.521 | A |
| Chlordane | ND | | ug/kg | 13.1 | 5.23 | A |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/22/20 12:42
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/22/20 01:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/22/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1425144-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 97 | | 30-150 | A |
| Decachlorobiphenyl | 114 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | B |
| Decachlorobiphenyl | 115 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-14 Batch: WG1424931-2 WG1424931-3 | | | | | | | | | |
| Delta-BHC | 90 | | 80 | | 30-150 | 12 | | 30 | A |
| Lindane | 94 | | 84 | | 30-150 | 11 | | 30 | A |
| Alpha-BHC | 93 | | 84 | | 30-150 | 10 | | 30 | A |
| Beta-BHC | 103 | | 91 | | 30-150 | 12 | | 30 | A |
| Heptachlor | 104 | | 93 | | 30-150 | 11 | | 30 | A |
| Aldrin | 89 | | 82 | | 30-150 | 8 | | 30 | A |
| Heptachlor epoxide | 96 | | 86 | | 30-150 | 11 | | 30 | A |
| Endrin | 102 | | 90 | | 30-150 | 13 | | 30 | A |
| Endrin aldehyde | 95 | | 81 | | 30-150 | 16 | | 30 | A |
| Endrin ketone | 95 | | 81 | | 30-150 | 16 | | 30 | A |
| Dieldrin | 84 | | 76 | | 30-150 | 10 | | 30 | A |
| 4,4'-DDE | 86 | | 77 | | 30-150 | 11 | | 30 | A |
| 4,4'-DDD | 87 | | 76 | | 30-150 | 13 | | 30 | A |
| 4,4'-DDT | 103 | | 91 | | 30-150 | 12 | | 30 | A |
| Endosulfan I | 92 | | 85 | | 30-150 | 8 | | 30 | A |
| Endosulfan II | 103 | | 90 | | 30-150 | 13 | | 30 | A |
| Endosulfan sulfate | 96 | | 82 | | 30-150 | 16 | | 30 | A |
| Methoxychlor | 112 | | 97 | | 30-150 | 14 | | 30 | A |
| cis-Chlordane | 83 | | 73 | | 30-150 | 13 | | 30 | A |
| trans-Chlordane | 94 | | 84 | | 30-150 | 11 | | 30 | A |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-14 Batch: WG1424931-2 WG1424931-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 103 | | 93 | | 30-150 | A |
| Decachlorobiphenyl | 125 | | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 78 | | 30-150 | B |
| Decachlorobiphenyl | 126 | | 106 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1425144-2 WG1425144-3 | | | | | | | | | |
| Delta-BHC | 99 | | 84 | | 30-150 | 16 | | 30 | A |
| Lindane | 99 | | 84 | | 30-150 | 16 | | 30 | A |
| Alpha-BHC | 99 | | 85 | | 30-150 | 15 | | 30 | A |
| Beta-BHC | 117 | | 103 | | 30-150 | 13 | | 30 | A |
| Heptachlor | 110 | | 92 | | 30-150 | 18 | | 30 | A |
| Aldrin | 98 | | 79 | | 30-150 | 21 | | 30 | A |
| Heptachlor epoxide | 103 | | 84 | | 30-150 | 20 | | 30 | A |
| Endrin | 111 | | 90 | | 30-150 | 21 | | 30 | A |
| Endrin aldehyde | 98 | | 76 | | 30-150 | 25 | | 30 | A |
| Endrin ketone | 96 | | 75 | | 30-150 | 25 | | 30 | A |
| Dieldrin | 89 | | 71 | | 30-150 | 23 | | 30 | A |
| 4,4'-DDE | 91 | | 71 | | 30-150 | 25 | | 30 | A |
| 4,4'-DDD | 94 | | 74 | | 30-150 | 24 | | 30 | A |
| 4,4'-DDT | 110 | | 84 | | 30-150 | 27 | | 30 | A |
| Endosulfan I | 100 | | 79 | | 30-150 | 23 | | 30 | A |
| Endosulfan II | 116 | | 97 | | 30-150 | 18 | | 30 | A |
| Endosulfan sulfate | 101 | | 80 | | 30-150 | 23 | | 30 | A |
| Methoxychlor | 123 | | 95 | | 30-150 | 26 | | 30 | A |
| cis-Chlordane | 91 | | 70 | | 30-150 | 26 | | 30 | A |
| trans-Chlordane | 93 | | 76 | | 30-150 | 20 | | 30 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1425144-2 WG1425144-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 102 | | 89 | | 30-150 | A |
| Decachlorobiphenyl | 120 | | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 75 | | 30-150 | B |
| Decachlorobiphenyl | 128 | | 97 | | 30-150 | B |

# METALS

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7210 | | mg/kg | 8.50 | 2.29 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.25 | 0.323 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 0.552 | J | mg/kg | 0.850 | 0.177 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 50.2 | | mg/kg | 0.850 | 0.148 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.246 | J | mg/kg | 0.425 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.850 | 0.083 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 538 | | mg/kg | 8.50 | 2.97 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 12.0 | | mg/kg | 0.850 | 0.082 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 6.15 | | mg/kg | 1.70 | 0.141 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 12.5 | | mg/kg | 0.850 | 0.219 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 12900 | | mg/kg | 4.25 | 0.768 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 7.77 | | mg/kg | 4.25 | 0.228 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 1590 | | mg/kg | 8.50 | 1.31 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 510 | | mg/kg | 0.850 | 0.135 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.069 | 0.045 | 1 | 10/22/20 07:50 | 10/22/20 09:47 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 10.8 | | mg/kg | 2.12 | 0.206 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 1540 | | mg/kg | 212 | 12.2 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.70 | 0.219 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.850 | 0.240 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 57.4 | J | mg/kg | 170 | 2.68 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.70 | 0.268 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 17.3 | | mg/kg | 0.850 | 0.172 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 38.0 | | mg/kg | 4.25 | 0.249 | 2 | 10/22/20 09:10 | 10/22/20 11:46 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 4420 | | mg/kg | 8.57 | 2.31 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.28 | 0.326 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.857 | 0.178 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 44.0 | | mg/kg | 0.857 | 0.149 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.069 | J | mg/kg | 0.428 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.857 | 0.084 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 458 | | mg/kg | 8.57 | 3.00 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 10.1 | | mg/kg | 0.857 | 0.082 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 4.96 | | mg/kg | 1.71 | 0.142 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 12.2 | | mg/kg | 0.857 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 7410 | | mg/kg | 4.28 | 0.774 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 1.71 | J | mg/kg | 4.28 | 0.230 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 1740 | | mg/kg | 8.57 | 1.32 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 113 | | mg/kg | 0.857 | 0.136 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.069 | 0.045 | 1 | 10/22/20 07:50 | 10/22/20 10:07 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 6.08 | | mg/kg | 2.14 | 0.207 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 2480 | | mg/kg | 214 | 12.3 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.71 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.857 | 0.242 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 43.0 | J | mg/kg | 171 | 2.70 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.71 | 0.270 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 13.5 | | mg/kg | 0.857 | 0.174 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 15.4 | | mg/kg | 4.28 | 0.251 | 2 | 10/22/20 09:10 | 10/22/20 12:08 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6750 | | mg/kg | 8.34 | 2.25 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.17 | 0.317 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.834 | 0.174 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 72.1 | | mg/kg | 0.834 | 0.145 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.200 | J | mg/kg | 0.417 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.834 | 0.082 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 609 | | mg/kg | 8.34 | 2.92 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 12.8 | | mg/kg | 0.834 | 0.080 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 8.93 | | mg/kg | 1.67 | 0.138 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 14.6 | | mg/kg | 0.834 | 0.215 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 16500 | | mg/kg | 4.17 | 0.753 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 2.81 | J | mg/kg | 4.17 | 0.224 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 3090 | | mg/kg | 8.34 | 1.28 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 211 | | mg/kg | 0.834 | 0.133 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.067 | 0.044 | 1 | 10/22/20 07:50 | 10/22/20 10:10 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 13.1 | | mg/kg | 2.08 | 0.202 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 4730 | | mg/kg | 208 | 12.0 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.67 | 0.215 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.834 | 0.236 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 96.4 | J | mg/kg | 167 | 2.63 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.67 | 0.263 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 21.4 | | mg/kg | 0.834 | 0.169 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 32.3 | | mg/kg | 4.17 | 0.244 | 2 | 10/22/20 09:10 | 10/22/20 12:12 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9050 | | mg/kg | 9.01 | 2.43 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | 0.379 | J | mg/kg | 4.51 | 0.342 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.901 | 0.188 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 110 | | mg/kg | 0.901 | 0.157 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.180 | J | mg/kg | 0.451 | 0.030 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.901 | 0.088 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 925 | | mg/kg | 9.01 | 3.16 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 15.0 | | mg/kg | 0.901 | 0.087 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 11.4 | | mg/kg | 1.80 | 0.150 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 5.51 | | mg/kg | 0.901 | 0.232 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 35800 | | mg/kg | 4.51 | 0.814 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 7.37 | | mg/kg | 4.51 | 0.242 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4560 | | mg/kg | 9.01 | 1.39 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 678 | | mg/kg | 0.901 | 0.143 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.074 | 0.048 | 1 | 10/22/20 07:50 | 10/22/20 10:14 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 18.2 | | mg/kg | 2.25 | 0.218 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 7110 | | mg/kg | 225 | 13.0 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.80 | 0.232 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.901 | 0.255 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 150 | J | mg/kg | 180 | 2.84 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.80 | 0.284 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 24.5 | | mg/kg | 0.901 | 0.183 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 45.2 | | mg/kg | 4.51 | 0.264 | 2 | 10/22/20 09:10 | 10/22/20 12:17 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 12600 | | mg/kg | 8.56 | 2.31 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.28 | 0.325 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.856 | 0.178 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 115 | | mg/kg | 0.856 | 0.149 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.265 | J | mg/kg | 0.428 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.856 | 0.084 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 588 | | mg/kg | 8.56 | 3.00 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 28.8 | | mg/kg | 0.856 | 0.082 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 13.3 | | mg/kg | 1.71 | 0.142 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 17.3 | | mg/kg | 0.856 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 22100 | | mg/kg | 4.28 | 0.773 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 6.95 | | mg/kg | 4.28 | 0.230 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4520 | | mg/kg | 8.56 | 1.32 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 762 | | mg/kg | 0.856 | 0.136 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.072 | 0.047 | 1 | 10/22/20 07:50 | 10/22/20 10:17 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 22.9 | | mg/kg | 2.14 | 0.207 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 5380 | | mg/kg | 214 | 12.3 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.71 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.856 | 0.242 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 226 | | mg/kg | 171 | 2.70 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.71 | 0.270 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 34.6 | | mg/kg | 0.856 | 0.174 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 43.8 | | mg/kg | 4.28 | 0.251 | 2 | 10/22/20 09:10 | 10/22/20 12:30 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9670 | | mg/kg | 9.12 | 2.46 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.56 | 0.346 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.912 | 0.190 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 83.6 | | mg/kg | 0.912 | 0.159 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.246 | J | mg/kg | 0.456 | 0.030 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.912 | 0.089 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 684 | | mg/kg | 9.12 | 3.19 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 20.5 | | mg/kg | 0.912 | 0.088 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 12.1 | | mg/kg | 1.82 | 0.151 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 20.3 | | mg/kg | 0.912 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 21500 | | mg/kg | 4.56 | 0.824 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 3.39 | J | mg/kg | 4.56 | 0.244 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4420 | | mg/kg | 9.12 | 1.40 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 396 | | mg/kg | 0.912 | 0.145 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.074 | 0.048 | 1 | 10/22/20 07:50 | 10/22/20 10:20 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 18.7 | | mg/kg | 2.28 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 6500 | | mg/kg | 228 | 13.1 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.82 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.912 | 0.258 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 97.4 | J | mg/kg | 182 | 2.87 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.82 | 0.287 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 27.9 | | mg/kg | 0.912 | 0.185 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 42.9 | | mg/kg | 4.56 | 0.267 | 2 | 10/22/20 09:10 | 10/22/20 12:35 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07
Client ID: SB-9 (14')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 11:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 7650 | | mg/kg | 8.02 | 2.16 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.01 | 0.305 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.802 | 0.167 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 83.1 | | mg/kg | 0.802 | 0.140 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.040 | J | mg/kg | 0.401 | 0.027 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.802 | 0.079 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 1600 | | mg/kg | 8.02 | 2.81 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 18.7 | | mg/kg | 0.802 | 0.077 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 8.62 | | mg/kg | 1.60 | 0.133 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 20.4 | | mg/kg | 0.802 | 0.207 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 16000 | | mg/kg | 4.01 | 0.724 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 2.29 | J | mg/kg | 4.01 | 0.215 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 3640 | | mg/kg | 8.02 | 1.24 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 181 | | mg/kg | 0.802 | 0.128 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.065 | 0.043 | 1 | 10/22/20 07:50 | 10/22/20 10:24 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 10.7 | | mg/kg | 2.00 | 0.194 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 5930 | | mg/kg | 200 | 11.6 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.60 | 0.207 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.802 | 0.227 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 58.6 | J | mg/kg | 160 | 2.53 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.60 | 0.253 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 28.8 | | mg/kg | 0.802 | 0.163 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 37.4 | | mg/kg | 4.01 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 12:39 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 11100 | | mg/kg | 8.14 | 2.20 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.07 | 0.309 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.814 | 0.169 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 128 | | mg/kg | 0.814 | 0.142 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.098 | J | mg/kg | 0.407 | 0.027 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.814 | 0.080 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 872 | | mg/kg | 8.14 | 2.85 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 28.1 | | mg/kg | 0.814 | 0.078 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 14.4 | | mg/kg | 1.63 | 0.135 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 95.1 | | mg/kg | 0.814 | 0.210 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 26100 | | mg/kg | 4.07 | 0.735 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 2.57 | J | mg/kg | 4.07 | 0.218 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 5370 | | mg/kg | 8.14 | 1.25 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 335 | | mg/kg | 0.814 | 0.129 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.067 | 0.044 | 1 | 10/22/20 07:50 | 10/22/20 10:27 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 23.4 | | mg/kg | 2.03 | 0.197 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 8980 | | mg/kg | 203 | 11.7 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.63 | 0.210 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.814 | 0.230 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 104 | J | mg/kg | 163 | 2.56 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.63 | 0.256 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 39.3 | | mg/kg | 0.814 | 0.165 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 55.9 | | mg/kg | 4.07 | 0.238 | 2 | 10/22/20 09:10 | 10/22/20 12:43 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09
Client ID: SB-8 (13')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 12:25
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9680 | | mg/kg | 9.03 | 2.44 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.51 | 0.343 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.903 | 0.188 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 83.3 | | mg/kg | 0.903 | 0.157 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.244 | J | mg/kg | 0.451 | 0.030 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.903 | 0.088 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 777 | | mg/kg | 9.03 | 3.16 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 21.6 | | mg/kg | 0.903 | 0.087 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 12.0 | | mg/kg | 1.80 | 0.150 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 34.2 | | mg/kg | 0.903 | 0.233 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 20400 | | mg/kg | 4.51 | 0.815 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 3.20 | J | mg/kg | 4.51 | 0.242 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4120 | | mg/kg | 9.03 | 1.39 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 430 | | mg/kg | 0.903 | 0.144 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.074 | 0.048 | 1 | 10/22/20 07:50 | 10/22/20 10:30 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 17.8 | | mg/kg | 2.26 | 0.218 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 6450 | | mg/kg | 226 | 13.0 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.80 | 0.233 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.903 | 0.255 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 63.5 | J | mg/kg | 180 | 2.84 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.80 | 0.284 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 28.8 | | mg/kg | 0.903 | 0.183 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 41.6 | | mg/kg | 4.51 | 0.264 | 2 | 10/22/20 09:10 | 10/22/20 12:48 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10
Client ID: SB-7 (7')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 13:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 12200 | | mg/kg | 8.54 | 2.31 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.27 | 0.324 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.854 | 0.178 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 140 | | mg/kg | 0.854 | 0.149 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.282 | J | mg/kg | 0.427 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.854 | 0.084 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 798 | | mg/kg | 8.54 | 2.99 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 30.1 | | mg/kg | 0.854 | 0.082 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 13.6 | | mg/kg | 1.71 | 0.142 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 17.2 | | mg/kg | 0.854 | 0.220 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 22200 | | mg/kg | 4.27 | 0.771 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 4.85 | | mg/kg | 4.27 | 0.229 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 5420 | | mg/kg | 8.54 | 1.32 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 284 | | mg/kg | 0.854 | 0.136 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 10/22/20 07:50 | 10/22/20 10:34 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 24.0 | | mg/kg | 2.14 | 0.207 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 7300 | | mg/kg | 214 | 12.3 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.71 | 0.220 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.854 | 0.242 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 108 | J | mg/kg | 171 | 2.69 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.71 | 0.269 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 36.3 | | mg/kg | 0.854 | 0.173 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 47.5 | | mg/kg | 4.27 | 0.250 | 2 | 10/22/20 09:10 | 10/22/20 12:52 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 12800 | | mg/kg | 9.12 | 2.46 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.56 | 0.347 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.912 | 0.190 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 144 | | mg/kg | 0.912 | 0.159 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.301 | J | mg/kg | 0.456 | 0.030 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.912 | 0.089 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 1950 | | mg/kg | 9.12 | 3.19 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 41.1 | | mg/kg | 0.912 | 0.088 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 15.2 | | mg/kg | 1.82 | 0.151 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 38.6 | | mg/kg | 0.912 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 24200 | | mg/kg | 4.56 | 0.824 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 5.37 | | mg/kg | 4.56 | 0.244 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 6120 | | mg/kg | 9.12 | 1.40 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 436 | | mg/kg | 0.912 | 0.145 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.076 | 0.050 | 1 | 10/22/20 07:50 | 10/22/20 10:37 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 25.8 | | mg/kg | 2.28 | 0.221 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 8440 | | mg/kg | 228 | 13.1 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | 0.420 | J | mg/kg | 1.82 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.912 | 0.258 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 146 | J | mg/kg | 182 | 2.87 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.82 | 0.287 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 39.6 | | mg/kg | 0.912 | 0.185 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 51.6 | | mg/kg | 4.56 | 0.267 | 2 | 10/22/20 09:10 | 10/22/20 12:57 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 16000 | | mg/kg | 9.32 | 2.52 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.66 | 0.354 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.932 | 0.194 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 169 | | mg/kg | 0.932 | 0.162 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.438 | J | mg/kg | 0.466 | 0.031 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.932 | 0.091 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 1540 | | mg/kg | 9.32 | 3.26 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 37.5 | | mg/kg | 0.932 | 0.090 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 20.5 | | mg/kg | 1.86 | 0.155 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 32.9 | | mg/kg | 0.932 | 0.240 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 30900 | | mg/kg | 4.66 | 0.842 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 8.09 | | mg/kg | 4.66 | 0.250 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 6440 | | mg/kg | 9.32 | 1.44 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 623 | | mg/kg | 0.932 | 0.148 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.075 | 0.049 | 1 | 10/22/20 07:50 | 10/22/20 10:47 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 26.8 | | mg/kg | 2.33 | 0.226 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 9940 | | mg/kg | 233 | 13.4 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.86 | 0.240 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.932 | 0.264 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 115 | J | mg/kg | 186 | 2.94 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.86 | 0.294 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 50.5 | | mg/kg | 0.932 | 0.189 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 67.4 | | mg/kg | 4.66 | 0.273 | 2 | 10/22/20 09:10 | 10/22/20 13:01 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 8470 | | mg/kg | 8.59 | 2.32 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.30 | 0.326 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | 0.859 | | mg/kg | 0.859 | 0.179 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 55.4 | | mg/kg | 0.859 | 0.150 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.275 | J | mg/kg | 0.430 | 0.028 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.859 | 0.084 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 712 | | mg/kg | 8.59 | 3.01 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 15.4 | | mg/kg | 0.859 | 0.083 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 6.67 | | mg/kg | 1.72 | 0.143 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 12.9 | | mg/kg | 0.859 | 0.222 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 12700 | | mg/kg | 4.30 | 0.776 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 4.07 | J | mg/kg | 4.30 | 0.230 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 1920 | | mg/kg | 8.59 | 1.32 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 443 | | mg/kg | 0.859 | 0.137 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.071 | 0.046 | 1 | 10/22/20 07:50 | 10/22/20 10:50 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 12.2 | | mg/kg | 2.15 | 0.208 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 1740 | | mg/kg | 215 | 12.4 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.72 | 0.222 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.859 | 0.243 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 143 | J | mg/kg | 172 | 2.71 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.72 | 0.271 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 18.6 | | mg/kg | 0.859 | 0.174 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 21.1 | | mg/kg | 4.30 | 0.252 | 2 | 10/22/20 09:10 | 10/22/20 13:06 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2045623
**Project Number:** 11513:4.2
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 9170 | | mg/kg | 8.30 | 2.24 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 4.15 | 0.315 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Arsenic, Total | ND | | mg/kg | 0.830 | 0.172 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Barium, Total | 108 | | mg/kg | 0.830 | 0.144 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Beryllium, Total | 0.191 | J | mg/kg | 0.415 | 0.027 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.830 | 0.081 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Calcium, Total | 1120 | | mg/kg | 8.30 | 2.90 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Chromium, Total | 44.0 | | mg/kg | 0.830 | 0.080 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Cobalt, Total | 11.0 | | mg/kg | 1.66 | 0.138 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Copper, Total | 23.6 | | mg/kg | 0.830 | 0.214 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Iron, Total | 17500 | | mg/kg | 4.15 | 0.749 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Lead, Total | 3.33 | J | mg/kg | 4.15 | 0.222 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Magnesium, Total | 4420 | | mg/kg | 8.30 | 1.28 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Manganese, Total | 301 | | mg/kg | 0.830 | 0.132 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Mercury, Total | ND | | mg/kg | 0.069 | 0.045 | 1 | 10/22/20 07:50 | 10/22/20 10:53 | EPA 7471B | 1,7471B | EW |
| Nickel, Total | 24.9 | | mg/kg | 2.07 | 0.201 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Potassium, Total | 5000 | | mg/kg | 207 | 11.9 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 1.66 | 0.214 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.830 | 0.235 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Sodium, Total | 151 | J | mg/kg | 166 | 2.61 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 1.66 | 0.261 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Vanadium, Total | 30.6 | | mg/kg | 0.830 | 0.168 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |
| Zinc, Total | 33.2 | | mg/kg | 4.15 | 0.243 | 2 | 10/22/20 09:10 | 10/22/20 13:10 | EPA 3050B | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2045623

**Project Number:** 11513:4.2 **Report Date:** 10/29/20

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1425010-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/kg | 0.083 | 0.054 | 1 | 10/22/20 07:50 | 10/22/20 09:41 | 1,7471B | EW |

**Prep Information**

Digestion Method: EPA 7471B

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1425011-1 | | | | | | | | | | |
| Aluminum, Total | ND | | mg/kg | 4.00 | 1.08 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Antimony, Total | ND | | mg/kg | 2.00 | 0.152 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Arsenic, Total | 0.148 | J | mg/kg | 0.400 | 0.083 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Barium, Total | ND | | mg/kg | 0.400 | 0.070 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Beryllium, Total | ND | | mg/kg | 0.200 | 0.013 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Cadmium, Total | ND | | mg/kg | 0.400 | 0.039 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Calcium, Total | ND | | mg/kg | 4.00 | 1.40 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Chromium, Total | 0.068 | J | mg/kg | 0.400 | 0.038 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Cobalt, Total | ND | | mg/kg | 0.800 | 0.066 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Copper, Total | ND | | mg/kg | 0.400 | 0.103 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Iron, Total | 1.15 | J | mg/kg | 2.00 | 0.361 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Lead, Total | ND | | mg/kg | 2.00 | 0.107 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Magnesium, Total | ND | | mg/kg | 4.00 | 0.616 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Manganese, Total | 0.136 | J | mg/kg | 0.400 | 0.064 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Nickel, Total | ND | | mg/kg | 1.00 | 0.097 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Potassium, Total | ND | | mg/kg | 100 | 5.76 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Selenium, Total | ND | | mg/kg | 0.800 | 0.103 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Silver, Total | ND | | mg/kg | 0.400 | 0.113 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Sodium, Total | ND | | mg/kg | 80.0 | 1.26 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Thallium, Total | ND | | mg/kg | 0.800 | 0.126 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Vanadium, Total | ND | | mg/kg | 0.400 | 0.081 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |
| Zinc, Total | ND | | mg/kg | 2.00 | 0.117 | 1 | 10/22/20 09:10 | 10/22/20 11:37 | 1,6010D | PS |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 3050B

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1425010-2 SRM Lot Number: D109-540 | | | | | | | | |
| Mercury, Total | 78 | | - | | 60-140 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1425011-2 SRM Lot Number: D109-540 | | | | | |
| Aluminum, Total | 68 | - | 50-150 | - | |
| Antimony, Total | 154 | - | 19-250 | - | |
| Arsenic, Total | 100 | - | 70-130 | - | |
| Barium, Total | 92 | - | 75-125 | - | |
| Beryllium, Total | 99 | - | 75-125 | - | |
| Cadmium, Total | 99 | - | 75-125 | - | |
| Calcium, Total | 93 | - | 73-128 | - | |
| Chromium, Total | 96 | - | 70-130 | - | |
| Cobalt, Total | 100 | - | 75-125 | - | |
| Copper, Total | 96 | - | 75-125 | - | |
| Iron, Total | 91 | - | 35-165 | - | |
| Lead, Total | 97 | - | 72-128 | - | |
| Magnesium, Total | 84 | - | 62-138 | - | |
| Manganese, Total | 94 | - | 74-126 | - | |
| Nickel, Total | 99 | - | 70-130 | - | |
| Potassium, Total | 84 | - | 59-141 | - | |
| Selenium, Total | 104 | - | 68-132 | - | |
| Silver, Total | 94 | - | 68-131 | - | |
| Sodium, Total | 99 | - | 35-165 | - | |
| Thallium, Total | 98 | - | 68-131 | - | |
| Vanadium, Total | 96 | - | 59-141 | - | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1425011-2 SRM Lot Number: D109-540 | | | | | |
| Zinc, Total | 97 | - | 70-130 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425010-3 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | | | | | | | |
| Mercury, Total | ND | 0.138 | 0.138 | 100 | | - | - | | 80-120 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425011-3 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | | | | | |
| Aluminum, Total | 7210 | 174 | 7560 | **201** | Q | - | - | 75-125 | - | 20 |
| Antimony, Total | ND | 43.4 | 31.7 | **73** | Q | - | - | 75-125 | - | 20 |
| Arsenic, Total | 0.552J | 10.4 | 8.23 | 79 | | - | - | 75-125 | - | 20 |
| Barium, Total | 50.2 | 174 | 190 | 80 | | - | - | 75-125 | - | 20 |
| Beryllium, Total | 0.246J | 4.34 | 3.74 | 86 | | - | - | 75-125 | - | 20 |
| Cadmium, Total | ND | 4.43 | 3.26 | **74** | Q | - | - | 75-125 | - | 20 |
| Calcium, Total | 538 | 869 | 1260 | 83 | | - | - | 75-125 | - | 20 |
| Chromium, Total | 12.0 | 17.4 | 26.1 | 81 | | - | - | 75-125 | - | 20 |
| Cobalt, Total | 6.15 | 43.4 | 38.6 | 75 | | - | - | 75-125 | - | 20 |
| Copper, Total | 12.5 | 21.7 | 28.8 | 75 | | - | - | 75-125 | - | 20 |
| Iron, Total | 12900 | 86.9 | 14500 | **1840** | Q | - | - | 75-125 | - | 20 |
| Lead, Total | 7.77 | 44.3 | 42.3 | 78 | | - | - | 75-125 | - | 20 |
| Magnesium, Total | 1590 | 869 | 2230 | **74** | Q | - | - | 75-125 | - | 20 |
| Manganese, Total | 510 | 43.4 | 662 | **350** | Q | - | - | 75-125 | - | 20 |
| Nickel, Total | 10.8 | 43.4 | 40.9 | **69** | Q | - | - | 75-125 | - | 20 |
| Potassium, Total | 1540 | 869 | 2420 | 101 | | - | - | 75-125 | - | 20 |
| Selenium, Total | ND | 10.4 | 8.45 | 81 | | - | - | 75-125 | - | 20 |
| Silver, Total | ND | 26.1 | 20.4 | 78 | | - | - | 75-125 | - | 20 |
| Sodium, Total | 57.4J | 869 | 764 | 88 | | - | - | 75-125 | - | 20 |
| Thallium, Total | ND | 10.4 | 7.90 | 76 | | - | - | 75-125 | - | 20 |
| Vanadium, Total | 17.3 | 43.4 | 51.0 | 78 | | - | - | 75-125 | - | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425011-3 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | | | | |
| Zinc, Total | 38.0 | 43.4 | 79.6 | 96 | - | - | 75-125 | - | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

***Lab Number:*** L2045623

***Report Date:*** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425010-4 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | |
| Mercury, Total | ND | ND | mg/kg | NC | | 20 |

# Lab Duplicate Analysis
## *Batch Quality Control*

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

***Lab Number:*** L2045623
***Report Date:*** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425011-4 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | |
| Aluminum, Total | 7210 | 7110 | mg/kg | 1 | 20 |
| Antimony, Total | ND | ND | mg/kg | NC | 20 |
| Arsenic, Total | 0.552J | 0.656J | mg/kg | NC | 20 |
| Barium, Total | 50.2 | 52.0 | mg/kg | 4 | 20 |
| Beryllium, Total | 0.246J | 0.233J | mg/kg | NC | 20 |
| Cadmium, Total | ND | ND | mg/kg | NC | 20 |
| Calcium, Total | 538 | 574 | mg/kg | 6 | 20 |
| Chromium, Total | 12.0 | 11.3 | mg/kg | 6 | 20 |
| Cobalt, Total | 6.15 | 5.67 | mg/kg | 8 | 20 |
| Copper, Total | 12.5 | 11.3 | mg/kg | 10 | 20 |
| Iron, Total | 12900 | 13900 | mg/kg | 7 | 20 |
| Lead, Total | 7.77 | 8.29 | mg/kg | 6 | 20 |
| Magnesium, Total | 1590 | 1440 | mg/kg | 10 | 20 |
| Manganese, Total | 510 | 583 | mg/kg | 13 | 20 |
| Nickel, Total | 10.8 | 10.2 | mg/kg | 6 | 20 |
| Potassium, Total | 1540 | 1560 | mg/kg | 1 | 20 |
| Selenium, Total | ND | ND | mg/kg | NC | 20 |
| Silver, Total | ND | ND | mg/kg | NC | 20 |
| Sodium, Total | 57.4J | 55.4J | mg/kg | NC | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

***Lab Number:*** L2045623

***Report Date:*** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1425011-4 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | |
| Thallium, Total | ND | ND | mg/kg | NC | 20 |
| Vanadium, Total | 17.3 | 15.6 | mg/kg | 10 | 20 |
| Zinc, Total | 38.0 | 44.1 | mg/kg | 15 | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-01
Client ID: SB-11 (7')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 09:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 91.2 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.22 | 1 | 10/22/20 10:30 | 10/22/20 14:00 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-02
Client ID: SB-12 (8')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 09:55
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.9 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.22 | 1 | 10/22/20 10:30 | 10/22/20 13:15 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-03
Client ID: SB-13 (7')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/21/20 10:20
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 93.2 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 0.98 | 0.21 | 1 | 10/22/20 10:30 | 10/22/20 13:16 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-04
Client ID: SB-13 (12')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 10:30
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 85.2 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 10/22/20 10:30 | 10/22/20 13:17 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-05
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:00
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 87.8 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/22/20 10:30 | 10/22/20 13:18 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-06
Client ID: SB-9 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/21/20 11:40
Date Received: 10/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 85.0 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/22/20 10:30 | 10/22/20 13:19 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-07
Client ID: SB-9 (14')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 11:50
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 95.9 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.0 | 0.21 | 1 | 10/22/20 10:30 | 10/22/20 13:20 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-08
Client ID: SB-8 (9')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 12:15
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 96.0 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 0.95 | 0.20 | 1 | 10/22/20 10:30 | 10/22/20 13:21 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-09
Client ID: SB-8 (13')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 12:25
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 84.7 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 10/22/20 10:30 | 10/22/20 14:01 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-10
Client ID: SB-7 (7')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 13:00
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 88.7 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.24 | 1 | 10/22/20 10:30 | 10/22/20 13:50 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-11
Client ID: SB-7 (10')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 13:10
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 82.4 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.2 | 0.25 | 1 | 10/22/20 10:30 | 10/22/20 13:51 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-12
Client ID: SB-6 (8')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/21/20 13:20
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 83.6 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/22/20 10:30 | 10/22/20 13:52 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-13
Client ID: SB-5 (8')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/21/20 14:40
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 90.2 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.23 | 1 | 10/22/20 10:30 | 10/22/20 13:53 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

## SAMPLE RESULTS

Lab ID: L2045623-14
Client ID: SB-5 (13')
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/21/20 14:50
Date Received: 10/21/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Solids, Total | 91.1 | | % | 0.100 | NA | 1 | - | 10/22/20 05:26 | 121,2540G | PR |
| Cyanide, Total | ND | | mg/kg | 1.1 | 0.22 | 1 | 10/22/20 10:30 | 10/22/20 13:54 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2045623
**Report Date:** 10/29/20

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1425107-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.86 | 0.18 | 1 | 10/22/20 10:30 | 10/22/20 12:35 | 1,9010C/9012B | CR |
| General Chemistry - Westborough Lab for sample(s): 08-14 Batch: WG1425108-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/kg | 0.86 | 0.18 | 1 | 10/22/20 10:30 | 10/22/20 13:56 | 1,9010C/9012B | CR |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2045623

**Report Date:** 10/29/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1425107-2 WG1425107-3 | | | | | | | | |
| Cyanide, Total | **78** | Q | **78** | Q | 80-120 | 0 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 08-14 Batch: WG1425108-2 WG1425108-3 | | | | | | | | |
| Cyanide, Total | **76** | Q | **79** | Q | 80-120 | 13 | | 35 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1425107-4 WG1425107-5 QC Sample: L2045407-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | 0.29J | 12 | 11 | 91 | | 12 | 94 | | 75-125 | 9 | | 35 |
| General Chemistry - Westborough Lab Associated sample(s): 08-14 QC Batch ID: WG1425108-4 WG1425108-5 QC Sample: L2045623-08 Client ID: SB-8 (9') | | | | | | | | | | | | |
| Cyanide, Total | ND | 9.5 | 9.2 | 97 | | 9.0 | 94 | | 75-125 | 2 | | 35 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

***Lab Number:*** L2045623

***Report Date:*** 10/29/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1424982-1 QC Sample: L2045623-01 Client ID: SB-11 (7') | | | | | | |
| Solids, Total | 91.2 | 90.6 | % | 1 | | 20 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-01A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-01B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-01C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-01D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-01E | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-01F | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-01G | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180) |
| L2045623-01H | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-01X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-01Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-01Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-02A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-02B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-02C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-02D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-02E | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-02F | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-02G | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-02X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-02Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-02Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-03A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-03B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-03C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-03D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-03E | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-03F | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180) |
| L2045623-03G | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-03X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-03Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-03Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-04A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-04B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-04C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-04D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-04E | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-04F | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180) |
| L2045623-04G | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-04X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |



*Values in parentheses indicate holding time in days

***Container Information***

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-04Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-04Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-05A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-05B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-05C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-05D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-05E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180) |
| L2045623-05F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-05X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-05Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-05Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-06A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-06B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-06C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-06D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-06E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180) |
| L2045623-06F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-06X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-06Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-06Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-07A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-07B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-07C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-07D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-07E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180) |
| L2045623-07F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-07X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-07Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-07Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-08A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-08B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-08C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-08D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-08E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180) |
| L2045623-08F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-08X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-08Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-08Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-09A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-09B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-09C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-09D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-09E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180) |



*Values in parentheses indicate holding time in days

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-09F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-09X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-09Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-09Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-10A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-10B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-10C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-10D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-10E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180) |
| L2045623-10F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-10X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-10Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-10Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-11A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-11B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-11C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-11D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-11E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180) |
| L2045623-11F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-11X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-11Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-11Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |



*Values in parentheses indicate holding time in days

***Container Information***

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-12A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-12B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-12C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-12D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-12E | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180) |
| L2045623-12F | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-12X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-12Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-12Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-13A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-13B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-13C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-13D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |
| L2045623-13E | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-13F | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180) |
| L2045623-13G | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-13X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-13Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-13Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-14A | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-14B | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-14C | 5 gram Encore Sampler | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-14D | Plastic 2oz unpreserved for TS | A | NA | | 3.8 | Y | Absent | | TS(7) |



*Values in parentheses indicate holding time in days

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2045623-14E | Plastic 8oz unpreserved | A | NA | | 3.8 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2045623-14F | Metals Only-Glass 60mL/2oz unpreserved | A | NA | | 3.8 | Y | Absent | | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2045623-14G | Glass 250ml/8oz unpreserved | A | NA | | 3.8 | Y | Absent | | TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14) |
| L2045623-14X | Vial MeOH preserved split | A | NA | | 3.8 | Y | Absent | | NYTCL-8260HLW(14) |
| L2045623-14Y | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |
| L2045623-14Z | Vial Water preserved split | A | NA | | 3.8 | Y | Absent | 22-OCT-20 04:02 | NYTCL-8260HLW(14) |



*Values in parentheses indicate holding time in days

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2045623
**Report Date:** 10/29/20

## PFAS PARAMETER SUMMARY

| Parameter | Acronym | CAS Number |
|---|---|---|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs) | | |
| Perfluorooctadecanoic Acid | PFODA | 16517-11-6 |
| Perfluorohexadecanoic Acid | PFHxDA | 67905-19-5 |
| Perfluorotetradecanoic Acid | PFTA | 376-06-7 |
| Perfluorotridecanoic Acid | PFTrDA | 72629-94-8 |
| Perfluorododecanoic Acid | PFDoA | 307-55-1 |
| Perfluoroundecanoic Acid | PFUnA | 2058-94-8 |
| Perfluorodecanoic Acid | PFDA | 335-76-2 |
| Perfluorononanoic Acid | PFNA | 375-95-1 |
| Perfluorooctanoic Acid | PFOA | 335-67-1 |
| Perfluoroheptanoic Acid | PFHpA | 375-85-9 |
| Perfluorohexanoic Acid | PFHxA | 307-24-4 |
| Perfluoropentanoic Acid | PFPeA | 2706-90-3 |
| Perfluorobutanoic Acid | PFBA | 375-22-4 |
| PERFLUOROALKYL SULFONIC ACIDS (PFSAs) | | |
| Perfluorododecanesulfonic Acid | PFDoDS | 79780-39-5 |
| Perfluorodecanesulfonic Acid | PFDS | 335-77-3 |
| Perfluorononanesulfonic Acid | PFNS | 68259-12-1 |
| Perfluorooctanesulfonic Acid | PFOS | 1763-23-1 |
| Perfluoroheptanesulfonic Acid | PFHpS | 375-92-8 |
| Perfluorohexanesulfonic Acid | PFHxS | 355-46-4 |
| Perfluoropentanesulfonic Acid | PFPeS | 2706-91-4 |
| Perfluorobutanesulfonic Acid | PFBS | 375-73-5 |
| FLUOROTELOMERS | | |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid | 10:2FTS | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid | 8:2FTS | 39108-34-4 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid | 6:2FTS | 27619-97-2 |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid | 4:2FTS | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs) | | |
| Perfluorooctanesulfonamide | FOSA | 754-91-6 |
| N-Ethyl Perfluorooctane Sulfonamide | NEtFOSA | 4151-50-2 |
| N-Methyl Perfluorooctane Sulfonamide | NMeFOSA | 31506-32-8 |
| PERFLUOROALKANE SULFONYL SUBSTANCES | | |
| N-Ethyl Perfluorooctanesulfonamido Ethanol | NEtFOSE | 1691-99-2 |
| N-Methyl Perfluorooctanesulfonamido Ethanol | NMeFOSE | 24448-09-7 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid | NEtFOSAA | 2991-50-6 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid | NMeFOSAA | 2355-31-9 |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS | | |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA | 13252-13-6 |
| 4,8-Dioxa-3h-Perfluorononanoic Acid | ADONA | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid | 9Cl-PF3ONS | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs) | | |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid | PFEESA | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs) | | |
| Perfluoro-3-Methoxypropanoic Acid | PFMPA | 377-73-1 |
| Perfluoro-4-Methoxybutanoic Acid | PFMBA | 863090-89-5 |
| Nonafluoro-3,6-Dioxaheptanoic Acid | NFDHA | 151772-58-6 |

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

***Data Qualifiers***

the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2045623 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 10/29/20 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270D:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**EPA TO-12** Non-methane organics
**EPA 3C** Fixed gases
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 332**: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

**NEW YORK CHAIN OF CUSTODY**

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 10/21/20

ALPHA Job #: L2045623

**Client Information**
Client: SESJ
Address: 94 Maple Ave, Pine Brook, NJ
Phone: 973-808-9050
Fax:
Email: AA@SESJ.ORG

**Project Information**
Project Name: 8 Westchester Place
Project Location: New Rochelle, NY
Project #: 11513.42
(Use Project name as Project #) ☐
Project Manager: Andrew Allen
ALPHAQuote #:

**Turn-Around Time**
Standard ☐ Due Date:
Rush (only if pre approved) ☒ 24 hr # of Days:

**Deliverables**
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

**Regulatory Requirement**
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

**Billing Information**
☐ Same as Client Info
PO #

**Disposal Site Information**
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

**ANALYSIS**

**Sample Filtration**
☐ Done
☐ Lab to do
*Preservation*
☐ Lab to do
*(Please Specify below)*

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL TAL+3D | 1,4 Dioxane & PFAs | Total Bottle | Sample Specific Comments |
|---|---|---|---|---|---|---|---|---|---|
| 45623-01 | SB-11 (7') | 10-21-20 | 9:00 | Soil | JRW | X | X | | |
| -02 | SB-12 (8') | | 9:55 | | | X | X | | |
| -03 | SB-13 (7') | | 10:20 | | | X | X | | |
| -04 | SB-13 (12') | | 10:30 | | | X | X | | |
| -05 | SB-10 (6') | | 11:00 | | | X | | | |
| -06 | SB-9 (8') | | 11:40 | | | X | | | |
| -07 | SB-9 (14') | | 11:50 | | | X | | | |
| -08 | SB-8 (9') | | 12:15 | | | X | | | |
| -09 | SB-8 (13') | | 12:25 | | | X | | | |
| -10 | SB-7 (7') | | 13:00 | | | X | | | |

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| John Norgard | 10-21-20 | RDR ATL | 10/21/20 1430 |
| RDR ATL | 10/21/20 1600 | | 10/21/20 1646 |
| | 10/21/20 2145 | | 10/21/20 2145 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 10/21/20

ALPHA Job #: L2045623

## Client Information
Client: SESI
Address: 170 Maple Ave
Pine Brook, NJ
Phone: 973-808-9050
Fax:
Email: AAC@SESI.ORG

## Project Information
Project Name: 8 Westchester Place
Project Location: New Rochelle, NY
Project #: 11513.4.2
(Use Project name as Project #) ☐
Project Manager: Andrew Allen
ALPHAQuote #:

## Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ 24 hr # of Days:

## Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

## Billing Information
☐ Same as Client Info
PO #

## Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

## ANALYSIS
TAL/TAL +20
1-4 Dioxane & PFAS

**Sample Filtration**
☐ Done
☐ Lab to do
***Preservation***
☐ Lab to do
***(Please Specify below)***

Total Bottle

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TAL/TAL +20 | 1-4 Dioxane & PFAS | Sample Specific Comments |
|---|---|---|---|---|---|---|---|---|
| 45623-11 | SB-7 (10') | 10-21-20 | 13:10 | Soil | JRN | X | | |
| -12 | SB-6 (8') | | 13:20 | | | X | | |
| -13 | SB-5 (8') | | 14:40 | | | X | X | |
| -14 | SB-5 (13') | | 14:50 | | | X | X | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| John Negard | 10-21-20 | RB/R AAC | 10/21/20 1450 |
| RB/R AAC | 10/21/20 1600 | | 10/21/20 1600 |
| | 10/21/20 2145 | | 10/21/20 2145 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

# ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2046754 |
| Client: | Soils Engineering Services, Inc.<br>12A Maple Avenue<br>Pine Brook, NJ 07058 |
| ATTN: | Andrew Allen |
| Phone: | (973) 808-9050 |
| Project Name: | 8 WESTCHESTER PLACE |
| Project Number: | 11513:4.2 |
| Report Date: | 11/03/20 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2046754-01 | MW-4D | WATER | NEW ROCHELLE, NY | 10/27/20 10:10 | 10/27/20 |
| L2046754-02 | MW-2D | WATER | NEW ROCHELLE, NY | 10/27/20 11:30 | 10/27/20 |
| L2046754-03 | FIELD BLANK | FIELD BLANK | NEW ROCHELLE, NY | 10/27/20 09:45 | 10/27/20 |
| L2046754-04 | TRIP BLANK | TRIP BLANK (AQUEOUS) | NEW ROCHELLE, NY | 10/27/20 00:00 | 10/27/20 |

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

**Case Narrative (continued)**

Report Submission

November 03, 2020: This final report includes the results of all requested analyses.

October 30, 2020: This is a preliminary report.

October 28, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2046754-01: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

L2046754-01: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Semivolatile Organics

The WG1426909-2/-3 LCS/LCSD recoveries, associated with L2046754-01 through -03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2046754-03: The Field Blank has results for aluminum and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1427410-3 MS recovery, performed on L2046754-01, is outside the acceptance criteria for aluminum (161%). A post digestion spike was performed and yielded an unacceptable recovery of 196%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

**Case Narrative (continued)**

The WG1427410-3 MS recovery for iron (160%), performed on L2046754-01, does not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 11/03/20

# ORGANICS

# VOLATILES

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 D
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/28/20 10:27
Analyst: NLK

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,1-Dichloroethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Chloroform | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Carbon tetrachloride | ND | | ug/l | 1.2 | 0.34 | 2.5 |
| 1,2-Dichloropropane | ND | | ug/l | 2.5 | 0.34 | 2.5 |
| Dibromochloromethane | ND | | ug/l | 1.2 | 0.37 | 2.5 |
| 1,1,2-Trichloroethane | ND | | ug/l | 3.8 | 1.2 | 2.5 |
| Tetrachloroethene | ND | | ug/l | 1.2 | 0.45 | 2.5 |
| Chlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Trichlorofluoromethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2-Dichloroethane | ND | | ug/l | 1.2 | 0.33 | 2.5 |
| 1,1,1-Trichloroethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Bromodichloromethane | ND | | ug/l | 1.2 | 0.48 | 2.5 |
| trans-1,3-Dichloropropene | ND | | ug/l | 1.2 | 0.41 | 2.5 |
| cis-1,3-Dichloropropene | ND | | ug/l | 1.2 | 0.36 | 2.5 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 1.2 | 0.36 | 2.5 |
| 1,1-Dichloropropene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Bromoform | ND | | ug/l | 5.0 | 1.6 | 2.5 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 1.2 | 0.42 | 2.5 |
| Benzene | 340 | | ug/l | 1.2 | 0.40 | 2.5 |
| Toluene | 14 | | ug/l | 6.2 | 1.8 | 2.5 |
| Ethylbenzene | 200 | | ug/l | 6.2 | 1.8 | 2.5 |
| Chloromethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Bromomethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Vinyl chloride | ND | | ug/l | 2.5 | 0.18 | 2.5 |
| Chloroethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,1-Dichloroethene | ND | | ug/l | 1.2 | 0.42 | 2.5 |
| trans-1,2-Dichloroethene | ND | | ug/l | 6.2 | 1.8 | 2.5 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 D
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 1.2 | 0.44 | 2.5 |
| 1,2-Dichlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,3-Dichlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,4-Dichlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Methyl tert butyl ether | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| p/m-Xylene | 160 | | ug/l | 6.2 | 1.8 | 2.5 |
| o-Xylene | 4.0 | J | ug/l | 6.2 | 1.8 | 2.5 |
| Xylenes, Total | 160 | J | ug/l | 6.2 | 1.8 | 2.5 |
| cis-1,2-Dichloroethene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Dibromomethane | ND | | ug/l | 12 | 2.5 | 2.5 |
| 1,2,3-Trichloropropane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Acrylonitrile | ND | | ug/l | 12 | 3.8 | 2.5 |
| Styrene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Dichlorodifluoromethane | ND | | ug/l | 12 | 2.5 | 2.5 |
| Acetone | 18 | | ug/l | 12 | 3.6 | 2.5 |
| Carbon disulfide | ND | | ug/l | 12 | 2.5 | 2.5 |
| 2-Butanone | ND | | ug/l | 12 | 4.8 | 2.5 |
| Vinyl acetate | ND | | ug/l | 12 | 2.5 | 2.5 |
| 4-Methyl-2-pentanone | ND | | ug/l | 12 | 2.5 | 2.5 |
| 2-Hexanone | ND | | ug/l | 12 | 2.5 | 2.5 |
| Bromochloromethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 2,2-Dichloropropane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2-Dibromoethane | ND | | ug/l | 5.0 | 1.6 | 2.5 |
| 1,3-Dichloropropane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Bromobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| n-Butylbenzene | 5.3 | J | ug/l | 6.2 | 1.8 | 2.5 |
| sec-Butylbenzene | 5.2 | J | ug/l | 6.2 | 1.8 | 2.5 |
| tert-Butylbenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| o-Chlorotoluene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| p-Chlorotoluene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Hexachlorobutadiene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| Isopropylbenzene | 38 | | ug/l | 6.2 | 1.8 | 2.5 |
| p-Isopropyltoluene | 4.6 | J | ug/l | 6.2 | 1.8 | 2.5 |
| Naphthalene | 69 | | ug/l | 6.2 | 1.8 | 2.5 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 D Date Collected: 10/27/20 10:10
Client ID: MW-4D Date Received: 10/27/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | 66 | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,3,5-Trimethylbenzene | 10 | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,2,4-Trimethylbenzene | 67 | | ug/l | 6.2 | 1.8 | 2.5 |
| 1,4-Dioxane | ND | | ug/l | 620 | 150 | 2.5 |
| p-Diethylbenzene | 7.4 | | ug/l | 5.0 | 1.8 | 2.5 |
| p-Ethyltoluene | 29 | | ug/l | 5.0 | 1.8 | 2.5 |
| 1,2,4,5-Tetramethylbenzene | 23 | | ug/l | 5.0 | 1.4 | 2.5 |
| Ethyl ether | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 6.2 | 1.8 | 2.5 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 819 | J | ug/l | | | 2.5 |
| Cyclohexane, methyl- | 59.9 | NJ | ug/l | | | 2.5 |
| Unknown Aromatic | 28.0 | J | ug/l | | | 2.5 |
| Unknown Benzene | 34.1 | J | ug/l | | | 2.5 |
| Indane | 188 | NJ | ug/l | | | 2.5 |
| Unknown Benzene | 38.1 | J | ug/l | | | 2.5 |
| Pentane | 23.4 | NJ | ug/l | | | 2.5 |
| Unknown Aromatic | 73.6 | J | ug/l | | | 2.5 |
| Unknown Aromatic | 36.5 | J | ug/l | | | 2.5 |
| Butane, 2-Methyl- | 54.0 | NJ | ug/l | | | 2.5 |
| Cyclopentane, Methyl- | 74.7 | NJ | ug/l | | | 2.5 |
| Unknown | 31.9 | J | ug/l | | | 2.5 |
| Unknown Aromatic | 28.7 | J | ug/l | | | 2.5 |
| Unknown | 68.6 | J | ug/l | | | 2.5 |
| n-Hexane | 25.2 | NJ | ug/l | | | 2.5 |
| Pentane, 2-methyl- | 54.3 | NJ | ug/l | | | 2.5 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-01 D
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97 | | 70-130 |
| Toluene-d8 | 97 | | 70-130 |
| 4-Bromofluorobenzene | 93 | | 70-130 |
| Dibromofluoromethane | 88 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/28/20 10:03
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | 2.1 | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | 1.5 | J | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | 1.0 | J | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | 1.0 | J | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | 1.0 | J | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 1.34 | J | ug/l | | | 1 |
| Unknown Alkene | 1.34 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45
Client ID: FIELD BLANK Date Received: 10/27/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260C
Analytical Date: 10/28/20 09:38
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| No Tentatively Identified Compounds | ND | | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 93 | | 70-130 |
| Toluene-d8 | 96 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 70-130 |
| Dibromofluoromethane | 98 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-04 Date Collected: 10/27/20 00:00
Client ID: TRIP BLANK Date Received: 10/27/20
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260C
Analytical Date: 10/28/20 09:13
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 | 1 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 | 1 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 | 1 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 | 1 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-04 Date Collected: 10/27/20 00:00

Client ID: TRIP BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 | 1 |
| Styrene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 | 1 |
| Acetone | ND | | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 | 1 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-04 Date Collected: 10/27/20 00:00

Client ID: TRIP BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Volatile Organics by GC/MS - Westborough Lab** | | | | | | |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 | 1 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 | 1 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 | 1 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 | 1 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 1.36 | J | ug/l | | | 1 |
| Unknown | 1.36 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 91 | | 70-130 |
| Toluene-d8 | 95 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 08:49
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1427536-5 | | | | | |
| Methylene chloride | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Chloroform | ND | | ug/l | 2.5 | 0.70 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 |
| 1,2-Dichloropropane | ND | | ug/l | 1.0 | 0.14 |
| Dibromochloromethane | ND | | ug/l | 0.50 | 0.15 |
| 1,1,2-Trichloroethane | ND | | ug/l | 1.5 | 0.50 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 |
| Chlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Trichlorofluoromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 |
| 1,1,1-Trichloroethane | ND | | ug/l | 2.5 | 0.70 |
| Bromodichloromethane | ND | | ug/l | 0.50 | 0.19 |
| trans-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.16 |
| cis-1,3-Dichloropropene | ND | | ug/l | 0.50 | 0.14 |
| 1,3-Dichloropropene, Total | ND | | ug/l | 0.50 | 0.14 |
| 1,1-Dichloropropene | ND | | ug/l | 2.5 | 0.70 |
| Bromoform | ND | | ug/l | 2.0 | 0.65 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/l | 0.50 | 0.17 |
| Benzene | ND | | ug/l | 0.50 | 0.16 |
| Toluene | ND | | ug/l | 2.5 | 0.70 |
| Ethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| Chloromethane | ND | | ug/l | 2.5 | 0.70 |
| Bromomethane | ND | | ug/l | 2.5 | 0.70 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 |
| Chloroethane | ND | | ug/l | 2.5 | 0.70 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 |
| trans-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 08:49
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1427536-5 | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl tert butyl ether | ND | | ug/l | 2.5 | 0.70 |
| p/m-Xylene | ND | | ug/l | 2.5 | 0.70 |
| o-Xylene | ND | | ug/l | 2.5 | 0.70 |
| Xylenes, Total | ND | | ug/l | 2.5 | 0.70 |
| cis-1,2-Dichloroethene | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dichloroethene, Total | ND | | ug/l | 2.5 | 0.70 |
| Dibromomethane | ND | | ug/l | 5.0 | 1.0 |
| 1,2,3-Trichloropropane | ND | | ug/l | 2.5 | 0.70 |
| Acrylonitrile | ND | | ug/l | 5.0 | 1.5 |
| Styrene | ND | | ug/l | 2.5 | 0.70 |
| Dichlorodifluoromethane | ND | | ug/l | 5.0 | 1.0 |
| Acetone | ND | | ug/l | 5.0 | 1.5 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 |
| Vinyl acetate | ND | | ug/l | 5.0 | 1.0 |
| 4-Methyl-2-pentanone | ND | | ug/l | 5.0 | 1.0 |
| 2-Hexanone | ND | | ug/l | 5.0 | 1.0 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 2,2-Dichloropropane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,3-Dichloropropane | ND | | ug/l | 2.5 | 0.70 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/l | 2.5 | 0.70 |
| Bromobenzene | ND | | ug/l | 2.5 | 0.70 |
| n-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |
| sec-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |
| tert-Butylbenzene | ND | | ug/l | 2.5 | 0.70 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 08:49
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1427536-5 | | | | | |
| o-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 |
| p-Chlorotoluene | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| p-Isopropyltoluene | ND | | ug/l | 2.5 | 0.70 |
| Naphthalene | ND | | ug/l | 2.5 | 0.70 |
| n-Propylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,3,5-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trimethylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| p-Diethylbenzene | ND | | ug/l | 2.0 | 0.70 |
| p-Ethyltoluene | ND | | ug/l | 2.0 | 0.70 |
| 1,2,4,5-Tetramethylbenzene | ND | | ug/l | 2.0 | 0.54 |
| Ethyl ether | ND | | ug/l | 2.5 | 0.70 |
| trans-1,4-Dichloro-2-butene | ND | | ug/l | 2.5 | 0.70 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 1.58 | J | ug/l |
| Unknown | 1.58 | J | ug/l |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/28/20 08:49
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1427536-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 96 | | 70-130 |
| Toluene-d8 | 93 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 70-130 |
| Dibromofluoromethane | 99 | | 70-130 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1427536-3 WG1427536-4 | | | | | | | | |
| Methylene chloride | 110 | | 100 | | 70-130 | 10 | | 20 |
| 1,1-Dichloroethane | 110 | | 100 | | 70-130 | 10 | | 20 |
| Chloroform | 110 | | 110 | | 70-130 | 0 | | 20 |
| Carbon tetrachloride | 120 | | 110 | | 63-132 | 9 | | 20 |
| 1,2-Dichloropropane | 100 | | 100 | | 70-130 | 0 | | 20 |
| Dibromochloromethane | 100 | | 99 | | 63-130 | 1 | | 20 |
| 1,1,2-Trichloroethane | 93 | | 95 | | 70-130 | 2 | | 20 |
| Tetrachloroethene | 100 | | 98 | | 70-130 | 2 | | 20 |
| Chlorobenzene | 97 | | 96 | | 75-130 | 1 | | 20 |
| Trichlorofluoromethane | 110 | | 100 | | 62-150 | 10 | | 20 |
| 1,2-Dichloroethane | 110 | | 100 | | 70-130 | 10 | | 20 |
| 1,1,1-Trichloroethane | 110 | | 100 | | 67-130 | 10 | | 20 |
| Bromodichloromethane | 110 | | 110 | | 67-130 | 0 | | 20 |
| trans-1,3-Dichloropropene | 93 | | 91 | | 70-130 | 2 | | 20 |
| cis-1,3-Dichloropropene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,1-Dichloropropene | 100 | | 98 | | 70-130 | 2 | | 20 |
| Bromoform | 100 | | 100 | | 54-136 | 0 | | 20 |
| 1,1,2,2-Tetrachloroethane | 88 | | 89 | | 67-130 | 1 | | 20 |
| Benzene | 110 | | 100 | | 70-130 | 10 | | 20 |
| Toluene | 98 | | 96 | | 70-130 | 2 | | 20 |
| Ethylbenzene | 98 | | 95 | | 70-130 | 3 | | 20 |
| Chloromethane | 100 | | 100 | | 64-130 | 0 | | 20 |
| Bromomethane | 120 | | 110 | | 39-139 | 9 | | 20 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1427536-3 WG1427536-4 | | | | | | | | |
| Vinyl chloride | 120 | | 110 | | 55-140 | 9 | | 20 |
| Chloroethane | **150** | Q | **140** | Q | 55-138 | 7 | | 20 |
| 1,1-Dichloroethene | 110 | | 98 | | 61-145 | 12 | | 20 |
| trans-1,2-Dichloroethene | 110 | | 100 | | 70-130 | 10 | | 20 |
| Trichloroethene | 110 | | 110 | | 70-130 | 0 | | 20 |
| 1,2-Dichlorobenzene | 95 | | 97 | | 70-130 | 2 | | 20 |
| 1,3-Dichlorobenzene | 100 | | 99 | | 70-130 | 1 | | 20 |
| 1,4-Dichlorobenzene | 96 | | 98 | | 70-130 | 2 | | 20 |
| Methyl tert butyl ether | 100 | | 100 | | 63-130 | 0 | | 20 |
| p/m-Xylene | 100 | | 95 | | 70-130 | 5 | | 20 |
| o-Xylene | 95 | | 95 | | 70-130 | 0 | | 20 |
| cis-1,2-Dichloroethene | 110 | | 100 | | 70-130 | 10 | | 20 |
| Dibromomethane | 110 | | 110 | | 70-130 | 0 | | 20 |
| 1,2,3-Trichloropropane | 84 | | 88 | | 64-130 | 5 | | 20 |
| Acrylonitrile | 100 | | 100 | | 70-130 | 0 | | 20 |
| Styrene | 95 | | 95 | | 70-130 | 0 | | 20 |
| Dichlorodifluoromethane | 91 | | 82 | | 36-147 | 10 | | 20 |
| Acetone | 110 | | 110 | | 58-148 | 0 | | 20 |
| Carbon disulfide | 110 | | 99 | | 51-130 | 11 | | 20 |
| 2-Butanone | 110 | | 110 | | 63-138 | 0 | | 20 |
| Vinyl acetate | 110 | | 100 | | 70-130 | 10 | | 20 |
| 4-Methyl-2-pentanone | 88 | | 90 | | 59-130 | 2 | | 20 |
| 2-Hexanone | 82 | | 86 | | 57-130 | 5 | | 20 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1427536-3 WG1427536-4 | | | | | | | | |
| Bromochloromethane | 120 | | 110 | | 70-130 | 9 | | 20 |
| 2,2-Dichloropropane | 120 | | 110 | | 63-133 | 9 | | 20 |
| 1,2-Dibromoethane | 94 | | 92 | | 70-130 | 2 | | 20 |
| 1,3-Dichloropropane | 92 | | 93 | | 70-130 | 1 | | 20 |
| 1,1,1,2-Tetrachloroethane | 97 | | 96 | | 64-130 | 1 | | 20 |
| Bromobenzene | 96 | | 97 | | 70-130 | 1 | | 20 |
| n-Butylbenzene | 95 | | 94 | | 53-136 | 1 | | 20 |
| sec-Butylbenzene | 93 | | 92 | | 70-130 | 1 | | 20 |
| tert-Butylbenzene | 95 | | 93 | | 70-130 | 2 | | 20 |
| o-Chlorotoluene | 93 | | 93 | | 70-130 | 0 | | 20 |
| p-Chlorotoluene | 93 | | 92 | | 70-130 | 1 | | 20 |
| 1,2-Dibromo-3-chloropropane | 86 | | 85 | | 41-144 | 1 | | 20 |
| Hexachlorobutadiene | 100 | | 100 | | 63-130 | 0 | | 20 |
| Isopropylbenzene | 96 | | 95 | | 70-130 | 1 | | 20 |
| p-Isopropyltoluene | 120 | | 110 | | 70-130 | 9 | | 20 |
| Naphthalene | 88 | | 89 | | 70-130 | 1 | | 20 |
| n-Propylbenzene | 95 | | 93 | | 69-130 | 2 | | 20 |
| 1,2,3-Trichlorobenzene | 90 | | 96 | | 70-130 | 6 | | 20 |
| 1,2,4-Trichlorobenzene | 94 | | 95 | | 70-130 | 1 | | 20 |
| 1,3,5-Trimethylbenzene | 92 | | 91 | | 64-130 | 1 | | 20 |
| 1,2,4-Trimethylbenzene | 94 | | 93 | | 70-130 | 1 | | 20 |
| 1,4-Dioxane | 84 | | 82 | | 56-162 | 2 | | 20 |
| p-Diethylbenzene | 95 | | 92 | | 70-130 | 3 | | 20 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1427536-3 WG1427536-4 | | | | | | | | |
| p-Ethyltoluene | 94 | | 94 | | 70-130 | 0 | | 20 |
| 1,2,4,5-Tetramethylbenzene | 92 | | 91 | | 70-130 | 1 | | 20 |
| Ethyl ether | 100 | | 97 | | 59-134 | 3 | | 20 |
| trans-1,4-Dichloro-2-butene | 90 | | 89 | | 70-130 | 1 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 94 | | 93 | | 70-130 |
| Toluene-d8 | 90 | | 88 | | 70-130 |
| 4-Bromofluorobenzene | 92 | | 90 | | 70-130 |
| Dibromofluoromethane | 100 | | 98 | | 70-130 |

# SEMIVOLATILES

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/28/20 08:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | 1.5 | J | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | 3.8 | J | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | 1.6 | J | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | 1.1 | J | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 Date Collected: 10/27/20 10:10

Client ID: MW-4D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | 0.72 | J | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | 3.6 | J | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | 1.4 | J | ug/l | 2.0 | 0.49 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 Date Collected: 10/27/20 10:10

Client ID: MW-4D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 690 | J | ug/l | | | 1 |
| Benzene, Propyl- | 46.1 | NJ | ug/l | | | 1 |
| Unknown Benzene | 18.6 | J | ug/l | | | 1 |
| Unknown | 14.9 | J | ug/l | | | 1 |
| Unknown | 44.0 | J | ug/l | | | 1 |
| Indane | 119 | NJ | ug/l | | | 1 |
| Unknown Benzene | 27.1 | J | ug/l | | | 1 |
| Unknown | 19.8 | J | ug/l | | | 1 |
| Unknown | 21.4 | J | ug/l | | | 1 |
| Unknown Benzene | 148 | J | ug/l | | | 1 |
| Unknown Benzene | 20.7 | J | ug/l | | | 1 |
| Unknown Benzene | 30.9 | J | ug/l | | | 1 |
| Unknown Benzene | 64.9 | J | ug/l | | | 1 |
| Naphthalene, 2-methyl- | 61.8 | NJ | ug/l | | | 1 |
| Naphthalene, 1-methyl- | 32.0 | NJ | ug/l | | | 1 |
| Unknown | 20.6 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 63 | | 21-120 |
| Phenol-d6 | 61 | | 10-120 |
| Nitrobenzene-d5 | 79 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 73 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/28/20 09:37
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:42

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | 0.89 | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.03 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 46 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | 0.14 | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 1.7 | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 1.6 | | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.06 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 46 | | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-01 Date Collected: 10/27/20 10:10

Client ID: MW-4D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 55 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 76 | | 23-120 |
| 2-Fluorobiphenyl | 82 | | 15-120 |
| 2,4,6-Tribromophenol | 90 | | 10-120 |
| 4-Terphenyl-d14 | 101 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/30/20 10:01
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/29/20 04:30

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | | | | | | |
| 1,4-Dioxane | 74.8 | J | ng/l | 144 | 32.6 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 61 | | 15-110 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/31/20 00:10
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 4.15 | | ng/l | 1.94 | 0.395 | 1 |
| Perfluoropentanoic Acid (PFPeA) | 6.05 | | ng/l | 1.94 | 0.384 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | 9.11 | F | ng/l | 1.94 | 0.231 | 1 |
| Perfluorohexanoic Acid (PFHxA) | 3.61 | | ng/l | 1.94 | 0.318 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | 1.65 | J | ng/l | 1.94 | 0.218 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | 0.624 | J | ng/l | 1.94 | 0.364 | 1 |
| Perfluorooctanoic Acid (PFOA) | 5.25 | | ng/l | 1.94 | 0.229 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | 7.44 | | ng/l | 1.94 | 1.29 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 1.94 | 0.667 | 1 |
| Perfluorononanoic Acid (PFNA) | 0.484 | J | ng/l | 1.94 | 0.302 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | 3.84 | | ng/l | 1.94 | 0.488 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ng/l | 1.94 | 0.294 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 1.94 | 1.17 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 1.94 | 0.628 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 1.94 | 0.252 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 1.94 | 0.950 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 1.94 | 0.779 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 1.94 | 0.360 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 1.94 | 0.317 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 1.94 | 0.240 | 1 |
| PFOA/PFOS, Total | 9.09 | | ng/l | 1.94 | 0.229 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 Date Collected: 10/27/20 10:10

Client ID: MW-4D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 92 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 90 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 82 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 64 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 80 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 85 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 97 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 122 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 114 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 100 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 84 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | **205** | Q | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 75 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 117 | | 40-144 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 102 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 98 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 101 | | 33-143 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/03/20 14:24
Analyst: PB

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 1.94 | 0.562 | 1 |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 54 | | 1-87 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/28/20 08:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |

| Tentatively Identified Compounds | | | | | | |
|---|---|---|---|---|---|---|
| Total TIC Compounds | 12.5 | J | ug/l | | | 1 |
| Unknown | 3.31 | J | ug/l | | | 1 |
| Unknown Organic Acid | 2.80 | J | ug/l | | | 1 |
| Unknown Alcohol | 1.71 | J | ug/l | | | 1 |
| Unknown Organic Acid | 3.09 | J | ug/l | | | 1 |
| Unknown Naphthalene | 1.56 | J | ug/l | | | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 48 | | 10-120 |
| Nitrobenzene-d5 | 67 | | 23-120 |
| 2-Fluorobiphenyl | 65 | | 15-120 |
| 2,4,6-Tribromophenol | 63 | | 10-120 |
| 4-Terphenyl-d14 | 72 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/28/20 09:57
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:42

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | 0.06 | J | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 0.02 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 0.34 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | 0.01 | J | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 0.28 | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.06 | J | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.08 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.20 | | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 49 | | 21-120 |
| Phenol-d6 | 40 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 78 | | 10-120 |
| 4-Terphenyl-d14 | 104 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/30/20 10:23
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/29/20 04:30

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | | | | | | |
| 1,4-Dioxane | ND | | ng/l | 144 | 32.6 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 54 | | 15-110 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/31/20 00:26
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 2.02 | | ng/l | 1.94 | 0.397 | 1 |
| Perfluoropentanoic Acid (PFPeA) | 2.74 | | ng/l | 1.94 | 0.385 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | 0.844 | J | ng/l | 1.94 | 0.232 | 1 |
| Perfluorohexanoic Acid (PFHxA) | 2.23 | | ng/l | 1.94 | 0.319 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | 1.51 | J | ng/l | 1.94 | 0.219 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ng/l | 1.94 | 0.366 | 1 |
| Perfluorooctanoic Acid (PFOA) | 3.81 | | ng/l | 1.94 | 0.230 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 1.94 | 1.30 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 1.94 | 0.669 | 1 |
| Perfluorononanoic Acid (PFNA) | 1.53 | J | ng/l | 1.94 | 0.304 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | 4.20 | | ng/l | 1.94 | 0.490 | 1 |
| Perfluorodecanoic Acid (PFDA) | 1.46 | J | ng/l | 1.94 | 0.296 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 1.94 | 1.18 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 1.94 | 0.630 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | 0.506 | J | ng/l | 1.94 | 0.253 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 1.94 | 0.953 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 1.94 | 0.564 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 1.94 | 0.782 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 1.94 | 0.362 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 1.94 | 0.318 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 1.94 | 0.241 | 1 |
| PFOA/PFOS, Total | 8.01 | | ng/l | 1.94 | 0.230 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 89 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 114 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 95 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 74 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 89 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 102 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 99 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 100 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 111 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 103 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 85 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 137 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 60 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 108 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 13 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 72 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 100 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 105 | | 33-143 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D
Analytical Date: 10/28/20 09:05
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:39

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 | 1 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 | 1 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 | 1 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 | 1 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 | 1 |
| Di-n-butylphthalate | 0.44 | J | ug/l | 5.0 | 0.39 | 1 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 | 1 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 | 1 |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 | 1 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 | 1 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 | 1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 | 1 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 | 1 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS - Westborough Lab** | | | | | | |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 | 1 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 | 1 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 | 1 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 | 1 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 | 1 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 | 1 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 | 1 |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 | 1 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 | 1 |
| Phenol | ND | | ug/l | 5.0 | 0.57 | 1 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 | 1 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 | 1 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 | 1 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 | 1 |
| **Tentatively Identified Compounds** | | | | | | |
| Total TIC Compounds | 1.64 | J | ug/l | | | 1 |
| Unknown | 1.64 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 15-120 |
| 2,4,6-Tribromophenol | 54 | | 10-120 |
| 4-Terphenyl-d14 | 68 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D-SIM
Analytical Date: 10/28/20 10:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 04:42

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Semivolatile Organics by GC/MS-SIM - Westborough Lab** | | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | ND | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|

Semivolatile Organics by GC/MS-SIM - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 48 | | 21-120 |
| Phenol-d6 | 39 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 67 | | 10-120 |
| 4-Terphenyl-d14 | 90 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D-SIM
Analytical Date: 10/30/20 10:44
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/29/20 04:30

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | | | | | | |
| 1,4-Dioxane | ND | | ng/l | 150 | 33.9 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 56 | | 15-110 |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

**SAMPLE RESULTS**

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/31/20 00:43
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| **Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab** | | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ng/l | 1.78 | 0.364 | 1 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ng/l | 1.78 | 0.354 | 1 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ng/l | 1.78 | 0.212 | 1 |
| Perfluorohexanoic Acid (PFHxA) | 0.389 | J | ng/l | 1.78 | 0.293 | 1 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ng/l | 1.78 | 0.201 | 1 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ng/l | 1.78 | 0.336 | 1 |
| Perfluorooctanoic Acid (PFOA) | ND | | ng/l | 1.78 | 0.211 | 1 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 1.78 | 1.19 | 1 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 1.78 | 0.614 | 1 |
| Perfluorononanoic Acid (PFNA) | ND | | ng/l | 1.78 | 0.278 | 1 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ng/l | 1.78 | 0.450 | 1 |
| Perfluorodecanoic Acid (PFDA) | ND | | ng/l | 1.78 | 0.271 | 1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 1.78 | 1.08 | 1 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 1.78 | 0.578 | 1 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 1.78 | 0.232 | 1 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 1.78 | 0.875 | 1 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 1.78 | 0.518 | 1 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 1.78 | 0.718 | 1 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 1.78 | 0.332 | 1 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 1.78 | 0.292 | 1 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 1.78 | 0.221 | 1 |
| PFOA/PFOS, Total | ND | | ng/l | 1.78 | 0.211 | 1 |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | | | | | | |

| Surrogate (Extracted Internal Standard) | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 107 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 140 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 109 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 90 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 103 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 111 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 110 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 73 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 125 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 107 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 100 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 120 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 71 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 137 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 24 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 99 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 120 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 127 | | 33-143 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/20 23:02
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 07:49

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1426909-1 | | | | | |
| Acenaphthene | ND | | ug/l | 2.0 | 0.44 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobenzene | ND | | ug/l | 2.0 | 0.46 |
| Bis(2-chloroethyl)ether | ND | | ug/l | 2.0 | 0.50 |
| 2-Chloronaphthalene | ND | | ug/l | 2.0 | 0.44 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.0 | 0.45 |
| 1,3-Dichlorobenzene | ND | | ug/l | 2.0 | 0.40 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.0 | 0.43 |
| 3,3'-Dichlorobenzidine | ND | | ug/l | 5.0 | 1.6 |
| 2,4-Dinitrotoluene | ND | | ug/l | 5.0 | 1.2 |
| 2,6-Dinitrotoluene | ND | | ug/l | 5.0 | 0.93 |
| Fluoranthene | ND | | ug/l | 2.0 | 0.26 |
| 4-Chlorophenyl phenyl ether | ND | | ug/l | 2.0 | 0.49 |
| 4-Bromophenyl phenyl ether | ND | | ug/l | 2.0 | 0.38 |
| Bis(2-chloroisopropyl)ether | ND | | ug/l | 2.0 | 0.53 |
| Bis(2-chloroethoxy)methane | ND | | ug/l | 5.0 | 0.50 |
| Hexachlorobutadiene | ND | | ug/l | 2.0 | 0.66 |
| Hexachlorocyclopentadiene | ND | | ug/l | 20 | 0.69 |
| Hexachloroethane | ND | | ug/l | 2.0 | 0.58 |
| Isophorone | ND | | ug/l | 5.0 | 1.2 |
| Naphthalene | ND | | ug/l | 2.0 | 0.46 |
| Nitrobenzene | ND | | ug/l | 2.0 | 0.77 |
| NDPA/DPA | ND | | ug/l | 2.0 | 0.42 |
| n-Nitrosodi-n-propylamine | ND | | ug/l | 5.0 | 0.64 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/l | 3.0 | 1.5 |
| Butyl benzyl phthalate | ND | | ug/l | 5.0 | 1.2 |
| Di-n-butylphthalate | ND | | ug/l | 5.0 | 0.39 |
| Di-n-octylphthalate | ND | | ug/l | 5.0 | 1.3 |
| Diethyl phthalate | ND | | ug/l | 5.0 | 0.38 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/20 23:02
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 07:49

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1426909-1 | | | | | |
| Dimethyl phthalate | ND | | ug/l | 5.0 | 1.8 |
| Benzo(a)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Benzo(a)pyrene | ND | | ug/l | 2.0 | 0.41 |
| Benzo(b)fluoranthene | ND | | ug/l | 2.0 | 0.35 |
| Benzo(k)fluoranthene | ND | | ug/l | 2.0 | 0.37 |
| Chrysene | ND | | ug/l | 2.0 | 0.34 |
| Acenaphthylene | ND | | ug/l | 2.0 | 0.46 |
| Anthracene | ND | | ug/l | 2.0 | 0.33 |
| Benzo(ghi)perylene | ND | | ug/l | 2.0 | 0.30 |
| Fluorene | ND | | ug/l | 2.0 | 0.41 |
| Phenanthrene | ND | | ug/l | 2.0 | 0.33 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 2.0 | 0.32 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 2.0 | 0.40 |
| Pyrene | ND | | ug/l | 2.0 | 0.28 |
| Biphenyl | ND | | ug/l | 2.0 | 0.46 |
| 4-Chloroaniline | ND | | ug/l | 5.0 | 1.1 |
| 2-Nitroaniline | ND | | ug/l | 5.0 | 0.50 |
| 3-Nitroaniline | ND | | ug/l | 5.0 | 0.81 |
| 4-Nitroaniline | ND | | ug/l | 5.0 | 0.80 |
| Dibenzofuran | ND | | ug/l | 2.0 | 0.50 |
| 2-Methylnaphthalene | ND | | ug/l | 2.0 | 0.45 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/l | 10 | 0.44 |
| Acetophenone | ND | | ug/l | 5.0 | 0.53 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 5.0 | 0.61 |
| p-Chloro-m-cresol | ND | | ug/l | 2.0 | 0.35 |
| 2-Chlorophenol | ND | | ug/l | 2.0 | 0.48 |
| 2,4-Dichlorophenol | ND | | ug/l | 5.0 | 0.41 |
| 2,4-Dimethylphenol | ND | | ug/l | 5.0 | 1.8 |
| 2-Nitrophenol | ND | | ug/l | 10 | 0.85 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/20 23:02
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 07:49

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1426909-1 | | | | | |
| 4-Nitrophenol | ND | | ug/l | 10 | 0.67 |
| 2,4-Dinitrophenol | ND | | ug/l | 20 | 6.6 |
| 4,6-Dinitro-o-cresol | ND | | ug/l | 10 | 1.8 |
| Pentachlorophenol | ND | | ug/l | 10 | 1.8 |
| Phenol | ND | | ug/l | 5.0 | 0.57 |
| 2-Methylphenol | ND | | ug/l | 5.0 | 0.49 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 5.0 | 0.48 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 5.0 | 0.77 |
| Benzoic Acid | ND | | ug/l | 50 | 2.6 |
| Benzyl Alcohol | ND | | ug/l | 2.0 | 0.59 |
| Carbazole | ND | | ug/l | 2.0 | 0.49 |

| Tentatively Identified Compounds | | | |
|---|---|---|---|
| Total TIC Compounds | 4.15 | J | ug/l |
| Unknown | 1.64 | J | ug/l |
| Unknown Organic Acid | 2.51 | J | ug/l |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 44 | | 21-120 |
| Phenol-d6 | 35 | | 10-120 |
| Nitrobenzene-d5 | 51 | | 23-120 |
| 2-Fluorobiphenyl | 53 | | 15-120 |
| 2,4,6-Tribromophenol | 44 | | 10-120 |
| 4-Terphenyl-d14 | 63 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/28/20 12:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 07:50

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1426910-1 | | | | | |
| Acenaphthene | ND | | ug/l | 0.10 | 0.01 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 |
| Fluoranthene | ND | | ug/l | 0.10 | 0.02 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 |
| Naphthalene | ND | | ug/l | 0.10 | 0.05 |
| Benzo(a)anthracene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(a)pyrene | ND | | ug/l | 0.10 | 0.02 |
| Benzo(b)fluoranthene | ND | | ug/l | 0.10 | 0.01 |
| Benzo(k)fluoranthene | ND | | ug/l | 0.10 | 0.01 |
| Chrysene | ND | | ug/l | 0.10 | 0.01 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 |
| Anthracene | ND | | ug/l | 0.10 | 0.01 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 |
| Fluorene | ND | | ug/l | 0.10 | 0.01 |
| Phenanthrene | ND | | ug/l | 0.10 | 0.02 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.10 | 0.01 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.10 | 0.01 |
| Pyrene | ND | | ug/l | 0.10 | 0.02 |
| 2-Methylnaphthalene | ND | | ug/l | 0.10 | 0.02 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 |
| Hexachlorobenzene | ND | | ug/l | 0.80 | 0.01 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/28/20 12:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 07:50

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1426910-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 2-Fluorophenol | 37 | | 21-120 |
| Phenol-d6 | 30 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 23-120 |
| 2-Fluorobiphenyl | 55 | | 15-120 |
| 2,4,6-Tribromophenol | 59 | | 10-120 |
| 4-Terphenyl-d14 | 85 | | 41-149 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/30/20 07:50
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/29/20 04:30

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1427840-1 | | | | | |
| 1,4-Dioxane | ND | | ng/l | 150 | 33.9 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Dioxane-d8 | 71 | | 15-110 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/30/20 21:40
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1427914-1 | | | | | |
| Perfluorobutanoic Acid (PFBA) | ND | | ng/l | 2.00 | 0.408 |
| Perfluoropentanoic Acid (PFPeA) | ND | | ng/l | 2.00 | 0.396 |
| Perfluorobutanesulfonic Acid (PFBS) | ND | | ng/l | 2.00 | 0.238 |
| Perfluorohexanoic Acid (PFHxA) | 0.400 | J | ng/l | 2.00 | 0.328 |
| Perfluoroheptanoic Acid (PFHpA) | ND | | ng/l | 2.00 | 0.225 |
| Perfluorohexanesulfonic Acid (PFHxS) | ND | | ng/l | 2.00 | 0.376 |
| Perfluorooctanoic Acid (PFOA) | ND | | ng/l | 2.00 | 0.236 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | ND | | ng/l | 2.00 | 1.33 |
| Perfluoroheptanesulfonic Acid (PFHpS) | ND | | ng/l | 2.00 | 0.688 |
| Perfluorononanoic Acid (PFNA) | ND | | ng/l | 2.00 | 0.312 |
| Perfluorooctanesulfonic Acid (PFOS) | ND | | ng/l | 2.00 | 0.504 |
| Perfluorodecanoic Acid (PFDA) | ND | | ng/l | 2.00 | 0.304 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | ND | | ng/l | 2.00 | 1.21 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND | | ng/l | 2.00 | 0.648 |
| Perfluoroundecanoic Acid (PFUnA) | ND | | ng/l | 2.00 | 0.260 |
| Perfluorodecanesulfonic Acid (PFDS) | ND | | ng/l | 2.00 | 0.980 |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 2.00 | 0.580 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | ND | | ng/l | 2.00 | 0.804 |
| Perfluorododecanoic Acid (PFDoA) | ND | | ng/l | 2.00 | 0.372 |
| Perfluorotridecanoic Acid (PFTrDA) | ND | | ng/l | 2.00 | 0.327 |
| Perfluorotetradecanoic Acid (PFTA) | ND | | ng/l | 2.00 | 0.248 |
| PFOA/PFOS, Total | ND | | ng/l | 2.00 | 0.236 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/30/20 21:40
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1427914-1 | | | | | |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 106 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 137 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 108 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 91 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 105 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 102 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 112 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 71 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 127 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 107 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 100 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 120 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 100 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 129 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 37 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 90 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 124 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 124 | | 33-143 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/03/20 11:16
Analyst: PB

Extraction Method: ALPHA 23528
Extraction Date: 10/29/20 10:26

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1427914-1 | | | | | |
| Perfluorooctanesulfonamide (FOSA) | ND | | ng/l | 2.00 | 0.580 |

| Surrogate (Extracted Internal Standard) | %Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 73 | | 1-87 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1426909-2 WG1426909-3 | | | | | | | | |
| Acenaphthene | 54 | | 65 | | 37-111 | 18 | | 30 |
| 1,2,4-Trichlorobenzene | 54 | | 68 | | 39-98 | 23 | | 30 |
| Hexachlorobenzene | 56 | | 68 | | 40-140 | 19 | | 30 |
| Bis(2-chloroethyl)ether | 58 | | 74 | | 40-140 | 24 | | 30 |
| 2-Chloronaphthalene | 56 | | 68 | | 40-140 | 19 | | 30 |
| 1,2-Dichlorobenzene | 52 | | 68 | | 40-140 | 27 | | 30 |
| 1,3-Dichlorobenzene | 52 | | 68 | | 40-140 | 27 | | 30 |
| 1,4-Dichlorobenzene | 53 | | 68 | | 36-97 | 25 | | 30 |
| 3,3'-Dichlorobenzidine | 52 | | 64 | | 40-140 | 21 | | 30 |
| 2,4-Dinitrotoluene | 55 | | 67 | | 48-143 | 20 | | 30 |
| 2,6-Dinitrotoluene | 58 | | 71 | | 40-140 | 20 | | 30 |
| Fluoranthene | 61 | | 72 | | 40-140 | 17 | | 30 |
| 4-Chlorophenyl phenyl ether | 57 | | 68 | | 40-140 | 18 | | 30 |
| 4-Bromophenyl phenyl ether | 58 | | 70 | | 40-140 | 19 | | 30 |
| Bis(2-chloroisopropyl)ether | 57 | | 72 | | 40-140 | 23 | | 30 |
| Bis(2-chloroethoxy)methane | 57 | | 71 | | 40-140 | 22 | | 30 |
| Hexachlorobutadiene | 48 | | 62 | | 40-140 | 25 | | 30 |
| Hexachlorocyclopentadiene | 44 | | 57 | | 40-140 | 26 | | 30 |
| Hexachloroethane | 49 | | 63 | | 40-140 | 25 | | 30 |
| Isophorone | 57 | | 72 | | 40-140 | 23 | | 30 |
| Naphthalene | 54 | | 68 | | 40-140 | 23 | | 30 |
| Nitrobenzene | 57 | | 73 | | 40-140 | 25 | | 30 |
| NDPA/DPA | 60 | | 72 | | 40-140 | 18 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1426909-2 WG1426909-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 60 | | 78 | | 29-132 | 26 | | 30 |
| Bis(2-ethylhexyl)phthalate | 56 | | 69 | | 40-140 | 21 | | 30 |
| Butyl benzyl phthalate | 66 | | 77 | | 40-140 | 15 | | 30 |
| Di-n-butylphthalate | 55 | | 67 | | 40-140 | 20 | | 30 |
| Di-n-octylphthalate | 59 | | 73 | | 40-140 | 21 | | 30 |
| Diethyl phthalate | 60 | | 71 | | 40-140 | 17 | | 30 |
| Dimethyl phthalate | 60 | | 72 | | 40-140 | 18 | | 30 |
| Benzo(a)anthracene | 57 | | 69 | | 40-140 | 19 | | 30 |
| Benzo(a)pyrene | 61 | | 74 | | 40-140 | 19 | | 30 |
| Benzo(b)fluoranthene | 57 | | 67 | | 40-140 | 16 | | 30 |
| Benzo(k)fluoranthene | 64 | | 78 | | 40-140 | 20 | | 30 |
| Chrysene | 56 | | 68 | | 40-140 | 19 | | 30 |
| Acenaphthylene | 56 | | 68 | | 45-123 | 19 | | 30 |
| Anthracene | 57 | | 70 | | 40-140 | 20 | | 30 |
| Benzo(ghi)perylene | 57 | | 69 | | 40-140 | 19 | | 30 |
| Fluorene | 59 | | 70 | | 40-140 | 17 | | 30 |
| Phenanthrene | 57 | | 67 | | 40-140 | 16 | | 30 |
| Dibenzo(a,h)anthracene | 57 | | 68 | | 40-140 | 18 | | 30 |
| Indeno(1,2,3-cd)pyrene | 58 | | 69 | | 40-140 | 17 | | 30 |
| Pyrene | 59 | | 71 | | 26-127 | 18 | | 30 |
| Biphenyl | 58 | | 71 | | 40-140 | 20 | | 30 |
| 4-Chloroaniline | **39** | Q | 44 | | 40-140 | 12 | | 30 |
| 2-Nitroaniline | 55 | | 69 | | 52-143 | 23 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1426909-2 WG1426909-3 | | | | | | | | |
| 3-Nitroaniline | 48 | | 53 | | 25-145 | 10 | | 30 |
| 4-Nitroaniline | **50** | Q | 60 | | 51-143 | 18 | | 30 |
| Dibenzofuran | 57 | | 68 | | 40-140 | 18 | | 30 |
| 2-Methylnaphthalene | 54 | | 68 | | 40-140 | 23 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 52 | | 68 | | 2-134 | 27 | | 30 |
| Acetophenone | 58 | | 73 | | 39-129 | 23 | | 30 |
| 2,4,6-Trichlorophenol | 55 | | 66 | | 30-130 | 18 | | 30 |
| p-Chloro-m-cresol | 58 | | 71 | | 23-97 | 20 | | 30 |
| 2-Chlorophenol | 58 | | 74 | | 27-123 | 24 | | 30 |
| 2,4-Dichlorophenol | 59 | | 74 | | 30-130 | 23 | | 30 |
| 2,4-Dimethylphenol | 55 | | 71 | | 30-130 | 25 | | 30 |
| 2-Nitrophenol | 56 | | 73 | | 30-130 | 26 | | 30 |
| 4-Nitrophenol | 47 | | 55 | | 10-80 | 16 | | 30 |
| 2,4-Dinitrophenol | 51 | | 63 | | 20-130 | 21 | | 30 |
| 4,6-Dinitro-o-cresol | 61 | | 73 | | 20-164 | 18 | | 30 |
| Pentachlorophenol | 43 | | 55 | | 9-103 | 24 | | 30 |
| Phenol | 47 | | 57 | | 12-110 | 19 | | 30 |
| 2-Methylphenol | 58 | | 74 | | 30-130 | 24 | | 30 |
| 3-Methylphenol/4-Methylphenol | 60 | | 74 | | 30-130 | 21 | | 30 |
| 2,4,5-Trichlorophenol | 55 | | 68 | | 30-130 | 21 | | 30 |
| Benzoic Acid | **0** | Q | **0** | Q | 10-164 | NC | | 30 |
| Benzyl Alcohol | 50 | | 58 | | 26-116 | 15 | | 30 |
| Carbazole | 57 | | 69 | | 55-144 | 19 | | 30 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1426909-2 WG1426909-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 53 | | 64 | | 21-120 |
| Phenol-d6 | 47 | | 57 | | 10-120 |
| Nitrobenzene-d5 | 59 | | 75 | | 23-120 |
| 2-Fluorobiphenyl | 57 | | 70 | | 15-120 |
| 2,4,6-Tribromophenol | 59 | | 72 | | 10-120 |
| 4-Terphenyl-d14 | 59 | | 71 | | 41-149 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1426910-2 WG1426910-3 | | | | | | | | |
| Acenaphthene | 48 | | 60 | | 40-140 | 22 | | 40 |
| 2-Chloronaphthalene | 53 | | 64 | | 40-140 | 19 | | 40 |
| Fluoranthene | 62 | | 72 | | 40-140 | 15 | | 40 |
| Hexachlorobutadiene | 48 | | 58 | | 40-140 | 19 | | 40 |
| Naphthalene | 47 | | 60 | | 40-140 | 24 | | 40 |
| Benzo(a)anthracene | 52 | | 59 | | 40-140 | 13 | | 40 |
| Benzo(a)pyrene | 56 | | 63 | | 40-140 | 12 | | 40 |
| Benzo(b)fluoranthene | 52 | | 57 | | 40-140 | 9 | | 40 |
| Benzo(k)fluoranthene | 59 | | 64 | | 40-140 | 8 | | 40 |
| Chrysene | 58 | | 62 | | 40-140 | 7 | | 40 |
| Acenaphthylene | 53 | | 65 | | 40-140 | 20 | | 40 |
| Anthracene | 56 | | 65 | | 40-140 | 15 | | 40 |
| Benzo(ghi)perylene | 58 | | 64 | | 40-140 | 10 | | 40 |
| Fluorene | 54 | | 63 | | 40-140 | 15 | | 40 |
| Phenanthrene | 52 | | 61 | | 40-140 | 16 | | 40 |
| Dibenzo(a,h)anthracene | 61 | | 70 | | 40-140 | 14 | | 40 |
| Indeno(1,2,3-cd)pyrene | 55 | | 60 | | 40-140 | 9 | | 40 |
| Pyrene | 61 | | 73 | | 40-140 | 18 | | 40 |
| 2-Methylnaphthalene | 51 | | 62 | | 40-140 | 19 | | 40 |
| Pentachlorophenol | 90 | | 105 | | 40-140 | 15 | | 40 |
| Hexachlorobenzene | 51 | | 60 | | 40-140 | 16 | | 40 |
| Hexachloroethane | 40 | | 52 | | 40-140 | 26 | | 40 |

# Lab Control Sample Analysis

**Batch Quality Control**

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1426910-2 WG1426910-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 2-Fluorophenol | 41 | | 51 | | 21-120 |
| Phenol-d6 | 36 | | 42 | | 10-120 |
| Nitrobenzene-d5 | 49 | | 63 | | 23-120 |
| 2-Fluorobiphenyl | 57 | | 67 | | 15-120 |
| 2,4,6-Tribromophenol | 64 | | 72 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 90 | | 41-149 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| 1,4 Dioxane by 8270D-SIM - Mansfield Lab | Associated sample(s): 01-03 | | Batch: WG1427840-2 | | WG1427840-3 | | | |
| 1,4-Dioxane | 100 | | 102 | | 40-140 | 2 | | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| 1,4-Dioxane-d8 | 72 | | 74 | | 15-110 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427914-2 WG1427914-3 | | | | | | | | |
| Perfluorobutanoic Acid (PFBA) | 104 | | 103 | | 67-148 | 1 | | 30 |
| Perfluoropentanoic Acid (PFPeA) | 111 | | 110 | | 63-161 | 1 | | 30 |
| Perfluorobutanesulfonic Acid (PFBS) | 95 | | 95 | | 65-157 | 0 | | 30 |
| Perfluorohexanoic Acid (PFHxA) | 103 | | 105 | | 69-168 | 2 | | 30 |
| Perfluoroheptanoic Acid (PFHpA) | 97 | | 97 | | 58-159 | 0 | | 30 |
| Perfluorohexanesulfonic Acid (PFHxS) | 75 | | 78 | | 69-177 | 4 | | 30 |
| Perfluorooctanoic Acid (PFOA) | 96 | | 96 | | 63-159 | 0 | | 30 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) | 107 | | 103 | | 49-187 | 4 | | 30 |
| Perfluoroheptanesulfonic Acid (PFHpS) | 81 | | 83 | | 61-179 | 2 | | 30 |
| Perfluorononanoic Acid (PFNA) | 95 | | 92 | | 68-171 | 3 | | 30 |
| Perfluorooctanesulfonic Acid (PFOS) | 98 | | 98 | | 52-151 | 0 | | 30 |
| Perfluorodecanoic Acid (PFDA) | 106 | | 104 | | 63-171 | 2 | | 30 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) | 97 | | 104 | | 56-173 | 7 | | 30 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | 100 | | 94 | | 60-166 | 6 | | 30 |
| Perfluoroundecanoic Acid (PFUnA) | 90 | | 88 | | 60-153 | 2 | | 30 |
| Perfluorodecanesulfonic Acid (PFDS) | 108 | | 99 | | 38-156 | 9 | | 30 |
| Perfluorooctanesulfonamide (FOSA) | 101 | | 100 | | 46-170 | 1 | | 30 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) | 104 | | 108 | | 45-170 | 4 | | 30 |
| Perfluorododecanoic Acid (PFDoA) | 83 | | 84 | | 67-153 | 1 | | 30 |
| Perfluorotridecanoic Acid (PFTrDA) | 98 | | 99 | | 48-158 | 1 | | 30 |
| Perfluorotetradecanoic Acid (PFTA) | 100 | | 102 | | 59-182 | 2 | | 30 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427914-2 WG1427914-3 | | | | | | | | |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C4]Butanoic Acid (MPFBA) | 107 | | 105 | | 2-156 |
| Perfluoro[13C5]Pentanoic Acid (M5PFPEA) | 137 | | 133 | | 16-173 |
| Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS) | 108 | | 110 | | 31-159 |
| Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA) | 90 | | 88 | | 21-145 |
| Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA) | 103 | | 102 | | 30-139 |
| Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS) | 111 | | 108 | | 47-153 |
| Perfluoro[13C8]Octanoic Acid (M8PFOA) | 113 | | 108 | | 36-149 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) | 77 | | 76 | | 1-244 |
| Perfluoro[13C9]Nonanoic Acid (M9PFNA) | 128 | | 124 | | 34-146 |
| Perfluoro[13C8]Octanesulfonic Acid (M8PFOS) | 108 | | 107 | | 42-146 |
| Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA) | 99 | | 94 | | 38-144 |
| 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) | 122 | | 114 | | 7-170 |
| N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) | 89 | | 84 | | 1-181 |
| Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA) | 130 | | 124 | | 40-144 |
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 38 | | 32 | | 1-87 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 110 | | 97 | | 23-146 |
| Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA) | 132 | | 121 | | 24-161 |
| Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA) | 129 | | 121 | | 33-143 |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab | Associated sample(s): 01-03 | | Batch: WG1427914-2 WG1427914-3 | | | | | |
| Perfluorooctanesulfonamide (FOSA) | 98 | | 100 | | 46-170 | 2 | | 30 |

| Surrogate (Extracted Internal Standard) | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|---|---|---|---|---|---|
| Perfluoro[13C8]Octanesulfonamide (M8FOSA) | 68 | | 59 | | 1-87 |

# PCBS

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/28/20 08:57
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/28/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 30-150 | A |
| Decachlorobiphenyl | 57 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 51 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/28/20 09:05
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/28/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | A |
| Decachlorobiphenyl | 61 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 58 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 10/28/20 09:13
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/28/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/28/20

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls by GC - Westborough Lab** | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | 1 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | 1 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | 1 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | A |
| Decachlorobiphenyl | 46 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | B |
| Decachlorobiphenyl | 50 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/27/20 15:00
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/27/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/27/20

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426949-1 | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.034 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.067 | A |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.046 | A |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.039 | A |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.049 | A |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.039 | A |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.032 | A |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.035 | A |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.034 | A |
| PCBs, Total | ND | | ug/l | 0.083 | 0.032 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | | 30-150 | B |
| Decachlorobiphenyl | 78 | | 30-150 | B |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426949-2 WG1426949-3 | | | | | | | | | |
| Aroclor 1016 | 96 | | 83 | | 40-140 | 14 | | 50 | A |
| Aroclor 1260 | 85 | | 75 | | 40-140 | 13 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 93 | | 82 | | 30-150 | A |
| Decachlorobiphenyl | 97 | | 84 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 79 | | 30-150 | B |
| Decachlorobiphenyl | 93 | | 83 | | 30-150 | B |

# PESTICIDES

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/28/20 08:14
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:53

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01 Date Collected: 10/27/20 10:10

Client ID: MW-4D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 44 | | 30-150 | A |
| Decachlorobiphenyl | 30 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 64 | | 30-150 | B |
| Decachlorobiphenyl | 30 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/28/20 08:24
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:53

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02 Date Collected: 10/27/20 11:30

Client ID: MW-2D Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 63 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 76 | | 30-150 | B |
| Decachlorobiphenyl | 47 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 10/28/20 08:34
Analyst: BM
Extraction Method: EPA 3510C
Extraction Date: 10/28/20 03:53

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by GC - Westborough Lab** | | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | 1 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | 1 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | 1 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | 1 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | 1 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | 1 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | 1 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | 1 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | 1 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | 1 | A |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | A |
| Decachlorobiphenyl | 86 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 60 | | 30-150 | B |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/27/20 14:37
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426947-1 | | | | | | |
| Delta-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Lindane | ND | | ug/l | 0.014 | 0.003 | A |
| Alpha-BHC | ND | | ug/l | 0.014 | 0.003 | A |
| Beta-BHC | ND | | ug/l | 0.014 | 0.004 | A |
| Heptachlor | ND | | ug/l | 0.014 | 0.002 | A |
| Aldrin | ND | | ug/l | 0.014 | 0.002 | A |
| Heptachlor epoxide | ND | | ug/l | 0.014 | 0.003 | A |
| Endrin | ND | | ug/l | 0.029 | 0.003 | A |
| Endrin aldehyde | ND | | ug/l | 0.029 | 0.006 | A |
| Endrin ketone | ND | | ug/l | 0.029 | 0.003 | A |
| Dieldrin | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDE | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDD | ND | | ug/l | 0.029 | 0.003 | A |
| 4,4'-DDT | ND | | ug/l | 0.029 | 0.003 | A |
| Endosulfan I | ND | | ug/l | 0.014 | 0.002 | A |
| Endosulfan II | ND | | ug/l | 0.029 | 0.004 | A |
| Endosulfan sulfate | ND | | ug/l | 0.029 | 0.003 | A |
| Methoxychlor | ND | | ug/l | 0.143 | 0.005 | A |
| Toxaphene | ND | | ug/l | 0.143 | 0.045 | A |
| cis-Chlordane | ND | | ug/l | 0.014 | 0.005 | A |
| trans-Chlordane | ND | | ug/l | 0.014 | 0.004 | A |
| Chlordane | ND | | ug/l | 0.143 | 0.033 | A |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/27/20 14:37
Analyst: SM

Extraction Method: EPA 3510C
Extraction Date: 10/27/20 08:34

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1426947-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 80 | | 30-150 | A |
| Decachlorobiphenyl | 78 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 70 | | 30-150 | B |
| Decachlorobiphenyl | 71 | | 30-150 | B |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426947-2 WG1426947-3 | | | | | | | | | |
| Delta-BHC | 80 | | 80 | | 30-150 | 1 | | 20 | A |
| Lindane | 81 | | 80 | | 30-150 | 1 | | 20 | A |
| Alpha-BHC | 94 | | 92 | | 30-150 | 3 | | 20 | A |
| Beta-BHC | 82 | | 79 | | 30-150 | 4 | | 20 | A |
| Heptachlor | 84 | | 81 | | 30-150 | 4 | | 20 | A |
| Aldrin | 85 | | 85 | | 30-150 | 0 | | 20 | A |
| Heptachlor epoxide | 84 | | 83 | | 30-150 | 1 | | 20 | A |
| Endrin | 88 | | 87 | | 30-150 | 1 | | 20 | A |
| Endrin aldehyde | 77 | | 81 | | 30-150 | 5 | | 20 | A |
| Endrin ketone | 81 | | 83 | | 30-150 | 2 | | 20 | A |
| Dieldrin | 92 | | 91 | | 30-150 | 2 | | 20 | A |
| 4,4'-DDE | 84 | | 85 | | 30-150 | 0 | | 20 | A |
| 4,4'-DDD | 93 | | 92 | | 30-150 | 0 | | 20 | A |
| 4,4'-DDT | 82 | | 81 | | 30-150 | 1 | | 20 | A |
| Endosulfan I | 84 | | 83 | | 30-150 | 1 | | 20 | A |
| Endosulfan II | 83 | | 83 | | 30-150 | 0 | | 20 | A |
| Endosulfan sulfate | 82 | | 83 | | 30-150 | 1 | | 20 | A |
| Methoxychlor | 74 | | 77 | | 30-150 | 4 | | 20 | A |
| cis-Chlordane | 61 | | 66 | | 30-150 | 8 | | 20 | A |
| trans-Chlordane | 82 | | 84 | | 30-150 | 2 | | 20 | A |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1426947-2 WG1426947-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|---|---|---|---|---|---|---|
| 2,4,5,6-Tetrachloro-m-xylene | 87 | | 81 | | 30-150 | A |
| Decachlorobiphenyl | 76 | | 75 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 73 | | 30-150 | B |
| Decachlorobiphenyl | 72 | | 69 | | 30-150 | B |

# METALS

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 6.32 | | mg/l | 0.0250 | 0.00327 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | 0.00075 | J | mg/l | 0.00400 | 0.00042 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00137 | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.09109 | | mg/l | 0.00050 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | 0.00024 | J | mg/l | 0.00050 | 0.00010 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 43.2 | | mg/l | 0.100 | 0.0394 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00957 | | mg/l | 0.00100 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00424 | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Copper, Total | 0.05850 | | mg/l | 0.00100 | 0.00038 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 11.5 | | mg/l | 0.0500 | 0.0191 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00635 | | mg/l | 0.00100 | 0.00034 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 16.7 | | mg/l | 0.0700 | 0.0242 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 1.939 | | mg/l | 0.00100 | 0.00044 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/28/20 08:28 | 10/28/20 11:38 | EPA 7470A | 1,7470A | EW |
| Nickel, Total | 0.01363 | | mg/l | 0.00200 | 0.00055 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 10.4 | | mg/l | 0.100 | 0.0309 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 37.5 | | mg/l | 0.100 | 0.0293 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | 0.00022 | J | mg/l | 0.00050 | 0.00014 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.00634 | | mg/l | 0.00500 | 0.00157 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.05764 | | mg/l | 0.01000 | 0.00341 | 1 | 10/28/20 08:25 | 10/28/20 12:08 | EPA 3005A | 1,6020B | AM |

**Project Name:** 8 WESTCHESTER PLACE
**Lab Number:** L2046754
**Project Number:** 11513:4.2
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 3.42 | | mg/l | 0.0250 | 0.00327 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | 0.00063 | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.04562 | | mg/l | 0.00050 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | 0.00011 | J | mg/l | 0.00050 | 0.00010 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 9.15 | | mg/l | 0.100 | 0.0394 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00826 | | mg/l | 0.00100 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | 0.00311 | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Copper, Total | 0.05784 | | mg/l | 0.00100 | 0.00038 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 7.30 | | mg/l | 0.0500 | 0.0191 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00157 | | mg/l | 0.00100 | 0.00034 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | 2.77 | | mg/l | 0.0700 | 0.0242 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 1.012 | | mg/l | 0.00100 | 0.00044 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/28/20 08:28 | 10/28/20 11:31 | EPA 7470A | 1,7470A | EW |
| Nickel, Total | 0.00899 | | mg/l | 0.00200 | 0.00055 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | 4.36 | | mg/l | 0.100 | 0.0309 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 10.3 | | mg/l | 0.100 | 0.0293 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | 0.00016 | J | mg/l | 0.00050 | 0.00014 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | 0.00799 | | mg/l | 0.00500 | 0.00157 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | 0.04797 | | mg/l | 0.01000 | 0.00341 | 1 | 10/28/20 08:25 | 10/28/20 12:44 | EPA 3005A | 1,6020B | AM |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03 Date Collected: 10/27/20 09:45

Client ID: FIELD BLANK Date Received: 10/27/20

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab** | | | | | | | | | | | |
| Aluminum, Total | 0.0363 | | mg/l | 0.0250 | 0.00327 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Arsenic, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Barium, Total | 0.00031 | J | mg/l | 0.00050 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Calcium, Total | 0.0947 | J | mg/l | 0.100 | 0.0394 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Chromium, Total | 0.00028 | J | mg/l | 0.00100 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Cobalt, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Iron, Total | 0.0204 | J | mg/l | 0.0500 | 0.0191 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Lead, Total | 0.00053 | J | mg/l | 0.00100 | 0.00034 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Magnesium, Total | ND | | mg/l | 0.0700 | 0.0242 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Manganese, Total | 0.00057 | J | mg/l | 0.00100 | 0.00044 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/28/20 08:28 | 10/28/20 11:41 | EPA 7470A | 1,7470A | EW |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Potassium, Total | ND | | mg/l | 0.100 | 0.0309 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Sodium, Total | 0.245 | | mg/l | 0.100 | 0.0293 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Thallium, Total | ND | | mg/l | 0.00050 | 0.00014 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/28/20 08:25 | 10/28/20 11:41 | EPA 3005A | 1,6020B | AM |

**Project Name:** 8 WESTCHESTER PLACE **Lab Number:** L2046754

**Project Number:** 11513:4.2 **Report Date:** 11/03/20

# Method Blank Analysis
# Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427410-1 | | | | | | | | | | |
| Aluminum, Total | 0.0200 | J | mg/l | 0.0250 | 0.00327 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Antimony, Total | ND | | mg/l | 0.00400 | 0.00042 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Arsenic, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Barium, Total | ND | | mg/l | 0.00050 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Beryllium, Total | ND | | mg/l | 0.00050 | 0.00010 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Cadmium, Total | ND | | mg/l | 0.00020 | 0.00005 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Calcium, Total | ND | | mg/l | 0.100 | 0.0394 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Chromium, Total | ND | | mg/l | 0.00100 | 0.00017 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Cobalt, Total | ND | | mg/l | 0.00050 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Copper, Total | ND | | mg/l | 0.00100 | 0.00038 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Iron, Total | 0.0260 | J | mg/l | 0.0500 | 0.0191 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Lead, Total | ND | | mg/l | 0.00100 | 0.00034 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Magnesium, Total | ND | | mg/l | 0.0700 | 0.0242 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Manganese, Total | 0.00054 | J | mg/l | 0.00100 | 0.00044 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Nickel, Total | ND | | mg/l | 0.00200 | 0.00055 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Potassium, Total | ND | | mg/l | 0.100 | 0.0309 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Selenium, Total | ND | | mg/l | 0.00500 | 0.00173 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Silver, Total | ND | | mg/l | 0.00040 | 0.00016 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Sodium, Total | ND | | mg/l | 0.100 | 0.0293 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Thallium, Total | ND | | mg/l | 0.00050 | 0.00014 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Vanadium, Total | ND | | mg/l | 0.00500 | 0.00157 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |
| Zinc, Total | ND | | mg/l | 0.01000 | 0.00341 | 1 | 10/28/20 08:25 | 10/28/20 11:36 | 1,6020B | AM |

**Prep Information**

Digestion Method: EPA 3005A

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1427414-1 | | | | | | | | | | |
| Mercury, Total | ND | | mg/l | 0.00020 | 0.00009 | 1 | 10/28/20 08:28 | 10/28/20 11:27 | 1,7470A | EW |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
# Batch Quality Control

**Prep Information**

Digestion Method: EPA 7470A

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427410-2 | | | | | | | | |
| Aluminum, Total | 103 | | - | | 80-120 | - | | |
| Antimony, Total | 85 | | - | | 80-120 | - | | |
| Arsenic, Total | 102 | | - | | 80-120 | - | | |
| Barium, Total | 100 | | - | | 80-120 | - | | |
| Beryllium, Total | 91 | | - | | 80-120 | - | | |
| Cadmium, Total | 104 | | - | | 80-120 | - | | |
| Calcium, Total | 95 | | - | | 80-120 | - | | |
| Chromium, Total | 91 | | - | | 80-120 | - | | |
| Cobalt, Total | 92 | | - | | 80-120 | - | | |
| Copper, Total | 92 | | - | | 80-120 | - | | |
| Iron, Total | 91 | | - | | 80-120 | - | | |
| Lead, Total | 103 | | - | | 80-120 | - | | |
| Magnesium, Total | 100 | | - | | 80-120 | - | | |
| Manganese, Total | 96 | | - | | 80-120 | - | | |
| Nickel, Total | 89 | | - | | 80-120 | - | | |
| Potassium, Total | 101 | | - | | 80-120 | - | | |
| Selenium, Total | 113 | | - | | 80-120 | - | | |
| Silver, Total | 100 | | - | | 80-120 | - | | |
| Sodium, Total | 97 | | - | | 80-120 | - | | |
| Thallium, Total | 98 | | - | | 80-120 | - | | |
| Vanadium, Total | 92 | | - | | 80-120 | - | | |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427410-2 | | | | | |
| Zinc, Total | 103 | - | 80-120 | - | |
| Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1427414-2 | | | | | |
| Mercury, Total | 105 | - | 80-120 | - | |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427410-3 QC Sample: L2046754-01 Client ID: MW-4D | | | | | | | | | | | | |
| Aluminum, Total | 6.32 | 2 | 9.54 | **161** | Q | - | - | | 75-125 | - | | 20 |
| Antimony, Total | 0.00075J | 0.5 | 0.4564 | 91 | | - | - | | 75-125 | - | | 20 |
| Arsenic, Total | 0.00137 | 0.12 | 0.1244 | 102 | | - | - | | 75-125 | - | | 20 |
| Barium, Total | 0.09109 | 2 | 2.139 | 102 | | - | - | | 75-125 | - | | 20 |
| Beryllium, Total | 0.00024J | 0.05 | 0.05949 | 119 | | - | - | | 75-125 | - | | 20 |
| Cadmium, Total | ND | 0.051 | 0.05534 | 108 | | - | - | | 75-125 | - | | 20 |
| Calcium, Total | 43.2 | 10 | 54.9 | 117 | | - | - | | 75-125 | - | | 20 |
| Chromium, Total | 0.00957 | 0.2 | 0.1962 | 93 | | - | - | | 75-125 | - | | 20 |
| Cobalt, Total | 0.00424 | 0.5 | 0.4743 | 94 | | - | - | | 75-125 | - | | 20 |
| Copper, Total | 0.05850 | 0.25 | 0.2967 | 95 | | - | - | | 75-125 | - | | 20 |
| Iron, Total | 11.5 | 1 | 13.1 | **160** | Q | - | - | | 75-125 | - | | 20 |
| Lead, Total | 0.00635 | 0.51 | 0.5494 | 106 | | - | - | | 75-125 | - | | 20 |
| Magnesium, Total | 16.7 | 10 | 28.1 | 114 | | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 1.939 | 0.5 | 2.531 | 118 | | - | - | | 75-125 | - | | 20 |
| Nickel, Total | 0.01363 | 0.5 | 0.4840 | 94 | | - | - | | 75-125 | - | | 20 |
| Potassium, Total | 10.4 | 10 | 21.0 | 106 | | - | - | | 75-125 | - | | 20 |
| Selenium, Total | ND | 0.12 | 0.134 | 112 | | - | - | | 75-125 | - | | 20 |
| Silver, Total | ND | 0.05 | 0.05207 | 104 | | - | - | | 75-125 | - | | 20 |
| Sodium, Total | 37.5 | 10 | 46.8 | 93 | | - | - | | 75-125 | - | | 20 |
| Thallium, Total | 0.00022J | 0.12 | 0.1241 | 103 | | - | - | | 75-125 | - | | 20 |
| Vanadium, Total | 0.00634 | 0.5 | 0.4807 | 95 | | - | - | | 75-125 | - | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427410-3 QC Sample: L2046754-01 Client ID: MW-4D | | | | | | | | | |
| Zinc, Total | 0.05764 | 0.5 | 0.5983 | 108 | - | - | 75-125 | - | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427414-3 QC Sample: L2046754-02 Client ID: MW-2D | | | | | | | | | |
| Mercury, Total | ND | 0.005 | 0.00509 | 102 | - | - | 75-125 | - | 20 |

# Lab Duplicate Analysis
*Batch Quality Control*

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

***Lab Number:*** L2046754
***Report Date:*** 11/03/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|
| Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427410-4 QC Sample: L2046754-01 Client ID: MW-4D | | | | | | |
| Aluminum, Total | 6.32 | 6.49 | mg/l | 3 | | 20 |
| Antimony, Total | 0.00075J | 0.00062J | mg/l | NC | | 20 |
| Arsenic, Total | 0.00137 | 0.00144 | mg/l | 5 | | 20 |
| Barium, Total | 0.09109 | 0.09323 | mg/l | 2 | | 20 |
| Beryllium, Total | 0.00024J | 0.00024J | mg/l | NC | | 20 |
| Cadmium, Total | ND | ND | mg/l | NC | | 20 |
| Calcium, Total | 43.2 | 44.6 | mg/l | 3 | | 20 |
| Chromium, Total | 0.00957 | 0.00966 | mg/l | 1 | | 20 |
| Cobalt, Total | 0.00424 | 0.00428 | mg/l | 1 | | 20 |
| Copper, Total | 0.05850 | 0.06164 | mg/l | 5 | | 20 |
| Iron, Total | 11.5 | 12.0 | mg/l | 4 | | 20 |
| Lead, Total | 0.00635 | 0.00642 | mg/l | 1 | | 20 |
| Magnesium, Total | 16.7 | 17.4 | mg/l | 4 | | 20 |
| Manganese, Total | 1.939 | 2.022 | mg/l | 4 | | 20 |
| Nickel, Total | 0.01363 | 0.01377 | mg/l | 1 | | 20 |
| Potassium, Total | 10.4 | 10.7 | mg/l | 3 | | 20 |
| Selenium, Total | ND | ND | mg/l | NC | | 20 |
| Silver, Total | ND | ND | mg/l | NC | | 20 |
| Sodium, Total | 37.5 | 39.0 | mg/l | 4 | | 20 |

# Lab Duplicate Analysis

***Batch Quality Control***

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

***Lab Number:*** L2046754

***Report Date:*** 11/03/20

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---|---|---|---|---|
| **Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427410-4 QC Sample: L2046754-01 Client ID: MW-4D** | | | | | |
| Thallium, Total | 0.00022J | 0.00017J | mg/l | NC | 20 |
| Vanadium, Total | 0.00634 | 0.00689 | mg/l | 8 | 20 |
| Zinc, Total | 0.05764 | 0.06124 | mg/l | 6 | 20 |
| **Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1427414-4 QC Sample: L2046754-02 Client ID: MW-2D** | | | | | |
| Mercury, Total | ND | ND | mg/l | NC | 20 |

# INORGANICS
# &
# MISCELLANEOUS

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-01
Client ID: MW-4D
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Water
Date Collected: 10/27/20 10:10
Date Received: 10/27/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/28/20 10:20 | 10/28/20 12:56 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-02
Client ID: MW-2D
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Water

Date Collected: 10/27/20 11:30
Date Received: 10/27/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/28/20 10:20 | 10/28/20 12:59 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

## SAMPLE RESULTS

Lab ID: L2046754-03
Client ID: FIELD BLANK
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 10/27/20 09:45
Date Received: 10/27/20
Field Prep: Not Specified

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| **General Chemistry - Westborough Lab** | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/28/20 10:20 | 10/28/20 13:00 | 1,9010C/9012B | CR |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2
**Lab Number:** L2046754
**Report Date:** 11/03/20

# Method Blank Analysis
## Batch Quality Control

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1427490-1 | | | | | | | | | | |
| Cyanide, Total | ND | | mg/l | 0.005 | 0.001 | 1 | 10/28/20 10:20 | 10/28/20 12:37 | 1,9010C/9012B | CR |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE

**Project Number:** 11513:4.2

**Lab Number:** L2046754

**Report Date:** 11/03/20

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1427490-2 WG1427490-3 | | | | | | | | |
| Cyanide, Total | 94 | | 96 | | 85-115 | 2 | | 20 |

# Matrix Spike Analysis
## Batch Quality Control

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1427490-4 WG1427490-5 QC Sample: L2046625-01 Client ID: MS Sample | | | | | | | | | | | | |
| Cyanide, Total | ND | 0.2 | 0.194 | 97 | | 0.199 | 100 | | 80-120 | 3 | | 20 |

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| A | Absent |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2046754-01A | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-01B | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-01C | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-01D | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-01E | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-01F | Plastic 250ml NaOH preserved | A | >12 | >12 | 2.0 | Y | Absent | | TCN-9010(14) |
| L2046754-01G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 2.0 | Y | Absent | | TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180) |
| L2046754-01H | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |
| L2046754-01J | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |
| L2046754-01K | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-01L | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-01M | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-01N | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-01O | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-01P | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-02A | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-02B | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-02C | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |



*Values in parentheses indicate holding time in days

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2046754-02D | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-02E | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-02F | Plastic 250ml NaOH preserved | A | >12 | >12 | 2.0 | Y | Absent | | TCN-9010(14) |
| L2046754-02G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 2.0 | Y | Absent | | SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180) |
| L2046754-02H | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |
| L2046754-02J | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |
| L2046754-02K | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-02L | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-02M | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-02N | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-02O | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-02P | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-03A | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-03B | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-03C | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-03D | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-03E | Plastic 250ml unpreserved | A | NA | | 2.0 | Y | Absent | | A2-NY-537-ISOTOPE(14) |
| L2046754-03F | Plastic 250ml NaOH preserved | A | >12 | >12 | 2.0 | Y | Absent | | TCN-9010(14) |
| L2046754-03G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 2.0 | Y | Absent | | BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180) |
| L2046754-03H | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |



*Values in parentheses indicate holding time in days

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

## Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2046754-03J | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8081(7) |
| L2046754-03K | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-03L | Amber 120ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8082-LVI(7) |
| L2046754-03M | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-03N | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2046754-03O | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-03P | Amber 250ml unpreserved | A | 7 | 7 | 2.0 | Y | Absent | | A2-1,4-DIOXANE-SIM(7) |
| L2046754-04A | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |
| L2046754-04B | Vial HCl preserved | A | NA | | 2.0 | Y | Absent | | NYTCL-8260(14) |



*Values in parentheses indicate holding time in days

**Project Name:** 8 WESTCHESTER PLACE
**Project Number:** 11513:4.2

**Lab Number:** L2046754
**Report Date:** 11/03/20

## PFAS PARAMETER SUMMARY

| Parameter | Acronym | CAS Number |
|---|---|---|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs) | | |
| Perfluorooctadecanoic Acid | PFODA | 16517-11-6 |
| Perfluorohexadecanoic Acid | PFHxDA | 67905-19-5 |
| Perfluorotetradecanoic Acid | PFTA | 376-06-7 |
| Perfluorotridecanoic Acid | PFTrDA | 72629-94-8 |
| Perfluorododecanoic Acid | PFDoA | 307-55-1 |
| Perfluoroundecanoic Acid | PFUnA | 2058-94-8 |
| Perfluorodecanoic Acid | PFDA | 335-76-2 |
| Perfluorononanoic Acid | PFNA | 375-95-1 |
| Perfluorooctanoic Acid | PFOA | 335-67-1 |
| Perfluoroheptanoic Acid | PFHpA | 375-85-9 |
| Perfluorohexanoic Acid | PFHxA | 307-24-4 |
| Perfluoropentanoic Acid | PFPeA | 2706-90-3 |
| Perfluorobutanoic Acid | PFBA | 375-22-4 |
| PERFLUOROALKYL SULFONIC ACIDS (PFSAs) | | |
| Perfluorododecanesulfonic Acid | PFDoDS | 79780-39-5 |
| Perfluorodecanesulfonic Acid | PFDS | 335-77-3 |
| Perfluorononanesulfonic Acid | PFNS | 68259-12-1 |
| Perfluorooctanesulfonic Acid | PFOS | 1763-23-1 |
| Perfluoroheptanesulfonic Acid | PFHpS | 375-92-8 |
| Perfluorohexanesulfonic Acid | PFHxS | 355-46-4 |
| Perfluoropentanesulfonic Acid | PFPeS | 2706-91-4 |
| Perfluorobutanesulfonic Acid | PFBS | 375-73-5 |
| FLUOROTELOMERS | | |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid | 10:2FTS | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid | 8:2FTS | 39108-34-4 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid | 6:2FTS | 27619-97-2 |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid | 4:2FTS | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs) | | |
| Perfluorooctanesulfonamide | FOSA | 754-91-6 |
| N-Ethyl Perfluorooctane Sulfonamide | NEtFOSA | 4151-50-2 |
| N-Methyl Perfluorooctane Sulfonamide | NMeFOSA | 31506-32-8 |
| PERFLUOROALKANE SULFONYL SUBSTANCES | | |
| N-Ethyl Perfluorooctanesulfonamido Ethanol | NEtFOSE | 1691-99-2 |
| N-Methyl Perfluorooctanesulfonamido Ethanol | NMeFOSE | 24448-09-7 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid | NEtFOSAA | 2991-50-6 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid | NMeFOSAA | 2355-31-9 |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS | | |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA | 13252-13-6 |
| 4,8-Dioxa-3h-Perfluorononanoic Acid | ADONA | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid | 9Cl-PF3ONS | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs) | | |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid | PFEESA | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs) | | |
| Perfluoro-3-Methoxypropanoic Acid | PFMPA | 377-73-1 |
| Perfluoro-4-Methoxybutanoic Acid | PFMBA | 863090-89-5 |
| Nonafluoro-3,6-Dioxaheptanoic Acid | NFDHA | 151772-58-6 |

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

## GLOSSARY

***Acronyms***

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

**E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

***Data Qualifiers***

the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 8 WESTCHESTER PLACE | **Lab Number:** | L2046754 |
| **Project Number:** | 11513:4.2 | **Report Date:** | 11/03/20 |

## REFERENCES


1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.


## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**Westborough Facility**
**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene
**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270D:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**Mansfield Facility**
**SM 2540D:** TSS
**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**EPA TO-12** Non-methane organics
**EPA 3C** Fixed gases
**Biological Tissue Matrix:** EPA 3050B

**The following analytes are included in our Massachusetts DEP Scope of Accreditation**

**Westborough Facility:**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 332**: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**EPA 624.1**: Volatile Halocarbons & Aromatics,
**EPA 608.3**: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
**EPA 625.1**: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

**Mansfield Facility:**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1** Hg.
**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

**Service Centers**
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/27/20

ALPHA Job #: L2046754

## Client Information
Client: SESI
Address: 17a Maple Ave Pine Brook, NY
Phone: 973-808-9050
Fax:
Email: AAO@SESI.ORG

## Project Information
Project Name: 8 Westchester Place
Project Location: New Rochelle, NY
Project #: 11513: 4.2
(Use Project name as Project #)
Project Manager: Andrew Allen
ALPHAQuote #:

## Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ 24 hr # of Days:

## Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

## Billing Information
☐ Same as Client Info
PO #

## Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

## Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

**Other project specific requirements/comments:**

**Please specify Metals or TAL.**

## ANALYSIS

**Sample Filtration**
☐ Done
☐ Lab to do
**Preservation**
☐ Lab to do
*(Please Specify below)*

Total Bottle

| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | TCL+TAL | PFAs & 1,4-Dioxane | Just TCL VOCs | | | | | | Sample Specific Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46754-01 | MW-4D | 10-27-20 | 10:10 | GW | JRN | X | X | | | | | | | |
| -02 | MW-2D | ↓ | 11:30 | ↓ | ↓ | X | X | | | | | | | |
| -03 | Field Blank | ↓ | 9:45 | ↓ | ↓ | X | X | | | | | | | |
| -04 | Trip Blank | | | | | | | X | | | | | | |
| | | | | | JRN | | | | | | | | | |

Preservative Code:
A = None
B = HCl
C = $HNO_3$
D = $H_2SO_4$
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Container Type | | | | | | | | | | | | | | |
| Preservative | | | | | | | | | | | | | | |

| Relinquished By: | Date/Time | Received By: | Date/Time |
|---|---|---|---|
| John Navigan | 10-27-20 14:40 | [illegible] CAW AAL | 10.27.2014:40 |
| David Jaros | 10.27.20 15:50 | [illegible] | 10/27/2016 |
| [illegible] | 10/27/2021 | [illegible] | 10/27/2021 |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

**Tuesday, August 11, 2020**

**Attn: Mr. Charles B. Sosik, P.G.**
**Environmental Business Consultants**
**1808 Middle Country Rd**
**Ridge NY 11961-2406**

**Project ID:** **316 HUGUENOT ST NEW ROCHELLE NY**
**SDG ID:** **GCG48033**
**Sample ID#s: CG48033 - CG48040**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.**

**All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.**

**Sincerely yours,**

**Phyllis Shiller**
**Laboratory Director**

**NELAC - #NY11301**
**CT Lab Registration #PH-0618**
**MA Lab Registration #M-CT007**
**ME Lab Registration #CT-007**
**NH Lab Registration #213693-A,B**
**NJ Lab Registration #CT-003**
**NY Lab Registration #11301**
**PA Lab Registration #68-03530**
**RI Lab Registration #63**
**UT Lab Registration #CT00007**
**VT Lab Registration #VT11301**

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# SDG Comments

August 11, 2020

SDG I.D.: GCG48033

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

# Sample Id Cross Reference

August 11, 2020

SDG I.D.: GCG48033

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY

| Client Id | Lab Id | Matrix |
|---|---|---|
| 316B1 FILL | CG48033 | SOIL |
| 316B2 FILL | CG48034 | SOIL |
| 316B3 FILL | CG48035 | SOIL |
| 316B4 FILL | CG48036 | SOIL |
| 316B5 FILL | CG48037 | SOIL |
| 316B6 FILL | CG48038 | SOIL |
| TRIP BLANK HL | CG48039 | SOIL |
| TRIP BLANK LL | CG48040 | SOIL |

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 8:23 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48033

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.39 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13600 | 39 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 1.70 | 0.78 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 60.5 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.38 | 0.31 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 1510 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.04 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 9.12 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 19.8 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 15.0 | 0.8 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20100 | 39 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.05 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 2110 | 8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 2510 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Manganese | 552 | 3.9 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 280 | 8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 14.7 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 6.1 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.9 | 3.9 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.6 | 1.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.6 | 1.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 27.7 | 0.39 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 27.1 | 0.8 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 86 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 77 | 77 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 75 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 76 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 73 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 79 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Acetone | ND | 18 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 7.3 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Benzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromoform | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Bromomethane | ND | 3.7 | 1.5 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloroform | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Chloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dibromomethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 22 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 7.3 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.7 | 3.7 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Naphthalene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| o-Xylene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Styrene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 7.3 | 1.8 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Toluene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 7.3 | 1.8 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.7 | 0.73 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.7 | 0.37 | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 55 | | ug/kg | 1 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/08/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 15 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Acrylonitrile | ND | 15 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 73 | | ug/Kg | 1 | 08/08/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 260 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | 260 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | 260 | 240 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | 260 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | 190 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | 230 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | 300 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | 380 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | 300 | 300 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | 340 | 220 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | 1900 | 760 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B1 FILL

Phoenix I.D.: CG48033

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 76 | 76 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 230 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 93 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 76 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 67 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 69 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 72 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 80 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:13 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48034

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.36 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 11800 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 1.79 | 0.72 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 144 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.29 | 0.29 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 36000 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.11 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 10.7 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 35.0 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 31.4 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20800 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | < 0.03 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 5560 | 72 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Magnesium | 9450 | 36 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 310 | 3.6 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 377 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 22.3 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 12.7 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.6 | 3.6 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 39.9 | 0.36 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 60.3 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 91 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 79 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 80 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 74 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 75 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.4 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 140 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 92 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 85 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 88 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 86 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 1.2 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Acetone | 7.1 | JS | 17 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 6.8 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Benzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromoform | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Bromomethane | ND | | 3.4 | 1.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloroethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloroform | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Chloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 20 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 6.8 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.4 | 3.4 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Naphthalene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| o-Xylene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Styrene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 6.8 | 1.7 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Toluene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 6.8 | 1.7 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.4 | 0.68 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.4 | 0.34 | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 71 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 93 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 51 | | ug/kg | 1 | 08/10/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 96 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 71 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 93 | | | % | 1 | 08/10/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 14 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Acrylonitrile | ND | 14 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 68 | | ug/Kg | 1 | 08/10/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 250 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 250 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 250 | 250 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 250 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 250 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 360 | 160 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 130 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 350 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 320 | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 270 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 210 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 270 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 360 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 250 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 740 | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B2 FILL

Phoenix I.D.: CG48034

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 200 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 280 | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 680 | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 89 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 28 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | 3 |
| % 2-Fluorobiphenyl | 80 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 37 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 73 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 76 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 86 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

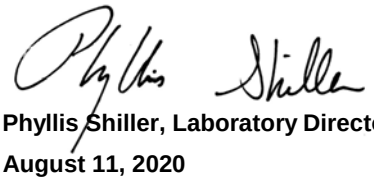
Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 10:30 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48035

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.34 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 9310 | 34 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 4.91 | 0.68 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 102 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.46 | 0.27 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 8420 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.05 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 7.29 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 17.6 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 41.7 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 14200 | 34 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.33 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 1070 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 2340 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Manganese | 259 | 3.4 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 337 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 18.4 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 276 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.4 | 3.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 24.3 | 0.34 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 149 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 86 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 76 | 76 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 62 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 67 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 66 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.8 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 38 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 82 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 83 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 67 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 1.2 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | 5.0 | JS | 25 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 9.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | | 4.9 | 2.0 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 30 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 9.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 4.9 | 4.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 9.9 | 2.5 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 9.9 | 2.5 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 4.9 | 0.99 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 4.9 | 0.49 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 101 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 74 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 101 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 20 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 20 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 99 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 270 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 190 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 270 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 270 | 270 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | 240 | J | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 270 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 270 | 240 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 270 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 190 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 230 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 310 | 180 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 390 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | 1700 | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | 190 | J | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 310 | 310 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 2900 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 6100 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 5300 | | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 5700 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 2800 | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 3400 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1900 | 770 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 270 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | 1500 | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 6000 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | 1000 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | 760 | | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 270 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 270 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 17000 | | 2700 | 1200 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Fluorene | 1300 | | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B3 FILL

Phoenix I.D.: CG48035

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 3200 | 270 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | 610 | 270 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 77 | 77 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 270 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 270 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 230 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 16000 | 2700 | 1100 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 270 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 14000 | 2700 | 1300 | ug/Kg | 10 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 95 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 43 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 81 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 64 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 77 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 88 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2,4,6-Tribromophenol (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 (10x) | Diluted Out | | | % | 10 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

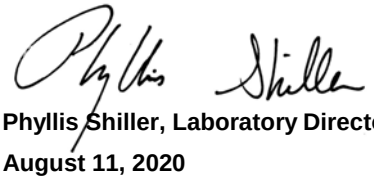
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 8:49 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48036

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.37 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 7160 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 16.9 | 0.74 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 230 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.30 | 0.30 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 95100 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 2.03 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 6.25 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 16.7 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 77.1 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 15100 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.30 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 1570 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 47300 | 37 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 247 | 3.7 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 494 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 16.1 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 518 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.7 | 3.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.5 | 1.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.5 | 1.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 32.5 | 0.37 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 268 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 89 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1221 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1232 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1242 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1248 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1254 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1260 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1262 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| PCB-1268 | ND | 74 | 74 | ug/Kg | 2 | 08/10/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 69 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % TCMX | 63 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 66 | | | % | 2 | 08/10/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.8 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| a-BHC | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| a-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Aldrin | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| b-BHC | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Chlordane | ND | 37 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| d-BHC | ND | 38 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Dieldrin | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan I | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan II | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Endrin ketone | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| g-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Heptachlor | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.4 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Methoxychlor | ND | 37 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/10/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 86 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % TCMX | 91 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 64 | | | % | 2 | 08/10/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | | 150 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | | 190 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | | 110 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Hexanone | ND | | 1300 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | | 1300 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Acetone | ND | | 260 | 260 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Acrylonitrile | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Benzene | ND | | 60 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromochloromethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromoform | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Bromomethane | ND | | 260 | 100 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chlorobenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloroform | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Chloromethane | ND | | 52 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | | 250 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dibromomethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Ethylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Isopropylbenzene | 32 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| m&p-Xylene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | | 120 | 120 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C | |

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | | 280 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Methylene chloride | ND | | 100 | 100 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Naphthalene | 91 | J | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| n-Butylbenzene | 39 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| n-Propylbenzene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| o-Xylene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| sec-Butylbenzene | 47 | J | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Styrene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tetrachloroethene | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | | 520 | 130 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Toluene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | | 190 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | | 520 | 130 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichloroethene | ND | | 170 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | | 260 | 52 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | | 260 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Vinyl chloride | ND | | 26 | 26 | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 101 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 85 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 96 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | | 2100 | | ug/kg | 50 | 08/08/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 101 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 85 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 96 | | | | % | 50 | 08/08/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | | 1000 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Acrolein | ND | | 52 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Acrylonitrile | ND | | 37 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | | 5200 | | ug/Kg | 50 | 08/08/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | 110 | J | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | | 260 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 260 | 92 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | 220 | J | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 260 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 260 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | 220 | J | 260 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 190 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 300 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 370 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | 170 | J | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | 2400 | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 300 | 300 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | 1100 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 2800 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 220 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 3500 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 4200 | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 2400 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 3100 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1900 | 740 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 260 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | 870 | | 190 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 3600 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | 730 | | 190 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | 370 | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 260 | 99 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 260 | 96 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 6900 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | 740 | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B4 FILL

Phoenix I.D.: CG48036

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | 190 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 2600 | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | 190 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | 380 | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | 190 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | 74 | 74 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | 3100 | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 7000 | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | 220 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 2,4,6-Tribromophenol | 53 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 61 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 59 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 59 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 66 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 73 | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

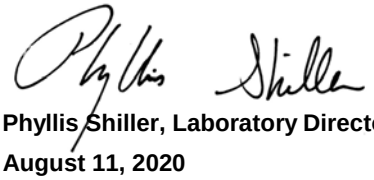
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:51 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48037

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.35 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13700 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 2.59 | 0.69 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 159 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | < 0.28 | 0.28 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 23900 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.59 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 13.9 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 26.0 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 58.4 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 26900 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.12 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 5260 | 69 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Magnesium | 15000 | 35 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 360 | 3.5 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 475 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 23.1 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 1390 | 6.9 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.5 | 3.5 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.4 | 1.4 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 54.0 | 0.35 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 120 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 89 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 73 | 73 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 69 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 68 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 73 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 37 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.5 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.7 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.3 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 37 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 150 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 75 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 70 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 76 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | ND | 24 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 9.6 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | 4.8 | 1.9 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 29 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 9.6 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 4.8 | 4.8 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 9.6 | 2.4 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 9.6 | 2.4 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 4.8 | 0.96 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 4.8 | 0.48 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 72 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 100 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 19 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 19 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 96 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 250 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 250 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 250 | 250 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 250 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 250 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 360 | 160 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | 160 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 180 | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 200 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | 160 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 190 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 250 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 250 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 230 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 250 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B5 FILL

Phoenix I.D.: CG48037

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 250 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | 240 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 250 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | | 250 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 220 | J | 250 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 89 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 78 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 64 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 73 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 83 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

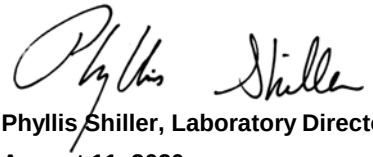
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 9:25 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48038

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.33 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Aluminum | 13300 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Arsenic | 6.04 | 0.66 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Barium | 101 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Beryllium | 0.41 | 0.26 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Calcium | 41100 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Cadmium | 1.64 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Cobalt | 9.22 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Chromium | 22.4 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Copper | 37.6 | 0.7 | | mg/kg | 1 | 08/06/20 | CPP | SW6010D |
| Iron | 20300 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Mercury | 0.08 | 0.03 | | mg/Kg | 2 | 08/06/20 | RS | SW7471B |
| Potassium | 2750 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Magnesium | 25100 | 33 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Manganese | 432 | 3.3 | | mg/Kg | 10 | 08/06/20 | CPP | SW6010D |
| Sodium | 241 | 7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Nickel | 21.7 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Lead | 107 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Antimony | < 3.3 | 3.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Selenium | < 1.3 | 1.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Thallium | < 1.3 | 1.3 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Vanadium | 35.4 | 0.33 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Zinc | 92.2 | 0.7 | | mg/Kg | 1 | 08/06/20 | CPP | SW6010D |
| Percent Solid | 91 | | | % | | 08/05/20 | HB | SW846-%Solid |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for PCB | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Soil Extraction for Pesticides | Completed | | | | | 08/05/20 | L/E | SW3545A |
| Mercury Digestion | Completed | | | | | 08/06/20 | VT/VT | SW7471B |

**Ver 1**

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Soil Extraction for SVOA | Completed | | | | | 08/05/20 | R/M | SW3546 |
| Total Metals Digest | Completed | | | | | 08/05/20 | B/AG/BF | SW3050B |
| **Polychlorinated Biphenyls** | | | | | | | | |
| PCB-1016 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1221 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1232 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1242 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1248 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1254 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1260 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1262 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| PCB-1268 | ND | 72 | 72 | ug/Kg | 2 | 08/06/20 | SC | SW8082A |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 68 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 67 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX | 70 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | SC | 30 - 150 % |
| **Pesticides - Soil** | | | | | | | | |
| 4,4' -DDD | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.1 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| a-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Aldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| b-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Chlordane | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| d-BHC | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Dieldrin | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan I | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan II | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endosulfan sulfate | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin aldehyde | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Endrin ketone | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-BHC | ND | 1.4 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| g-Chlordane | ND | 3.6 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Heptachlor epoxide | ND | 7.2 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Methoxychlor | ND | 36 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| Toxaphene | ND | 140 | | ug/Kg | 2 | 08/06/20 | CG | SW8081B |
| **QA/QC Surrogates** | | | | | | | | |
| % DCBP | 82 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % DCBP (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX | 80 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| % TCMX (Confirmation) | 72 | | | % | 2 | 08/06/20 | CG | 30 - 150 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 1.2 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acetone | ND | 16 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 6.3 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Benzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromochloromethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromodichloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromoform | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Bromomethane | ND | 3.1 | 1.3 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon Disulfide | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Carbon tetrachloride | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chlorobenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloroform | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Chloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,2-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| cis-1,3-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromochloromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dibromomethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Dichlorodifluoromethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Ethylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Hexachlorobutadiene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Isopropylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| m&p-Xylene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |
| Methyl Ethyl Ketone | ND | 19 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 6.3 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Methylene chloride | ND | 3.1 | 3.1 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Naphthalene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| o-Xylene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Styrene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 6.3 | 1.6 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Toluene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 6.3 | 1.6 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichloroethene | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 3.1 | 0.63 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Vinyl chloride | ND | 3.1 | 0.31 | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **1,4-dioxane** | | | | | | | | |
| 1,4-dioxane | ND | 47 | | ug/kg | 1 | 08/09/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 94 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 91 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | % | 1 | 08/09/20 | JLI | 70 - 130 % |
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 13 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrolein | ND | 1.4 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Acrylonitrile | ND | 13 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| Tert-butyl alcohol | ND | 63 | | ug/Kg | 1 | 08/09/20 | JLI | SW8260C |
| **Semivolatiles** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2,4-Trichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Dichlorobenzene | ND | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,2-Diphenylhydrazine | ND | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,3-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 1,4-Dichlorobenzene | ND | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,5-Trichlorophenol | ND | 260 | 200 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4,6-Trichlorophenol | ND | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |
| 2,4-Dichlorophenol | ND | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | | 260 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrophenol | ND | | 260 | 260 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,4-Dinitrotoluene | ND | | 180 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2,6-Dinitrotoluene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chloronaphthalene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Chlorophenol | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylnaphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Methylphenol (o-cresol) | ND | | 260 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitroaniline | ND | | 100 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 2-Nitrophenol | ND | | 260 | 230 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3&4-Methylphenol (m&p-cresol) | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | 1 |
| 3,3'-Dichlorobenzidine | ND | | 180 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 3-Nitroaniline | ND | | 91 | 91 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4,6-Dinitro-2-methylphenol | ND | | 220 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Bromophenyl phenyl ether | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloro-3-methylphenol | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chloroaniline | ND | | 290 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Chlorophenyl phenyl ether | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitroaniline | ND | | 86 | 86 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| 4-Nitrophenol | ND | | 370 | 170 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acenaphthylene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Acetophenone | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Aniline | ND | | 290 | 290 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Anthracene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benz(a)anthracene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzidine | ND | | 340 | 210 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(a)pyrene | 120 | J | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(b)fluoranthene | 130 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(ghi)perylene | 120 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzo(k)fluoranthene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzoic acid | ND | | 1800 | 730 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Benzyl butyl phthalate | ND | | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethoxy)methane | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroethyl)ether | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-chloroisopropyl)ether | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Bis(2-ethylhexyl)phthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Carbazole | ND | | 180 | 150 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Chrysene | 130 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenz(a,h)anthracene | ND | | 180 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dibenzofuran | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Diethyl phthalate | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Dimethylphthalate | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-butylphthalate | ND | | 260 | 97 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Di-n-octylphthalate | ND | | 260 | 94 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluoranthene | 170 | J | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Fluorene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobenzene | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachlorobutadiene | ND | | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: 316B6 FILL

Phoenix I.D.: CG48038

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Hexachloroethane | ND | | 180 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Indeno(1,2,3-cd)pyrene | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Isophorone | ND | | 180 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Naphthalene | ND | | 260 | 110 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Nitrobenzene | ND | | 180 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodimethylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodi-n-propylamine | ND | | 73 | 73 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| N-Nitrosodiphenylamine | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachloronitrobenzene | ND | | 260 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pentachlorophenol | ND | | 220 | 140 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenanthrene | ND | | 260 | 100 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Phenol | ND | | 260 | 120 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyrene | 180 | J | 260 | 130 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| Pyridine | ND | | 220 | 90 | ug/Kg | 1 | 08/06/20 | WB | SW8270D | |
| **QA/QC Surrogates** | | | | | | | | | | |
| % 2,4,6-Tribromophenol | 76 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorobiphenyl | 77 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % 2-Fluorophenol | 61 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Nitrobenzene-d5 | 69 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Phenol-d5 | 72 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| % Terphenyl-d14 | 78 | | | | % | 1 | 08/06/20 | WB | 30 - 130 % | |
| Field Extraction | Completed | | | | | | 08/04/20 | | SW5035A | 1 |

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**August 11, 2020**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | 0:03 |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48039

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,1-Trichloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

Phoenix I.D.: CG48039

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 1300 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Acrylonitrile | ND | 500 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Benzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromochloromethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromodichloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromoform | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Bromomethane | ND | 250 | 100 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Carbon Disulfide | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Carbon tetrachloride | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chlorobenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloroform | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Chloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| cis-1,2-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| cis-1,3-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dibromochloromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dibromomethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Dichlorodifluoromethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Ethylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Hexachlorobutadiene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Isopropylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| m&p-Xylene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methyl Ethyl Ketone | ND | 1500 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methyl t-butyl ether (MTBE) | ND | 500 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Methylene chloride | ND | 250 | 250 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Naphthalene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| n-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| n-Propylbenzene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| o-Xylene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Styrene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Tetrachloroethene | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | 500 | 130 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Toluene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | 500 | 130 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichloroethene | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | 250 | 50 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| Vinyl chloride | ND | 250 | 25 | ug/Kg | 50 | 08/07/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene (50x) | 97 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane (50x) | 86 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |
| % Toluene-d8 (50x) | 101 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK HL

Phoenix I.D.: CG48039

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | 3800 | | ug/kg | 50 | 08/07/20 | JLI | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 (50x) | 100 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Bromofluorobenzene (50x) | 97 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Dibromofluoromethane (50x) | 86 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| % Toluene-d8 (50x) | 101 | | | % | 50 | 08/07/20 | JLI | 70 - 130 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Acrolein | ND | 250 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 1000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Tert-butyl alcohol | ND | 5000 | | ug/Kg | 50 | 08/07/20 | JLI | SW8260C | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

August 11, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | SOIL | Collected by: | DM | 08/04/20 | |
| Location Code: | EBC | Received by: | B | 08/05/20 | 16:20 |
| Rush Request: | 72 Hour | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCG48033
Phoenix ID: CG48040

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloroethene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,1-Dichloropropene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dibromoethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloroethane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,2-Dichloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,3-Dichloropropane | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2,2-Dichloropropane | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Chlorotoluene | ND | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Hexanone | ND | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 2-Isopropyltoluene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | 1 |
| 4-Chlorotoluene | ND | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| 4-Methyl-2-pentanone | ND | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

Phoenix I.D.: CG48040

| Parameter | Result | | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | | 25 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Acrylonitrile | ND | | 10 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Benzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromobenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromochloromethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromodichloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromoform | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Bromomethane | ND | | 5.0 | 2.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Carbon Disulfide | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Carbon tetrachloride | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chlorobenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloroethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloroform | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Chloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dibromochloromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dibromomethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Dichlorodifluoromethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Ethylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Hexachlorobutadiene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Isopropylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| m&p-Xylene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methyl Ethyl Ketone | ND | | 30 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methyl t-butyl ether (MTBE) | ND | | 10 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Methylene chloride | ND | | 5.0 | 5.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Naphthalene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| n-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| n-Propylbenzene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| o-Xylene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| p-Isopropyltoluene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| sec-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Styrene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| tert-Butylbenzene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Tetrachloroethene | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Tetrahydrofuran (THF) | ND | | 10 | 2.5 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Toluene | 0.61 | J | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,3-Dichloropropene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| trans-1,4-dichloro-2-butene | ND | | 10 | 2.5 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichloroethene | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichlorofluoromethane | ND | | 5.0 | 1.0 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Trichlorotrifluoroethane | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| Vinyl chloride | ND | | 5.0 | 0.50 | ug/Kg | 1 | 08/07/20 | JLI | SW8260C |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 98 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Bromofluorobenzene | 98 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Dibromofluoromethane | 87 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |
| % Toluene-d8 | 99 | | | | % | 1 | 08/07/20 | JLI | 70 - 130 % |

Project ID: 316 HUGUENOT ST NEW ROCHELLE NY
Client ID: TRIP BLANK LL

Phoenix I.D.: CG48040

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | | |
|---|---|---|---|---|---|---|---|---|---|
| **1,4-dioxane** | | | | | | | | | |
| 1,4-dioxane | ND | 75 | | ug/kg | 1 | 08/07/20 | JLI | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 98 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Bromofluorobenzene | 98 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Dibromofluoromethane | 87 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| % Toluene-d8 | 99 | | | % | 1 | 08/07/20 | JLI | 70 - 130 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 20 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Acrolein | ND | 5.0 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Acrylonitrile | ND | 20 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Tert-butyl alcohol | ND | 100 | | ug/Kg | 1 | 08/07/20 | JLI | SW8260C | |
| Field Extraction | Completed | | | | | 08/04/20 | | SW5035A | 1 |

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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**Phyllis Shiller, Laboratory Director**
**August 11, 2020**
**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

August 11, 2020

## QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | Sample Result | Dup Result | Dup RPD | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540290 (mg/kg), QC Sample No: CG48468 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | | | | |
| Mercury - Soil | BRL | 0.03 | <0.03 | 0.08 | NC | 92.6 | 96.8 | 4.4 | 85.8 | 79.6 | 7.5 | 70 - 130 | 30 | |
| Comment: | | | | | | | | | | | | | | |
| Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%. | | | | | | | | | | | | | | |
| QA/QC Batch 540223 (mg/kg), QC Sample No: CG48041 (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | | | | |
| ICP Metals - Soil | | | | | | | | | | | | | | |
| Aluminum | BRL | 5.0 | 14100 | 13700 | 2.90 | 104 | 104 | 0.0 | NC | | | 75 - 125 | 35 | |
| Antimony | BRL | 3.3 | <3.9 | <3.6 | NC | 109 | 108 | 0.9 | 93.8 | | | 75 - 125 | 35 | |
| Arsenic | BRL | 0.67 | 2.23 | 3.21 | NC | 106 | 105 | 0.9 | 100 | | | 75 - 125 | 35 | |
| Barium | BRL | 0.33 | 91.3 | 90.4 | 1.00 | 106 | 109 | 2.8 | 119 | | | 75 - 125 | 35 | |
| Beryllium | BRL | 0.27 | 0.38 | 0.40 | NC | 101 | 103 | 2.0 | 103 | | | 75 - 125 | 35 | |
| Cadmium | BRL | 0.33 | 1.26 | 1.28 | NC | 103 | 105 | 1.9 | 103 | | | 75 - 125 | 35 | |
| Calcium | BRL | 5.0 | 21800 | 28100 | 25.3 | 106 | 109 | 2.8 | NC | | | 75 - 125 | 35 | |
| Chromium | BRL | 0.33 | 23.0 | 27.6 | 18.2 | 103 | 102 | 1.0 | 104 | | | 75 - 125 | 35 | |
| Cobalt | BRL | 0.33 | 8.55 | 9.22 | 7.50 | 104 | 107 | 2.8 | 102 | | | 75 - 125 | 35 | |
| Copper | BRL | 0.67 | 40.0 | 50.8 | 23.8 | 97.8 | 98.8 | 1.0 | 86.6 | | | 75 - 125 | 35 | |
| Iron | BRL | 5.0 | 20200 | 19500 | 3.50 | 83.2 | 84.1 | 1.1 | NC | | | 75 - 125 | 35 | |
| Lead | BRL | 0.33 | 57.5 | 69.0 | 18.2 | 102 | 104 | 1.9 | 115 | | | 75 - 125 | 35 | |
| Magnesium | BRL | 5.0 | 4310 | 4800 | 10.8 | 109 | 110 | 0.9 | NC | | | 75 - 125 | 35 | |
| Manganese | BRL | 0.33 | 508 | 510 | 0.40 | 104 | 116 | 10.9 | >130 | | | 75 - 125 | 35 | m |
| Nickel | BRL | 0.33 | 18.1 | 18.4 | 1.60 | 104 | 106 | 1.9 | 104 | | | 75 - 125 | 35 | |
| Potassium | BRL | 5.0 | 2430 | 2250 | 7.70 | 113 | 113 | 0.0 | >130 | | | 75 - 125 | 35 | m |
| Selenium | BRL | 1.3 | <1.6 | <1.4 | NC | 101 | 102 | 1.0 | 98.1 | | | 75 - 125 | 35 | |
| Silver | BRL | 0.33 | <0.39 | <0.36 | NC | 95.7 | 98.1 | 2.5 | 99.6 | | | 75 - 125 | 35 | |
| Sodium | BRL | 5.0 | 328 | 350 | 6.50 | 87.4 | 91.0 | 4.0 | >130 | | | 75 - 125 | 35 | m |
| Thallium | BRL | 3.0 | <1.6 | <3.2 | NC | 103 | 105 | 1.9 | 99.6 | | | 75 - 125 | 35 | |
| Vanadium | BRL | 0.33 | 36.4 | 30.4 | 18.0 | 105 | 106 | 0.9 | 98.9 | | | 75 - 125 | 35 | |
| Zinc | BRL | 0.67 | 53.9 | 66.7 | 21.2 | 103 | 104 | 1.0 | 108 | | | 75 - 125 | 35 | |
| Comment: | | | | | | | | | | | | | | |
| Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%. | | | | | | | | | | | | | | |

m = This parameter is outside laboratory MS/MSD specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

August 11, 2020

## QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540172 (ug/Kg), QC Sample No: CG48043 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | |
| **Polychlorinated Biphenyls - Soil** | | | | | | | | | | |
| PCB-1016 | ND | 33 | 63 | 64 | 1.6 | 53 | 62 | 15.7 | 40 - 140 | 30 |
| PCB-1221 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1232 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1242 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1248 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1254 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1260 | ND | 33 | 68 | 70 | 2.9 | 59 | 66 | 11.2 | 40 - 140 | 30 |
| PCB-1262 | ND | 33 | | | | | | | 40 - 140 | 30 |
| PCB-1268 | ND | 33 | | | | | | | 40 - 140 | 30 |
| % DCBP (Surrogate Rec) | 67 | % | 79 | 83 | 4.9 | 68 | 76 | 11.1 | 30 - 150 | 30 |
| % DCBP (Surrogate Rec) (Confirm | 73 | % | 88 | 90 | 2.2 | 73 | 81 | 10.4 | 30 - 150 | 30 |
| % TCMX (Surrogate Rec) | 62 | % | 70 | 72 | 2.8 | 60 | 71 | 16.8 | 30 - 150 | 30 |
| % TCMX (Surrogate Rec) (Confirm | 67 | % | 79 | 80 | 1.3 | 66 | 78 | 16.7 | 30 - 150 | 30 |
| QA/QC Batch 540174 (ug/Kg), QC Sample No: CG48043 2X (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | |
| **Pesticides - Soil** | | | | | | | | | | |
| 4,4' -DDD | ND | 1.7 | 63 | 64 | 1.6 | 54 | 65 | 18.5 | 40 - 140 | 30 |
| 4,4' -DDE | ND | 1.7 | 63 | 60 | 4.9 | 52 | 61 | 15.9 | 40 - 140 | 30 |
| 4,4' -DDT | ND | 1.7 | 61 | 59 | 3.3 | 53 | 60 | 12.4 | 40 - 140 | 30 |
| a-BHC | ND | 1.0 | 59 | 56 | 5.2 | 44 | 55 | 22.2 | 40 - 140 | 30 |
| a-Chlordane | ND | 3.3 | 59 | 55 | 7.0 | 48 | 59 | 20.6 | 40 - 140 | 30 |
| Aldrin | ND | 1.0 | 56 | 53 | 5.5 | 44 | 51 | 14.7 | 40 - 140 | 30 |
| b-BHC | ND | 1.0 | 66 | 62 | 6.3 | 53 | 65 | 20.3 | 40 - 140 | 30 |
| Chlordane | ND | 33 | 60 | 57 | 5.1 | 49 | 59 | 18.5 | 40 - 140 | 30 |
| d-BHC | ND | 3.3 | 60 | 57 | 5.1 | 48 | 56 | 15.4 | 40 - 140 | 30 |
| Dieldrin | ND | 1.0 | 59 | 56 | 5.2 | 47 | 55 | 15.7 | 40 - 140 | 30 |
| Endosulfan I | ND | 3.3 | 63 | 58 | 8.3 | 49 | 54 | 9.7 | 40 - 140 | 30 |
| Endosulfan II | ND | 3.3 | 61 | 58 | 5.0 | 49 | 56 | 13.3 | 40 - 140 | 30 |
| Endosulfan sulfate | ND | 3.3 | 68 | 64 | 6.1 | 55 | 62 | 12.0 | 40 - 140 | 30 |
| Endrin | ND | 3.3 | 58 | 52 | 10.9 | 55 | 63 | 13.6 | 40 - 140 | 30 |
| Endrin aldehyde | ND | 3.3 | 62 | 57 | 8.4 | 38 | 47 | 21.2 | 40 - 140 | 30 |
| Endrin ketone | ND | 3.3 | 59 | 57 | 3.4 | 46 | 54 | 16.0 | 40 - 140 | 30 |
| g-BHC | ND | 1.0 | 63 | 59 | 6.6 | 48 | 57 | 17.1 | 40 - 140 | 30 |
| g-Chlordane | ND | 3.3 | 60 | 57 | 5.1 | 49 | 59 | 18.5 | 40 - 140 | 30 |
| Heptachlor | ND | 3.3 | 57 | 53 | 7.3 | 45 | 53 | 16.3 | 40 - 140 | 30 |
| Heptachlor epoxide | ND | 3.3 | 59 | 58 | 1.7 | 47 | 54 | 13.9 | 40 - 140 | 30 |
| Methoxychlor | ND | 3.3 | 58 | 57 | 1.7 | 54 | 63 | 15.4 | 40 - 140 | 30 |
| Toxaphene | ND | 130 | NA | NA | NC | NA | NA | NC | 40 - 140 | 30 |
| % DCBP | 71 | % | 75 | 70 | 6.9 | 60 | 69 | 14.0 | 30 - 150 | 30 |
| % DCBP (Confirmation) | 71 | % | 74 | 72 | 2.7 | 59 | 67 | 12.7 | 30 - 150 | 30 |
| % TCMX | 60 | % | 67 | 67 | 0.0 | 53 | 67 | 23.3 | 30 - 150 | 30 |
| % TCMX (Confirmation) | 59 | % | 68 | 63 | 7.6 | 53 | 62 | 15.7 | 30 - 150 | 30 |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 540213 (ug/kg), QC Sample No: CG48033 (CG48033, CG48034, CG48035, CG48036, CG48037, CG48038) | | | | | | | | | | | |
| **Semivolatiles - Soil** | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 230 | 75 | 72 | 4.1 | 79 | 78 | 1.3 | 40 - 140 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 230 | 76 | 73 | 4.0 | 80 | 80 | 0.0 | 40 - 140 | 30 | |
| 1,2-Dichlorobenzene | ND | 180 | 71 | 67 | 5.8 | 70 | 75 | 6.9 | 40 - 140 | 30 | |
| 1,2-Diphenylhydrazine | ND | 230 | 76 | 79 | 3.9 | 82 | 79 | 3.7 | 40 - 140 | 30 | |
| 1,3-Dichlorobenzene | ND | 230 | 69 | 66 | 4.4 | 71 | 74 | 4.1 | 40 - 140 | 30 | |
| 1,4-Dichlorobenzene | ND | 230 | 69 | 64 | 7.5 | 70 | 72 | 2.8 | 40 - 140 | 30 | |
| 2,4,5-Trichlorophenol | ND | 230 | 89 | 90 | 1.1 | 96 | 93 | 3.2 | 40 - 140 | 30 | |
| 2,4,6-Trichlorophenol | ND | 130 | 93 | 96 | 3.2 | 93 | 93 | 0.0 | 30 - 130 | 30 | |
| 2,4-Dichlorophenol | ND | 130 | 88 | 86 | 2.3 | 90 | 89 | 1.1 | 30 - 130 | 30 | |
| 2,4-Dimethylphenol | ND | 230 | 88 | 85 | 3.5 | 71 | 70 | 1.4 | 30 - 130 | 30 | |
| 2,4-Dinitrophenol | ND | 230 | 80 | 78 | 2.5 | 97 | 97 | 0.0 | 30 - 130 | 30 | |
| 2,4-Dinitrotoluene | ND | 130 | 89 | 90 | 1.1 | 95 | 92 | 3.2 | 30 - 130 | 30 | |
| 2,6-Dinitrotoluene | ND | 130 | 90 | 91 | 1.1 | 93 | 92 | 1.1 | 40 - 140 | 30 | |
| 2-Chloronaphthalene | ND | 230 | 82 | 82 | 0.0 | 88 | 85 | 3.5 | 40 - 140 | 30 | |
| 2-Chlorophenol | ND | 230 | 85 | 81 | 4.8 | 83 | 87 | 4.7 | 30 - 130 | 30 | |
| 2-Methylnaphthalene | ND | 230 | 79 | 76 | 3.9 | 82 | 83 | 1.2 | 40 - 140 | 30 | |
| 2-Methylphenol (o-cresol) | ND | 230 | 87 | 86 | 1.2 | 81 | 83 | 2.4 | 40 - 140 | 30 | |
| 2-Nitroaniline | ND | 330 | 113 | 118 | 4.3 | 113 | 112 | 0.9 | 40 - 140 | 30 | |
| 2-Nitrophenol | ND | 230 | 83 | 82 | 1.2 | 87 | 86 | 1.2 | 40 - 140 | 30 | |
| 3&4-Methylphenol (m&p-cresol) | ND | 230 | 94 | 90 | 4.3 | 84 | 89 | 5.8 | 30 - 130 | 30 | |
| 3,3'-Dichlorobenzidine | ND | 130 | 90 | 92 | 2.2 | 96 | 92 | 4.3 | 40 - 140 | 30 | |
| 3-Nitroaniline | ND | 330 | 98 | 102 | 4.0 | 103 | 101 | 2.0 | 40 - 140 | 30 | |
| 4,6-Dinitro-2-methylphenol | ND | 230 | 86 | 88 | 2.3 | 92 | 94 | 2.2 | 30 - 130 | 30 | |
| 4-Bromophenyl phenyl ether | ND | 230 | 87 | 87 | 0.0 | 89 | 87 | 2.3 | 40 - 140 | 30 | |
| 4-Chloro-3-methylphenol | ND | 230 | 91 | 93 | 2.2 | 93 | 96 | 3.2 | 30 - 130 | 30 | |
| 4-Chloroaniline | ND | 230 | 84 | 81 | 3.6 | 82 | 81 | 1.2 | 40 - 140 | 30 | |
| 4-Chlorophenyl phenyl ether | ND | 230 | 83 | 85 | 2.4 | 88 | 86 | 2.3 | 40 - 140 | 30 | |
| 4-Nitroaniline | ND | 230 | 87 | 89 | 2.3 | 95 | 91 | 4.3 | 40 - 140 | 30 | |
| 4-Nitrophenol | ND | 230 | 93 | 98 | 5.2 | 105 | 103 | 1.9 | 30 - 130 | 30 | |
| Acenaphthene | ND | 230 | 86 | 86 | 0.0 | 91 | 89 | 2.2 | 30 - 130 | 30 | |
| Acenaphthylene | ND | 130 | 80 | 81 | 1.2 | 84 | 80 | 4.9 | 40 - 140 | 30 | |
| Acetophenone | ND | 230 | 76 | 72 | 5.4 | 76 | 80 | 5.1 | 40 - 140 | 30 | |
| Aniline | ND | 330 | 73 | 70 | 4.2 | 67 | 67 | 0.0 | 40 - 140 | 30 | |
| Anthracene | ND | 230 | 85 | 86 | 1.2 | 88 | 85 | 3.5 | 40 - 140 | 30 | |
| Benz(a)anthracene | ND | 230 | 85 | 87 | 2.3 | 90 | 86 | 4.5 | 40 - 140 | 30 | |
| Benzidine | ND | 330 | 73 | 74 | 1.4 | 12 | 10 | 18.2 | 40 - 140 | 30 | m |
| Benzo(a)pyrene | ND | 130 | 80 | 82 | 2.5 | 83 | 78 | 6.2 | 40 - 140 | 30 | |
| Benzo(b)fluoranthene | ND | 160 | 96 | 97 | 1.0 | 98 | 96 | 2.1 | 40 - 140 | 30 | |
| Benzo(ghi)perylene | ND | 230 | 77 | 78 | 1.3 | 85 | 77 | 9.9 | 40 - 140 | 30 | |
| Benzo(k)fluoranthene | ND | 230 | 60 | 62 | 3.3 | 65 | 59 | 9.7 | 40 - 140 | 30 | |
| Benzoic Acid | ND | 670 | 65 | 47 | 32.1 | 90 | 90 | 0.0 | 30 - 130 | 30 | r |
| Benzyl butyl phthalate | ND | 230 | 91 | 93 | 2.2 | 91 | 90 | 1.1 | 40 - 140 | 30 | |
| Bis(2-chloroethoxy)methane | ND | 230 | 83 | 80 | 3.7 | 83 | 84 | 1.2 | 40 - 140 | 30 | |
| Bis(2-chloroethyl)ether | ND | 130 | 69 | 67 | 2.9 | 69 | 72 | 4.3 | 40 - 140 | 30 | |
| Bis(2-chloroisopropyl)ether | ND | 230 | 65 | 62 | 4.7 | 64 | 68 | 6.1 | 40 - 140 | 30 | |
| Bis(2-ethylhexyl)phthalate | ND | 230 | 93 | 93 | 0.0 | 96 | 94 | 2.1 | 40 - 140 | 30 | |
| Carbazole | ND | 230 | 87 | 87 | 0.0 | 85 | 85 | 0.0 | 40 - 140 | 30 | |
| Chrysene | ND | 230 | 87 | 88 | 1.1 | 92 | 87 | 5.6 | 40 - 140 | 30 | |
| Dibenz(a,h)anthracene | ND | 130 | 80 | 81 | 1.2 | 87 | 80 | 8.4 | 40 - 140 | 30 | |
| Dibenzofuran | ND | 230 | 81 | 82 | 1.2 | 85 | 83 | 2.4 | 40 - 140 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl phthalate | ND | 230 | 85 | 86 | 1.2 | 89 | 88 | 1.1 | 40 - 140 | 30 | |
| Dimethylphthalate | ND | 230 | 86 | 88 | 2.3 | 90 | 89 | 1.1 | 40 - 140 | 30 | |
| Di-n-butylphthalate | ND | 670 | 92 | 92 | 0.0 | 93 | 90 | 3.3 | 40 - 140 | 30 | |
| Di-n-octylphthalate | ND | 230 | 92 | 93 | 1.1 | 94 | 92 | 2.2 | 40 - 140 | 30 | |
| Fluoranthene | ND | 230 | 83 | 84 | 1.2 | 87 | 83 | 4.7 | 40 - 140 | 30 | |
| Fluorene | ND | 230 | 82 | 83 | 1.2 | 87 | 84 | 3.5 | 40 - 140 | 30 | |
| Hexachlorobenzene | ND | 130 | 87 | 87 | 0.0 | 90 | 87 | 3.4 | 40 - 140 | 30 | |
| Hexachlorobutadiene | ND | 230 | 75 | 73 | 2.7 | 79 | 78 | 1.3 | 40 - 140 | 30 | |
| Hexachlorocyclopentadiene | ND | 230 | 65 | 64 | 1.6 | 61 | 56 | 8.5 | 40 - 140 | 30 | |
| Hexachloroethane | ND | 130 | 71 | 67 | 5.8 | 71 | 74 | 4.1 | 40 - 140 | 30 | |
| Indeno(1,2,3-cd)pyrene | ND | 230 | 75 | 76 | 1.3 | 83 | 75 | 10.1 | 40 - 140 | 30 | |
| Isophorone | ND | 130 | 73 | 71 | 2.8 | 74 | 75 | 1.3 | 40 - 140 | 30 | |
| Naphthalene | ND | 230 | 75 | 72 | 4.1 | 79 | 79 | 0.0 | 40 - 140 | 30 | |
| Nitrobenzene | ND | 130 | 77 | 74 | 4.0 | 78 | 82 | 5.0 | 40 - 140 | 30 | |
| N-Nitrosodimethylamine | ND | 230 | 64 | 62 | 3.2 | 65 | 67 | 3.0 | 40 - 140 | 30 | |
| N-Nitrosodi-n-propylamine | ND | 130 | 78 | 75 | 3.9 | 76 | 81 | 6.4 | 40 - 140 | 30 | |
| N-Nitrosodiphenylamine | ND | 130 | 87 | 88 | 1.1 | 86 | 84 | 2.4 | 40 - 140 | 30 | |
| Pentachloronitrobenzene | ND | 230 | 81 | 83 | 2.4 | 83 | 82 | 1.2 | 40 - 140 | 30 | |
| Pentachlorophenol | ND | 230 | 98 | 98 | 0.0 | 97 | 98 | 1.0 | 30 - 130 | 30 | |
| Phenanthrene | ND | 130 | 85 | 86 | 1.2 | 90 | 85 | 5.7 | 40 - 140 | 30 | |
| Phenol | ND | 230 | 89 | 85 | 4.6 | 85 | 89 | 4.6 | 30 - 130 | 30 | |
| Pyrene | ND | 230 | 84 | 84 | 0.0 | 89 | 85 | 4.6 | 30 - 130 | 30 | |
| Pyridine | ND | 230 | 52 | 48 | 8.0 | 58 | 53 | 9.0 | 40 - 140 | 30 | |
| % 2,4,6-Tribromophenol | 90 | % | 89 | 89 | 0.0 | 86 | 86 | 0.0 | 30 - 130 | 30 | |
| % 2-Fluorobiphenyl | 81 | % | 72 | 73 | 1.4 | 77 | 75 | 2.6 | 30 - 130 | 30 | |
| % 2-Fluorophenol | 79 | % | 77 | 74 | 4.0 | 73 | 77 | 5.3 | 30 - 130 | 30 | |
| % Nitrobenzene-d5 | 77 | % | 73 | 69 | 5.6 | 72 | 76 | 5.4 | 30 - 130 | 30 | |
| % Phenol-d5 | 81 | % | 84 | 79 | 6.1 | 79 | 82 | 3.7 | 30 - 130 | 30 | |
| % Terphenyl-d14 | 84 | % | 88 | 87 | 1.1 | 89 | 87 | 2.3 | 30 - 130 | 30 | |

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 540724 (ug/kg), QC Sample No: CG49979 (CG48035, CG48037, CG48038)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 94 | 86 | 8.9 | 88 | 83 | 5.8 | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 87 | 80 | 8.4 | 83 | 80 | 3.7 | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 100 | 88 | 12.8 | 91 | 84 | 8.0 | 70 - 130 | 30 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 96 | 86 | 11.0 | 89 | 83 | 7.0 | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 96 | 87 | 9.8 | 93 | 88 | 5.5 | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 104 | 95 | 9.0 | 98 | 94 | 4.2 | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 103 | 93 | 10.2 | 98 | 94 | 4.2 | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 92 | 84 | 9.1 | 77 | 71 | 8.1 | 70 - 130 | 30 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 102 | 87 | 15.9 | 90 | 82 | 9.3 | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 92 | 85 | 7.9 | 74 | 69 | 7.0 | 70 - 130 | 30 | m |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 91 | 81 | 11.6 | 84 | 78 | 7.4 | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 95 | 80 | 17.1 | 79 | 71 | 10.7 | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 95 | 85 | 11.1 | 90 | 81 | 10.5 | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 93 | 83 | 11.4 | 84 | 77 | 8.7 | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 96 | 87 | 9.8 | 90 | 83 | 8.1 | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 101 | 91 | 10.4 | 96 | 89 | 7.6 | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 92 | 83 | 10.3 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 93 | 84 | 10.2 | 83 | 77 | 7.5 | 70 - 130 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | ND | 5.0 | 100 | 91 | 9.4 | 96 | 88 | 8.7 | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 92 | 82 | 11.5 | 82 | 75 | 8.9 | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 117 | 102 | 13.7 | 109 | 98 | 10.6 | 70 - 130 | 30 | |
| 2,2-Dichloropropane | ND | 5.0 | 85 | 81 | 4.8 | 80 | 73 | 9.2 | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 97 | 87 | 10.9 | 88 | 83 | 5.8 | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 112 | 95 | 16.4 | 97 | 90 | 7.5 | 70 - 130 | 30 | |
| 2-Isopropyltoluene | ND | 5.0 | 99 | 90 | 9.5 | 95 | 87 | 8.8 | 70 - 130 | 30 | |
| 4-Chlorotoluene | ND | 5.0 | 95 | 85 | 11.1 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 116 | 100 | 14.8 | 103 | 95 | 8.1 | 70 - 130 | 30 | |
| Acetone | ND | 10 | 106 | 87 | 19.7 | 115 | 102 | 12.0 | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 91 | 81 | 11.6 | 74 | 67 | 9.9 | 70 - 130 | 30 | m |
| Acrylonitrile | ND | 5.0 | 105 | 96 | 9.0 | 92 | 88 | 4.4 | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 101 | 91 | 10.4 | 95 | 90 | 5.4 | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 91 | 82 | 10.4 | 85 | 79 | 7.3 | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 94 | 87 | 7.7 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 93 | 83 | 11.4 | 86 | 79 | 8.5 | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 91 | 81 | 11.6 | 77 | 73 | 5.3 | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 102 | 89 | 13.6 | 102 | 92 | 10.3 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 111 | 101 | 9.4 | 104 | 100 | 3.9 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 88 | 80 | 9.5 | 80 | 78 | 2.5 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 100 | 91 | 9.4 | 95 | 89 | 6.5 | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 100 | 88 | 12.8 | 96 | 95 | 1.0 | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 89 | 83 | 7.0 | 87 | 82 | 5.9 | 70 - 130 | 30 | |
| Chloromethane | ND | 5.0 | 100 | 93 | 7.3 | 95 | 89 | 6.5 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 100 | 76 | 27.3 | 87 | 89 | 2.3 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 93 | 84 | 10.2 | 83 | 78 | 6.2 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 100 | 88 | 12.8 | 90 | 84 | 6.9 | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 94 | 84 | 11.2 | 90 | 82 | 9.3 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 113 | 102 | 10.2 | 108 | 103 | 4.7 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 101 | 92 | 9.3 | 95 | 91 | 4.3 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 95 | 85 | 11.1 | 86 | 77 | 11.0 | 70 - 130 | 30 | |
| Isopropylbenzene | ND | 1.0 | 97 | 87 | 10.9 | 93 | 87 | 6.7 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 100 | 91 | 9.4 | 95 | 90 | 5.4 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 105 | 97 | 7.9 | 96 | 86 | 11.0 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 96 | 87 | 9.8 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 86 | 78 | 9.8 | 86 | 80 | 7.2 | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 97 | 86 | 12.0 | 82 | 74 | 10.3 | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 1.0 | 98 | 88 | 10.8 | 89 | 84 | 5.8 | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 1.0 | 98 | 88 | 10.8 | 92 | 87 | 5.6 | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 98 | 90 | 8.5 | 93 | 87 | 6.7 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 97 | 87 | 10.9 | 91 | 85 | 6.8 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 104 | 92 | 12.2 | 98 | 91 | 7.4 | 70 - 130 | 30 | |
| Styrene | ND | 5.0 | 95 | 87 | 8.8 | 89 | 84 | 5.8 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 95 | 84 | 12.3 | 92 | 78 | 16.5 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 95 | 85 | 11.1 | 91 | 84 | 8.0 | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 5.0 | 102 | 93 | 9.2 | 97 | 92 | 5.3 | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 5.0 | 111 | 98 | 12.4 | 101 | 93 | 8.2 | 70 - 130 | 30 | |
| Toluene | ND | 1.0 | 99 | 90 | 9.5 | 94 | 89 | 5.5 | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 5.0 | 107 | 95 | 11.9 | 103 | 97 | 6.0 | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 5.0 | 90 | 82 | 9.3 | 79 | 74 | 6.5 | 70 - 130 | 30 | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 106 | 91 | 15.2 | 82 | 74 | 10.3 | 70 - 130 | 30 | |
| Trichloroethene | ND | 5.0 | 103 | 92 | 11.3 | 97 | 92 | 5.3 | 70 - 130 | 30 | |
| Trichlorofluoromethane | ND | 5.0 | 103 | 93 | 10.2 | 99 | 94 | 5.2 | 70 - 130 | 30 | |

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorotrifluoroethane | ND | 5.0 | 106 | 96 | 9.9 | 101 | 99 | 2.0 | 70 - 130 | 30 | |
| Vinyl chloride | ND | 5.0 | 117 | 107 | 8.9 | 111 | 109 | 1.8 | 70 - 130 | 30 | |
| % 1,2-dichlorobenzene-d4 | 100 | % | 100 | 100 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| % Bromofluorobenzene | 99 | % | 100 | 102 | 2.0 | 101 | 102 | 1.0 | 70 - 130 | 30 | |
| % Dibromofluoromethane | 94 | % | 91 | 95 | 4.3 | 93 | 92 | 1.1 | 70 - 130 | 30 | |
| % Toluene-d8 | 100 | % | 100 | 100 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540872 (ug/kg), QC Sample No: CG49981 (CG48034)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 104 | 107 | 2.8 | 94 | | | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 103 | 107 | 3.8 | 101 | | | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 108 | 109 | 0.9 | <10 | | | 70 - 130 | 30 | m |
| 1,1,2-Trichloroethane | ND | 5.0 | 98 | 102 | 4.0 | 75 | | | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 102 | 103 | 1.0 | 97 | | | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 108 | 110 | 1.8 | 105 | | | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 102 | 105 | 2.9 | 91 | | | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 102 | 108 | 5.7 | 57 | | | 70 - 130 | 30 | m |
| 1,2,3-Trichloropropane | ND | 5.0 | 99 | 102 | 3.0 | 100 | | | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 101 | 106 | 4.8 | 57 | | | 70 - 130 | 30 | m |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 91 | | | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 114 | 124 | 8.4 | 87 | | | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 101 | 103 | 2.0 | 74 | | | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 99 | 102 | 3.0 | 78 | | | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 104 | 107 | 2.8 | 86 | | | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 101 | 104 | 2.9 | 96 | | | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 96 | 99 | 3.1 | 94 | | | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 97 | 100 | 3.0 | 74 | | | 70 - 130 | 30 | |
| 1,3-Dichloropropane | ND | 5.0 | 100 | 103 | 3.0 | 87 | | | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 99 | 101 | 2.0 | 70 | | | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 116 | 113 | 2.6 | 120 | | | 70 - 130 | 30 | |
| 2,2-Dichloropropane | ND | 5.0 | 108 | 110 | 1.8 | 104 | | | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 97 | 99 | 2.0 | 93 | | | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 94 | 98 | 4.2 | 83 | | | 70 - 130 | 30 | |
| 2-Isopropyltoluene | ND | 5.0 | 104 | 107 | 2.8 | 93 | | | 70 - 130 | 30 | |
| 4-Chlorotoluene | ND | 5.0 | 96 | 99 | 3.1 | 80 | | | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 105 | 110 | 4.7 | 97 | | | 70 - 130 | 30 | |
| Acetone | ND | 10 | 89 | 94 | 5.5 | 79 | | | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 100 | 101 | 1.0 | 28 | | | 70 - 130 | 30 | m |
| Acrylonitrile | ND | 5.0 | 110 | 113 | 2.7 | 90 | | | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 100 | 102 | 2.0 | 93 | | | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 98 | 99 | 1.0 | 82 | | | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 99 | 105 | 5.9 | 82 | | | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 107 | 109 | 1.9 | 91 | | | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 102 | 107 | 4.8 | 80 | | | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 106 | 105 | 0.9 | 91 | | | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 104 | 106 | 1.9 | 76 | | | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 105 | 109 | 3.7 | 100 | | | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 98 | 99 | 1.0 | 80 | | | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 104 | 105 | 1.0 | 91 | | | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 99 | 102 | 3.0 | 95 | | | 70 - 130 | 30 | |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ND | 5.0 | 89 | 90 | 1.1 | 83 | | | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 95 | 96 | 1.0 | 80 | | | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 106 | 108 | 1.9 | 78 | | | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 109 | 113 | 3.6 | 89 | | | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 103 | 104 | 1.0 | 74 | | | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 96 | 101 | 5.1 | 91 | | | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 97 | 100 | 3.0 | 88 | | | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 101 | 109 | 7.6 | 63 | | | 70 - 130 | 30 | m |
| Isopropylbenzene | ND | 1.0 | 97 | 100 | 3.0 | 97 | | | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 96 | 99 | 3.1 | 85 | | | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 99 | 103 | 4.0 | 93 | | | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 106 | 107 | 0.9 | 99 | | | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 96 | 96 | 0.0 | 87 | | | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 107 | 114 | 6.3 | 75 | | | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 1.0 | 104 | 114 | 9.2 | 86 | | | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 94 | | | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 98 | 101 | 3.0 | 89 | | | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 100 | 106 | 5.8 | 89 | | | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 105 | 110 | 4.7 | 96 | | | 70 - 130 | 30 | |
| Styrene | ND | 5.0 | 98 | 99 | 1.0 | 76 | | | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 100 | 96 | 4.1 | 98 | | | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 98 | 101 | 3.0 | 94 | | | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 5.0 | 97 | 101 | 4.0 | 88 | | | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 5.0 | 105 | 108 | 2.8 | 96 | | | 70 - 130 | 30 | |
| Toluene | ND | 1.0 | 100 | 103 | 3.0 | 91 | | | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 5.0 | 112 | 114 | 1.8 | 86 | | | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 5.0 | 110 | 110 | 0.0 | 66 | | | 70 - 130 | 30 | m |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 130 | 135 | 3.8 | 87 | | | 70 - 130 | 30 | l |
| Trichloroethene | ND | 5.0 | 98 | 100 | 2.0 | 145 | | | 70 - 130 | 30 | m |
| Trichlorofluoromethane | ND | 5.0 | 102 | 106 | 3.8 | 97 | | | 70 - 130 | 30 | |
| Trichlorotrifluoroethane | ND | 5.0 | 102 | 108 | 5.7 | 96 | | | 70 - 130 | 30 | |
| Vinyl chloride | ND | 5.0 | 102 | 104 | 1.9 | 92 | | | 70 - 130 | 30 | |
| % 1,2-dichlorobenzene-d4 | 96 | % | 101 | 102 | 1.0 | 103 | | | 70 - 130 | 30 | |
| % Bromofluorobenzene | 101 | % | 102 | 101 | 1.0 | 97 | | | 70 - 130 | 30 | |
| % Dibromofluoromethane | 102 | % | 99 | 101 | 2.0 | 72 | | | 70 - 130 | 30 | |
| % Toluene-d8 | 95 | % | 103 | 102 | 1.0 | 101 | | | 70 - 130 | 30 | |

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540717 (ug/kg), QC Sample No: CG50004 (CG48033, CG48040)

## Volatiles - Soil (Low Level)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 86 | 88 | 2.3 | 89 | 90 | 1.1 | 70 - 130 | 30 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 82 | 82 | 0.0 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | 3.0 | 87 | 92 | 5.6 | 114 | 120 | 5.1 | 70 - 130 | 30 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 86 | 89 | 3.4 | 92 | 94 | 2.2 | 70 - 130 | 30 | |
| 1,1-Dichloroethane | ND | 5.0 | 87 | 87 | 0.0 | 91 | 92 | 1.1 | 70 - 130 | 30 | |
| 1,1-Dichloroethene | ND | 5.0 | 94 | 94 | 0.0 | 102 | 103 | 1.0 | 70 - 130 | 30 | |
| 1,1-Dichloropropene | ND | 5.0 | 97 | 96 | 1.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 87 | 89 | 2.3 | 44 | 42 | 4.7 | 70 - 130 | 30 | m |
| 1,2,3-Trichloropropane | ND | 5.0 | 88 | 94 | 6.6 | 119 | 125 | 4.9 | 70 - 130 | 30 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 87 | 87 | 0.0 | 53 | 50 | 5.8 | 70 - 130 | 30 | m |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | ND | 1.0 | 85 | 87 | 2.3 | 82 | 79 | 3.7 | 70 - 130 | 30 | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | 75 | 82 | 8.9 | 90 | 97 | 7.5 | 70 - 130 | 30 | |
| 1,2-Dibromoethane | ND | 5.0 | 86 | 88 | 2.3 | 95 | 98 | 3.1 | 70 - 130 | 30 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 86 | 88 | 2.3 | 88 | 87 | 1.1 | 70 - 130 | 30 | |
| 1,2-Dichloroethane | ND | 5.0 | 87 | 88 | 1.1 | 91 | 93 | 2.2 | 70 - 130 | 30 | |
| 1,2-Dichloropropane | ND | 5.0 | 92 | 94 | 2.2 | 97 | 98 | 1.0 | 70 - 130 | 30 | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 86 | 87 | 1.2 | 88 | 84 | 4.7 | 70 - 130 | 30 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 87 | 88 | 1.1 | 91 | 90 | 1.1 | 70 - 130 | 30 | |
| 1,3-Dichloropropane | ND | 5.0 | 91 | 94 | 3.2 | 102 | 106 | 3.8 | 70 - 130 | 30 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 85 | 87 | 2.3 | 93 | 92 | 1.1 | 70 - 130 | 30 | |
| 1,4-dioxane | ND | 100 | 103 | 105 | 1.9 | 136 | 125 | 8.4 | 70 - 130 | 30 | m |
| 2,2-Dichloropropane | ND | 5.0 | 83 | 83 | 0.0 | 77 | 82 | 6.3 | 70 - 130 | 30 | |
| 2-Chlorotoluene | ND | 5.0 | 89 | 91 | 2.2 | 103 | 102 | 1.0 | 70 - 130 | 30 | |
| 2-Hexanone | ND | 25 | 90 | 92 | 2.2 | 50 | 48 | 4.1 | 70 - 130 | 30 | m |
| 2-Isopropyltoluene | ND | 5.0 | 90 | 92 | 2.2 | 73 | 69 | 5.6 | 70 - 130 | 30 | m |
| 4-Chlorotoluene | ND | 5.0 | 88 | 89 | 1.1 | 102 | 100 | 2.0 | 70 - 130 | 30 | |
| 4-Methyl-2-pentanone | ND | 25 | 89 | 96 | 7.6 | 65 | 63 | 3.1 | 70 - 130 | 30 | m |
| Acetone | ND | 10 | 91 | 92 | 1.1 | 83 | 88 | 5.8 | 70 - 130 | 30 | |
| Acrolein | ND | 25 | 68 | 75 | 9.8 | 18 | 17 | 5.7 | 70 - 130 | 30 | l,m |
| Acrylonitrile | ND | 5.0 | 82 | 91 | 10.4 | 96 | 96 | 0.0 | 70 - 130 | 30 | |
| Benzene | ND | 1.0 | 93 | 94 | 1.1 | 99 | 99 | 0.0 | 70 - 130 | 30 | |
| Bromobenzene | ND | 5.0 | 86 | 87 | 1.2 | 106 | 108 | 1.9 | 70 - 130 | 30 | |
| Bromochloromethane | ND | 5.0 | 86 | 87 | 1.2 | 93 | 95 | 2.1 | 70 - 130 | 30 | |
| Bromodichloromethane | ND | 5.0 | 84 | 86 | 2.4 | 86 | 88 | 2.3 | 70 - 130 | 30 | |
| Bromoform | ND | 5.0 | 75 | 80 | 6.5 | 76 | 82 | 7.6 | 70 - 130 | 30 | |
| Bromomethane | ND | 5.0 | 87 | 86 | 1.2 | 99 | 98 | 1.0 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 5.0 | 93 | 93 | 0.0 | 94 | 94 | 0.0 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 5.0 | 81 | 81 | 0.0 | 79 | 82 | 3.7 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 5.0 | 94 | 94 | 0.0 | 99 | 100 | 1.0 | 70 - 130 | 30 | |
| Chloroethane | ND | 5.0 | 93 | 89 | 4.4 | 90 | 98 | 8.5 | 70 - 130 | 30 | |
| Chloroform | ND | 5.0 | 84 | 84 | 0.0 | 86 | 88 | 2.3 | 70 - 130 | 30 | |
| Chloromethane | ND | 5.0 | 86 | 86 | 0.0 | 97 | 99 | 2.0 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 5.0 | 90 | 86 | 4.5 | 87 | 88 | 1.1 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 5.0 | 84 | 85 | 1.2 | 84 | 85 | 1.2 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 3.0 | 87 | 90 | 3.4 | 92 | 96 | 4.3 | 70 - 130 | 30 | |
| Dibromomethane | ND | 5.0 | 85 | 89 | 4.6 | 91 | 92 | 1.1 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 5.0 | 91 | 89 | 2.2 | 114 | 115 | 0.9 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 1.0 | 95 | 95 | 0.0 | 97 | 97 | 0.0 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 5.0 | 94 | 91 | 3.2 | 40 | 37 | 7.8 | 70 - 130 | 30 | m |
| Isopropylbenzene | ND | 1.0 | 92 | 92 | 0.0 | 103 | 101 | 2.0 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 2.0 | 95 | 94 | 1.1 | 95 | 94 | 1.1 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 5.0 | 87 | 92 | 5.6 | 86 | 87 | 1.2 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 75 | 78 | 3.9 | 92 | 93 | 1.1 | 70 - 130 | 30 | |
| Methylene chloride | ND | 5.0 | 77 | 79 | 2.6 | 84 | 84 | 0.0 | 70 - 130 | 30 | |
| Naphthalene | ND | 5.0 | 87 | 92 | 5.6 | 71 | 69 | 2.9 | 70 - 130 | 30 | m |
| n-Butylbenzene | ND | 1.0 | 94 | 92 | 2.2 | 66 | 60 | 9.5 | 70 - 130 | 30 | m |
| n-Propylbenzene | ND | 1.0 | 92 | 92 | 0.0 | 98 | 96 | 2.1 | 70 - 130 | 30 | |
| o-Xylene | ND | 2.0 | 92 | 93 | 1.1 | 94 | 93 | 1.1 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 1.0 | 92 | 92 | 0.0 | 75 | 71 | 5.5 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 1.0 | 97 | 98 | 1.0 | 74 | 69 | 7.0 | 70 - 130 | 30 | m |
| Styrene | ND | 5.0 | 90 | 91 | 1.1 | 89 | 89 | 0.0 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 100 | 82 | 82 | 0.0 | 104 | 100 | 3.9 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 1.0 | 89 | 91 | 2.2 | 75 | 70 | 6.9 | 70 - 130 | 30 | |

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | 5.0 | 99 | 96 | 3.1 | 96 | 95 | 1.0 | 70 - 130 | 30 |
| Tetrahydrofuran (THF) | ND | 5.0 | 87 | 94 | 7.7 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| Toluene | ND | 1.0 | 93 | 94 | 1.1 | 96 | 96 | 0.0 | 70 - 130 | 30 |
| trans-1,2-Dichloroethene | ND | 5.0 | 97 | 95 | 2.1 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| trans-1,3-Dichloropropene | ND | 5.0 | 81 | 83 | 2.4 | 81 | 83 | 2.4 | 70 - 130 | 30 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 83 | 89 | 7.0 | 101 | 104 | 2.9 | 70 - 130 | 30 |
| Trichloroethene | ND | 5.0 | 96 | 95 | 1.0 | 100 | 101 | 1.0 | 70 - 130 | 30 |
| Trichlorofluoromethane | ND | 5.0 | 91 | 90 | 1.1 | 99 | 98 | 1.0 | 70 - 130 | 30 |
| Trichlorotrifluoroethane | ND | 5.0 | 92 | 92 | 0.0 | 102 | 104 | 1.9 | 70 - 130 | 30 |
| Vinyl chloride | ND | 5.0 | 102 | 103 | 1.0 | 115 | 115 | 0.0 | 70 - 130 | 30 |
| % 1,2-dichlorobenzene-d4 | 100 | % | 99 | 100 | 1.0 | 95 | 95 | 0.0 | 70 - 130 | 30 |
| % Bromofluorobenzene | 97 | % | 100 | 101 | 1.0 | 95 | 94 | 1.1 | 70 - 130 | 30 |
| % Dibromofluoromethane | 91 | % | 93 | 93 | 0.0 | 94 | 95 | 1.1 | 70 - 130 | 30 |
| % Toluene-d8 | 99 | % | 100 | 101 | 1.0 | 99 | 98 | 1.0 | 70 - 130 | 30 |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 540717H (ug/kg), QC Sample No: CG50004 50X (CG48036 (50X) , CG48039 (50X) )

## Volatiles - Soil (High Level)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 250 | 94 | 92 | 2.2 | 89 | 89 | 0.0 | 70 - 130 | 30 |
| 1,1,1-Trichloroethane | ND | 250 | 89 | 88 | 1.1 | 87 | 87 | 0.0 | 70 - 130 | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 250 | 99 | 100 | 1.0 | 100 | 99 | 1.0 | 70 - 130 | 30 |
| 1,1,2-Trichloroethane | ND | 250 | 95 | 95 | 0.0 | 94 | 94 | 0.0 | 70 - 130 | 30 |
| 1,1-Dichloroethane | ND | 250 | 95 | 94 | 1.1 | 95 | 92 | 3.2 | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 250 | 92 | 94 | 2.2 | 97 | 96 | 1.0 | 70 - 130 | 30 |
| 1,1-Dichloropropene | ND | 250 | 109 | 108 | 0.9 | 113 | 108 | 4.5 | 70 - 130 | 30 |
| 1,2,3-Trichlorobenzene | ND | 250 | 104 | 105 | 1.0 | 107 | 103 | 3.8 | 70 - 130 | 30 |
| 1,2,3-Trichloropropane | ND | 250 | 101 | 102 | 1.0 | 100 | 100 | 0.0 | 70 - 130 | 30 |
| 1,2,4-Trichlorobenzene | ND | 250 | 107 | 108 | 0.9 | 109 | 105 | 3.7 | 70 - 130 | 30 |
| 1,2,4-Trimethylbenzene | ND | 250 | 98 | 98 | 0.0 | 99 | 94 | 5.2 | 70 - 130 | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 250 | 92 | 93 | 1.1 | 90 | 89 | 1.1 | 70 - 130 | 30 |
| 1,2-Dibromoethane | ND | 250 | 96 | 96 | 0.0 | 95 | 95 | 0.0 | 70 - 130 | 30 |
| 1,2-Dichlorobenzene | ND | 250 | 100 | 100 | 0.0 | 100 | 97 | 3.0 | 70 - 130 | 30 |
| 1,2-Dichloroethane | ND | 250 | 95 | 93 | 2.1 | 94 | 95 | 1.1 | 70 - 130 | 30 |
| 1,2-Dichloropropane | ND | 250 | 103 | 101 | 2.0 | 102 | 100 | 2.0 | 70 - 130 | 30 |
| 1,3,5-Trimethylbenzene | ND | 250 | 99 | 98 | 1.0 | 101 | 95 | 6.1 | 70 - 130 | 30 |
| 1,3-Dichlorobenzene | ND | 250 | 101 | 101 | 0.0 | 101 | 97 | 4.0 | 70 - 130 | 30 |
| 1,3-Dichloropropane | ND | 250 | 103 | 101 | 2.0 | 101 | 100 | 1.0 | 70 - 130 | 30 |
| 1,4-Dichlorobenzene | ND | 250 | 100 | 100 | 0.0 | 100 | 96 | 4.1 | 70 - 130 | 30 |
| 1,4-dioxane | ND | 5000 | 114 | 112 | 1.8 | 109 | 112 | 2.7 | 70 - 130 | 30 |
| 2,2-Dichloropropane | ND | 250 | 90 | 88 | 2.2 | 88 | 85 | 3.5 | 70 - 130 | 30 |
| 2-Chlorotoluene | ND | 250 | 102 | 102 | 0.0 | 103 | 98 | 5.0 | 70 - 130 | 30 |
| 2-Hexanone | ND | 1300 | 97 | 99 | 2.0 | 106 | 106 | 0.0 | 70 - 130 | 30 |
| 2-Isopropyltoluene | ND | 250 | 102 | 103 | 1.0 | 110 | 104 | 5.6 | 70 - 130 | 30 |
| 4-Chlorotoluene | ND | 250 | 102 | 100 | 2.0 | 101 | 97 | 4.0 | 70 - 130 | 30 |
| 4-Methyl-2-pentanone | ND | 1300 | 101 | 102 | 1.0 | 111 | 109 | 1.8 | 70 - 130 | 30 |
| Acetone | ND | 500 | 77 | 81 | 5.1 | 84 | 84 | 0.0 | 70 - 130 | 30 |
| Acrolein | ND | 1300 | 77 | 76 | 1.3 | 80 | 82 | 2.5 | 70 - 130 | 30 |
| Acrylonitrile | ND | 250 | 93 | 97 | 4.2 | 102 | 102 | 0.0 | 70 - 130 | 30 |
| Benzene | ND | 250 | 104 | 103 | 1.0 | 106 | 103 | 2.9 | 70 - 130 | 30 |
| Bromobenzene | ND | 250 | 97 | 96 | 1.0 | 96 | 92 | 4.3 | 70 - 130 | 30 |
| Bromochloromethane | ND | 250 | 93 | 93 | 0.0 | 92 | 92 | 0.0 | 70 - 130 | 30 |

# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | 250 | 91 | 88 | 3.4 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| Bromoform | ND | 250 | 82 | 80 | 2.5 | 68 | 74 | 8.5 | 70 - 130 | 30 | m |
| Bromomethane | ND | 250 | 72 | 73 | 1.4 | 70 | 74 | 5.6 | 70 - 130 | 30 | |
| Carbon Disulfide | ND | 250 | 90 | 94 | 4.3 | 101 | 99 | 2.0 | 70 - 130 | 30 | |
| Carbon tetrachloride | ND | 250 | 86 | 86 | 0.0 | 81 | 81 | 0.0 | 70 - 130 | 30 | |
| Chlorobenzene | ND | 250 | 106 | 104 | 1.9 | 106 | 103 | 2.9 | 70 - 130 | 30 | |
| Chloroethane | ND | 250 | 36 | 35 | 2.8 | 38 | 34 | 11.1 | 70 - 130 | 30 | l,m |
| Chloroform | ND | 250 | 84 | 83 | 1.2 | 81 | 86 | 6.0 | 70 - 130 | 30 | |
| Chloromethane | ND | 250 | 104 | 100 | 3.9 | 106 | 104 | 1.9 | 70 - 130 | 30 | |
| cis-1,2-Dichloroethene | ND | 250 | 86 | 101 | 16.0 | 84 | 80 | 4.9 | 70 - 130 | 30 | |
| cis-1,3-Dichloropropene | ND | 250 | 92 | 91 | 1.1 | 87 | 88 | 1.1 | 70 - 130 | 30 | |
| Dibromochloromethane | ND | 150 | 95 | 93 | 2.1 | 83 | 85 | 2.4 | 70 - 130 | 30 | |
| Dibromomethane | ND | 250 | 94 | 93 | 1.1 | 92 | 92 | 0.0 | 70 - 130 | 30 | |
| Dichlorodifluoromethane | ND | 250 | 107 | 105 | 1.9 | 125 | 120 | 4.1 | 70 - 130 | 30 | |
| Ethylbenzene | ND | 250 | 108 | 108 | 0.0 | 110 | 106 | 3.7 | 70 - 130 | 30 | |
| Hexachlorobutadiene | ND | 250 | 115 | 117 | 1.7 | 118 | 110 | 7.0 | 70 - 130 | 30 | |
| Isopropylbenzene | ND | 250 | 105 | 104 | 1.0 | 108 | 101 | 6.7 | 70 - 130 | 30 | |
| m&p-Xylene | ND | 250 | 108 | 106 | 1.9 | 109 | 105 | 3.7 | 70 - 130 | 30 | |
| Methyl ethyl ketone | ND | 250 | 96 | 99 | 3.1 | 107 | 105 | 1.9 | 70 - 130 | 30 | |
| Methyl t-butyl ether (MTBE) | ND | 250 | 83 | 82 | 1.2 | 89 | 91 | 2.2 | 70 - 130 | 30 | |
| Methylene chloride | ND | 250 | 83 | 82 | 1.2 | 83 | 83 | 0.0 | 70 - 130 | 30 | |
| Naphthalene | ND | 250 | 102 | 105 | 2.9 | 110 | 108 | 1.8 | 70 - 130 | 30 | |
| n-Butylbenzene | ND | 250 | 110 | 110 | 0.0 | 113 | 105 | 7.3 | 70 - 130 | 30 | |
| n-Propylbenzene | ND | 250 | 106 | 105 | 0.9 | 109 | 103 | 5.7 | 70 - 130 | 30 | |
| o-Xylene | ND | 250 | 104 | 103 | 1.0 | 106 | 102 | 3.8 | 70 - 130 | 30 | |
| p-Isopropyltoluene | ND | 250 | 107 | 107 | 0.0 | 109 | 102 | 6.6 | 70 - 130 | 30 | |
| sec-Butylbenzene | ND | 250 | 111 | 112 | 0.9 | 116 | 108 | 7.1 | 70 - 130 | 30 | |
| Styrene | ND | 250 | 103 | 101 | 2.0 | 102 | 99 | 3.0 | 70 - 130 | 30 | |
| tert-butyl alcohol | ND | 5000 | 92 | 88 | 4.4 | 85 | 87 | 2.3 | 70 - 130 | 30 | |
| tert-Butylbenzene | ND | 250 | 102 | 101 | 1.0 | 104 | 99 | 4.9 | 70 - 130 | 30 | |
| Tetrachloroethene | ND | 250 | 109 | 112 | 2.7 | 115 | 111 | 3.5 | 70 - 130 | 30 | |
| Tetrahydrofuran (THF) | ND | 250 | 98 | 101 | 3.0 | 107 | 106 | 0.9 | 70 - 130 | 30 | |
| Toluene | ND | 250 | 104 | 103 | 1.0 | 105 | 104 | 1.0 | 70 - 130 | 30 | |
| trans-1,2-Dichloroethene | ND | 250 | 107 | 105 | 1.9 | 110 | 107 | 2.8 | 70 - 130 | 30 | |
| trans-1,3-Dichloropropene | ND | 250 | 89 | 87 | 2.3 | 82 | 83 | 1.2 | 70 - 130 | 30 | |
| trans-1,4-dichloro-2-butene | ND | 250 | 94 | 93 | 1.1 | 91 | 91 | 0.0 | 70 - 130 | 30 | |
| Trichloroethene | ND | 250 | 109 | 106 | 2.8 | 111 | 107 | 3.7 | 70 - 130 | 30 | |
| Trichlorofluoromethane | ND | 250 | 28 | 27 | 3.6 | 29 | 28 | 3.5 | 70 - 130 | 30 | l,m |
| Trichlorotrifluoroethane | ND | 250 | 95 | 96 | 1.0 | 106 | 103 | 2.9 | 70 - 130 | 30 | |
| Vinyl chloride | ND | 250 | 126 | 125 | 0.8 | 134 | 130 | 3.0 | 70 - 130 | 30 | m |
| % 1,2-dichlorobenzene-d4 | 101 | % | 100 | 101 | 1.0 | 101 | 101 | 0.0 | 70 - 130 | 30 | |
| % Bromofluorobenzene | 97 | % | 100 | 98 | 2.0 | 100 | 101 | 1.0 | 70 - 130 | 30 | |
| % Dibromofluoromethane | 89 | % | 89 | 91 | 2.2 | 88 | 91 | 3.4 | 70 - 130 | 30 | |
| % Toluene-d8 | 98 | % | 100 | 101 | 1.0 | 100 | 101 | 1.0 | 70 - 130 | 30 | |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

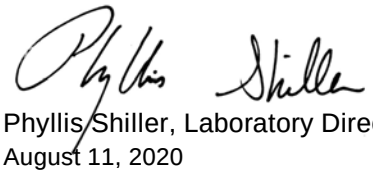
# QA/QC Data

SDG I.D.: GCG48033

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
August 11, 2020

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48033 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 17 | 17 | ug/Kg |
| CG48033 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 0.17 | 0.17 | ug/Kg |
| CG48033 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 76 | 5.1 | 5.1 | ug/Kg |
| CG48034 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48034 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48034 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48034 | CR-SM | Chromium | NY / 375-6.8 Metals / Unrestricted Use Soil | 35.0 | 0.36 | 30 | | mg/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 6100 | 270 | 5000 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 1000 | 190 | 500 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NJ / Soil Remediation Standard / Res. Direct Contact | 5300 | 190 | 500 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NJ / Soil Remediation Standard / Res. Direct Contact | 5700 | 270 | 5000 | 200 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 5700 | 270 | 1700 | 1700 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3400 | 270 | 1700 | 1700 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 3400 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential Restricted | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential Restricted | 6000 | 270 | 3900 | 3900 | ug/Kg |
| CG48035 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3200 | 270 | 500 | 500 | ug/Kg |
| CG48035 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 6000 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 5700 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3400 | 270 | 800 | 800 | ug/Kg |
| CG48035 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 1000 | 190 | 330 | 330 | ug/Kg |
| CG48035 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 5300 | 190 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 6100 | 270 | 1000 | 1000 | ug/Kg |
| CG48035 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 17 | 17 | ug/Kg |
| CG48035 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 5.1 | 5.1 | ug/Kg |
| CG48035 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 77 | 0.17 | 0.17 | ug/Kg |
| CG48035 | HG-SM | Mercury | NY / 375-6.8 Metals / Unrestricted Use Soil | 0.33 | 0.03 | 0.18 | 0.18 | mg/Kg |
| CG48035 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 276 | 0.7 | 63 | 63 | mg/Kg |

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48035 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 149 | 0.7 | 109 | 109 | mg/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromoethane | NJ / Soil Remediation Standard / Res. Direct Contact | ND | 26 | 8 | 5 | ug/Kg |
| CG48036 | $8260MADPR | Acetone | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 260 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | Vinyl chloride | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dichloroethane | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 100 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | Vinyl chloride | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 100 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dichloroethane | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 26 | 20 | 20 | ug/Kg |
| CG48036 | $8260MADPR | Acetone | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 260 | 50 | 50 | ug/Kg |
| CG48036 | $8260MADPR | 1,1,2,2-Tetrachloroethane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 9.3 | 9.3 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromo-3-chloropropane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 9.2 | 9.2 | ug/Kg |
| CG48036 | $8260MADPR | Methylene chloride | PA / Reg Fill Limits GP-1a / Organics | ND | 100 | 76 | 76 | ug/Kg |
| CG48036 | $8260MADPR | 1,2-Dibromoethane | PA / Reg Fill Limits GP-1a / Organics | ND | 26 | 1.2 | 1.2 | ug/Kg |
| CG48036 | $8260MADPR | Chloromethane | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 38 | 38 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NJ / Soil Remediation Standard / Res. Direct Contact | 3500 | 190 | 500 | 200 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NJ / Soil Remediation Standard / Res. Direct Contact | 730 | 190 | 500 | 200 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3100 | 260 | 1700 | 1700 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Ground Water Protection | 4200 | 260 | 1700 | 1700 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Residential | 3100 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Residential | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Residential Restricted | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Residential Restricted | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Residential Restricted | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(b)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 4200 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Dibenz(a,h)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 730 | 190 | 330 | 330 | ug/Kg |
| CG48036 | $8270SMRDP | Chrysene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3600 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Indeno(1,2,3-cd)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 2600 | 260 | 500 | 500 | ug/Kg |
| CG48036 | $8270SMRDP | Benz(a)anthracene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 2800 | 260 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(k)fluoranthene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3100 | 260 | 800 | 800 | ug/Kg |
| CG48036 | $8270SMRDP | Benzo(a)pyrene | NY / 375-6.8 Semivolatiles / Unrestricted Use Soil | 3500 | 190 | 1000 | 1000 | ug/Kg |
| CG48036 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 0.17 | 0.17 | ug/Kg |

Tuesday, August 11, 2020

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS, 375RS;

State: NY

# Sample Criteria Exceedances Report

## GCG48033 - EBC

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CG48036 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 17 | 17 | ug/Kg |
| CG48036 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 74 | 5.1 | 5.1 | ug/Kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | NY / 375-6.8 Volatiles / Ground Water Protection | ND | 2100 | 100 | 100 | ug/kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | NY / 375-6.8 Volatiles / Unrestricted Use Soil | ND | 2100 | 100 | 100 | ug/kg |
| CG48036 | $DIOX_SMR | 1,4-dioxane | PA / Reg Fill Limits GP-1a / Organics | ND | 2100 | 310 | 310 | ug/kg |
| CG48036 | $NJADD-SM | Acrolein | PA / Reg Fill Limits GP-1a / Organics | ND | 52 | 1.4 | 1.4 | ug/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Ground Water Protection | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Residential | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Residential Restricted | 16.9 | 0.74 | 16 | 16 | mg/Kg |
| CG48036 | AS-SM | Arsenic | NY / 375-6.8 Metals / Unrestricted Use Soil | 16.9 | 0.74 | 13 | 13 | mg/Kg |
| CG48036 | CU-SM | Copper | NY / 375-6.8 Metals / Unrestricted Use Soil | 77.1 | 0.7 | 50 | 50 | mg/kg |
| CG48036 | HG-SM | Mercury | NY / 375-6.8 Metals / Unrestricted Use Soil | 0.30 | 0.03 | 0.18 | 0.18 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NJ / Soil Remediation Standard / Res. Direct Contact | 518 | 0.7 | 400 | 1 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Ground Water Protection | 518 | 0.7 | 450 | 450 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential | 518 | 0.7 | 400 | 400 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential Restricted | 518 | 0.7 | 400 | 400 | mg/Kg |
| CG48036 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 518 | 0.7 | 63 | 63 | mg/Kg |
| CG48036 | PB-SMDP | Lead | PA / Reg Fill Limits GP-1a / Metals & Inorganics | 518 | 0.7 | 450 | 450 | mg/Kg |
| CG48036 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 268 | 0.7 | 109 | 109 | mg/Kg |
| CG48037 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48037 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48037 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48037 | CU-SM | Copper | NY / 375-6.8 Metals / Unrestricted Use Soil | 58.4 | 0.7 | 50 | 50 | mg/kg |
| CG48037 | PB-SMDP | Lead | NJ / Soil Remediation Standard / Res. Direct Contact | 1390 | 6.9 | 400 | 1 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Ground Water Protection | 1390 | 6.9 | 450 | 450 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential | 1390 | 6.9 | 400 | 400 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Residential Restricted | 1390 | 6.9 | 400 | 400 | mg/Kg |
| CG48037 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 1390 | 6.9 | 63 | 63 | mg/Kg |
| CG48037 | PB-SMDP | Lead | PA / Reg Fill Limits GP-1a / Metals & Inorganics | 1390 | 6.9 | 450 | 450 | mg/Kg |
| CG48037 | ZN-SMDP | Zinc | NY / 375-6.8 Metals / Unrestricted Use Soil | 120 | 0.7 | 109 | 109 | mg/Kg |
| CG48038 | $8270SMRDP | Bis(2-chloroethyl)ether | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 17 | 17 | ug/Kg |
| CG48038 | $8270SMRDP | N-Nitrosodimethylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 0.17 | 0.17 | ug/Kg |
| CG48038 | $8270SMRDP | N-Nitrosodi-n-propylamine | PA / Reg Fill Limits GP-1a / Organics | ND | 73 | 5.1 | 5.1 | ug/Kg |
| CG48038 | PB-SMDP | Lead | NY / 375-6.8 Metals / Unrestricted Use Soil | 107 | 0.7 | 63 | 63 | mg/Kg |

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**Environmental Laboratories, Inc.**
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Comments

August 11, 2020 SDG I.D.: GCG48033

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

## *PEST Narration*

**AU-ECD4 08/10/20-1:** CG48036

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CG48036
Preceding CC 810A004 - Methoxychlor 25%L (20%)
Succeeding CC 810A021 - Endosulfan I 21%H (20%), Methoxychlor 22%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

## *SVOA Narration*

**CHEM29 08/05/20-1:** CG48033, CG48034, CG48035, CG48036, CG48037, CG48038

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.096 (0.1), Hexachlorobenzene 0.079 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.080 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

## *VOA Narration*

**CHEM14 08/10/20-1:** CG48034

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 25% (20%), Acetone 31% (20%), Methyl Ethyl Ketone 29% (20%), Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.086 (0.1), Bromoform 0.080 (0.1), Tetrachloroethene 0.181 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**CHEM31 08/07/20-2:** CG48033, CG48036, CG48039, CG48040

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.075 (0.1), Tetrachloroethene 0.172 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**Environmental Laboratories, Inc.**
**587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045**
**Tel. (860) 645-1102 Fax (860) 645-0823**

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Comments

August 11, 2020 SDG I.D.: GCG48033

**CHEM31 08/09/20-1:** CG48035, CG48037, CG48038

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.075 (0.1), Tetrachloroethene 0.172 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.046 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.050 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

**Environmental Laboratories, Inc.**
**587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045**
**Tel. (860) 645-1102 Fax (860) 645-0823**

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# NY Temperature Narration

**August 11, 2020**

**SDG I.D.: GCG48033**

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

# CHAIN OF CUSTODY RECORD

Temp 2.4 °C Pg 1 of 1

**PHOENIX**
*Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-8726**

**Data Delivery:**
☐ Fax #:
■ Email Kbrussee@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 316 Hugeonot St. New Rochelle NY
Report to: EBC
Invoice to: EBC
Phone #: 631.504.6000
Fax #: 631.924.2870

Project P.O:

This section MUST be completed with Bottle Quantities.

**Client Sample - Information - Identification**

Sampler's Signature: Derek Merker Date: 8/4/20

**Matrix Code:**
**DW**=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
**RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
**OIL**=Oil **B**=Bulk **L**=Liquid

Analysis Request

| PHOENIX USE ONLY SAMPLE # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | VOCs 8260 + 1,4-Dioxine | SVOCs 8270 + Pyridine | PCBs | Pesticides | TAL Metals (+ Hex Cr + Mo and Cyanide) | + | + | + | + | + | + | Soil VOA Vials [ ] methanol [ ] H2O | GL Soil container ( 8 ) oz | GL Soil container ( 4 ) oz | 5 g Encores | GL Amber 1000ml [ ] As is [ ] H2SO4 | PL As is [ ] 250ml [ ] 500ml [ ] 1000ml | PL H2SO4 [ ] 250ml [ ] 500ml | PL HNO3 250ml | PL NaOH 250ml | Bacteria Bottle |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48033 | 316B1 Fill | Soil | 8/4/2020 | 8:23 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48034 | 316B2 Fill | Soil | 8/4/2020 | 9:13 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48035 | 316B3 Fill | Soil | 8/4/2020 | 10:30 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48036 | 316B4 Fill | Soil | 8/4/2020 | 8:49 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48037 | 316B5 Fill | Soil | 8/4/2020 | 9:51 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48038 | 316B6 Fill | Soil | 8/4/2020 | 9:25 | X | X | X | X | X | | | | | | | 3 | 1 | | | | | | | | |
| 48039 | Trip Blanks HL | | | | X | | | | | | | | | | | 1 | | | | | | | | | |
| 48040 | Trip Blanks LL | | | | X | | | | | | | | | | | 2 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| Derek Merker | | 8/5 | 1620 |
| | | | |
| | | | |

**Comments, Special Requirements or Regulations:**

* SVOC list to include atrazine, benzaldehyde, 1,1-biphenyl, and caprolactam.

Quote# EB030217SB

* VOC list to include acrolein, TBA, and total xylenes

**Turnaround:**
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard
☐ Other
* SURCHARGE APPLIES

**NJ**
■ Direct Contact (Residential)
☐ GW
☐ Other

**NY**
■ UUSCOs
■ RRSCOs
■ NJ Residential
■ PA Regulated Fill
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

**MA**
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

**State where samples were collected:** NY

**Data Format**
■ Excel
■ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

**Data Package**
☐ Tier II Checklist
ASP B Deliverables*
☐ Phoenix Std Report
☐ Other

## Sarah Bell

**Subject:** FW: Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

*Note: I am currently working remotely. You may call me directly at my cell number below or email
Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
(C)860-558-0726
**Website:** www.phoenixlabs.com

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**From:** Kevin Brussee [mailto:kbrussee@ebcincny.com]
**Sent:** Thursday, August 06, 2020 7:56 AM
**To:** Sarah Bell; 'Derek Merker'
**Cc:** tgallo@ebcincny.com
**Subject:** RE: Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

Sarah,

The analysis list for these samples should just be VOCs 8260, SVOCs 8270, Pesticides 8081, PCBs 8082, and TAL Metals.

Please ignore the additional add-ons of 1,4-dioxane, pyridine, hex Cr, Mo, and cyanide).and the SVOCs listed in the comment section.

Thanks,

**Kevin Brussee**

**Vice President**

EBC

***Environmental Business Consultants***

**Ph: 631.504.6000 ext. 114**

**Fax: 631.924.2870**

**Cell: 631.338.1749**

**Kbrussee@ebcincny.com**

**From:** clientservices@phoenixlabs.com <clientservices@phoenixlabs.com>
**Sent:** Wednesday, August 05, 2020 6:57 PM
**To:** kbrussee@ebcincny.com
**Subject:** Phoenix Labs - GCG48033, 316 HUGUENOT ST NEW ROCHELLE NY - COC Acknowledgement

This is an automated sample acknowledgement.

Price Quote#: EB030217SB

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

GCG48033 Criteria:
SOIL(8): NJ RC (Res. Criteria Remediation), NY 375 (375 Unrestricted), NY 375GWP (375 Soil GWP), NY 375RRS (375 Residential Restricted), NY 375RS (375 Residential), PA REGF (Regulated Fill Criteria)

Please email client services only if you require criteria different than what is listed.

Delivery group GCG48033 (316 HUGUENOT ST NEW ROCHELLE NY ) has been logged in for the following samples:

| Phoenix Id | Client Id |
|---|---|
| CG48033 | 316B1 FILL |
| CG48034 | 316B2 FILL |
| CG48035 | 316B3 FILL |
| CG48036 | 316B4 FILL |
| CG48037 | 316B5 FILL |
| CG48038 | 316B6 FILL |

| | |
|---|---|
| CG48039 | TRIP BLANK HL |
| CG48040 | TRIP BLANK LL |

The samples in this delivery group were received at 2.9°C. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Thank you for your business,

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06374
Tel. (860) 645-1102
Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.
cc'd:csosik@ebcincny.com;kbrussee@ebcincny.com;creilly@ebcincny.com;tgallo@ebcincny.com;rmbennett@ebcincny.com;akasten@ebcincny.com;abalado@ebcincny.com;kbutler@ebcincny.com;dmerker@ebcincny.com;christinaw@phoenixlabs.com;maryam@phoenixlabs.com;dbenyei@ebcincny.com;jvisconte@ebcincny.com;nbyrnes@ebcincny.com;ssurrusco@ebcincny.com